

INSTALLATIONGUIDE

**BMW 3.0d Modell
from 2011 onwards**



14109353

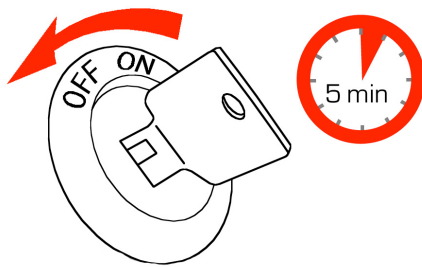
The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements.

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.

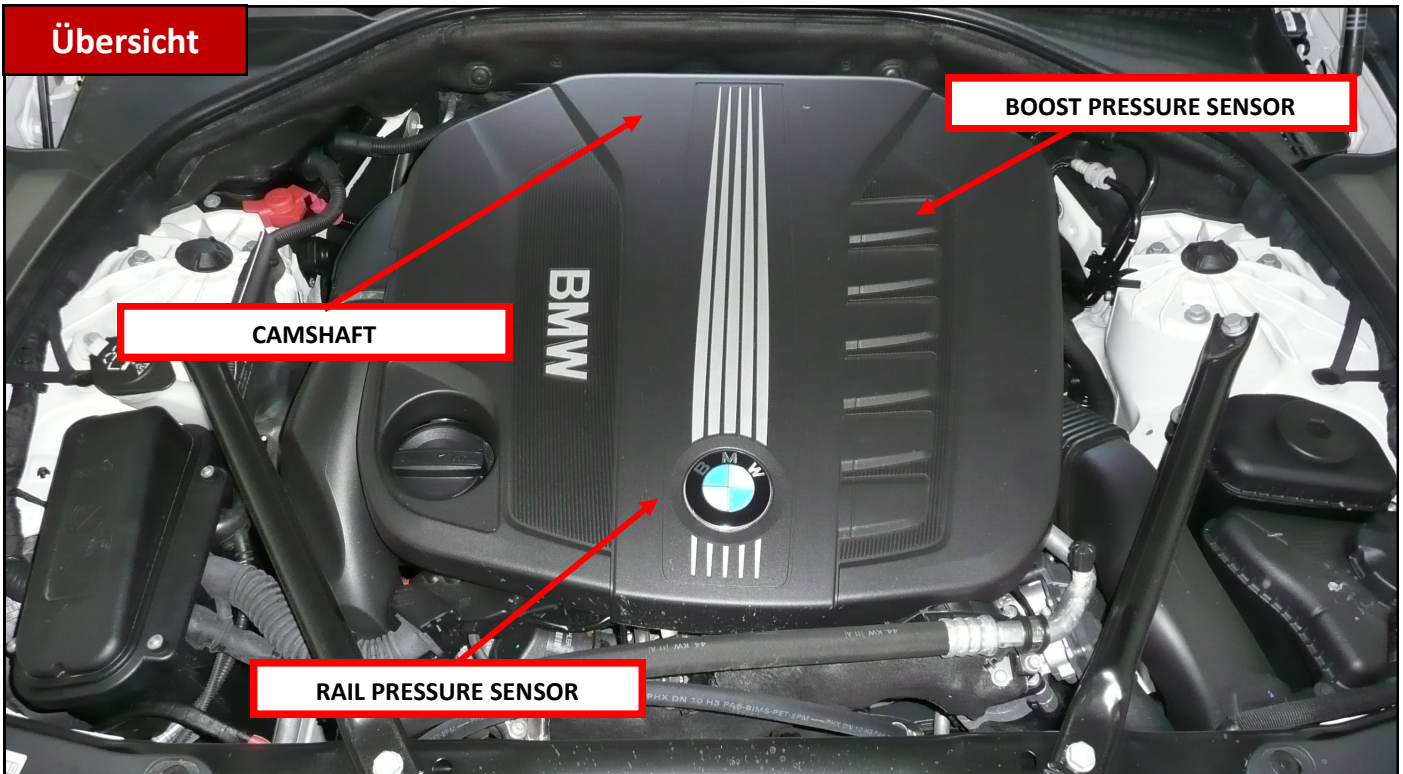
INSTALLATIONGUIDE

BMW 3.0d Modell
from 2011 onwards



14109353

Übersicht



Overview:

The tuningkit has to be attached to the following points:

- **Boost pressure sensor (under the engine cover)**
- **Rail pressure sensor (under the engine cover)**
- **Camshaft sensor (under the engine cover)**

Required tools:

- **Screwdriver**

Vorbereitung:

- 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

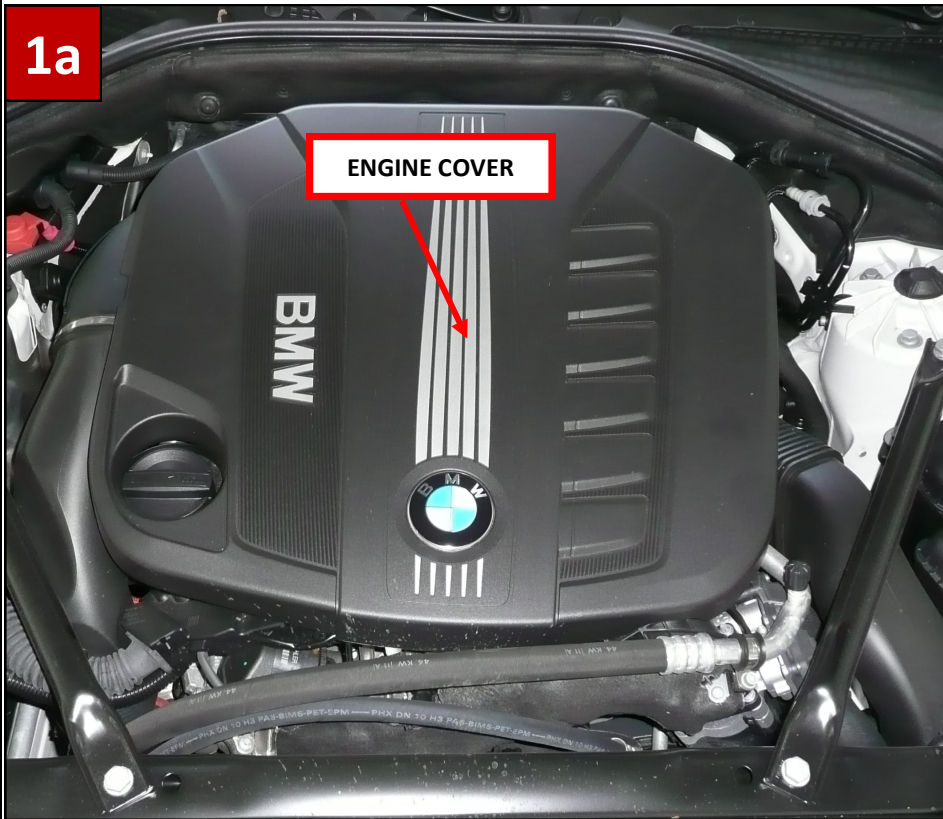
INSTALLATIONGUIDE

BMW 3.0d Modell
from 2011 onwards



14109353

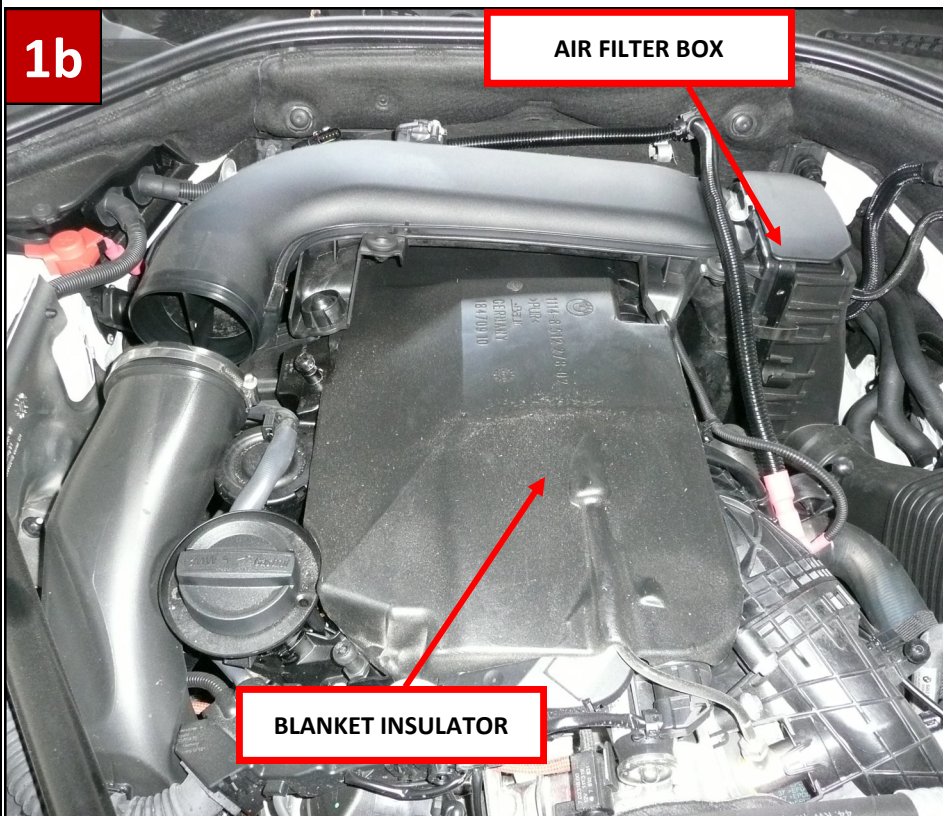
1a



1. Preperation

- ◇ Before you could begin installing the tuningkit, you have to remove the engine cover.
- ◇ The engine cover is fixed with clips

1b



- ◇ Afterwards you have to remove the blanket insulator and the air filter box.
- ◇ To remove the air filter box, you have to detach the clamp and the connection at the back
- ◇ Than remove carefully the air filter box inclusive air supply tube
- ◇ The blanket insulator is not fixed

INSTALLATIONGUIDE

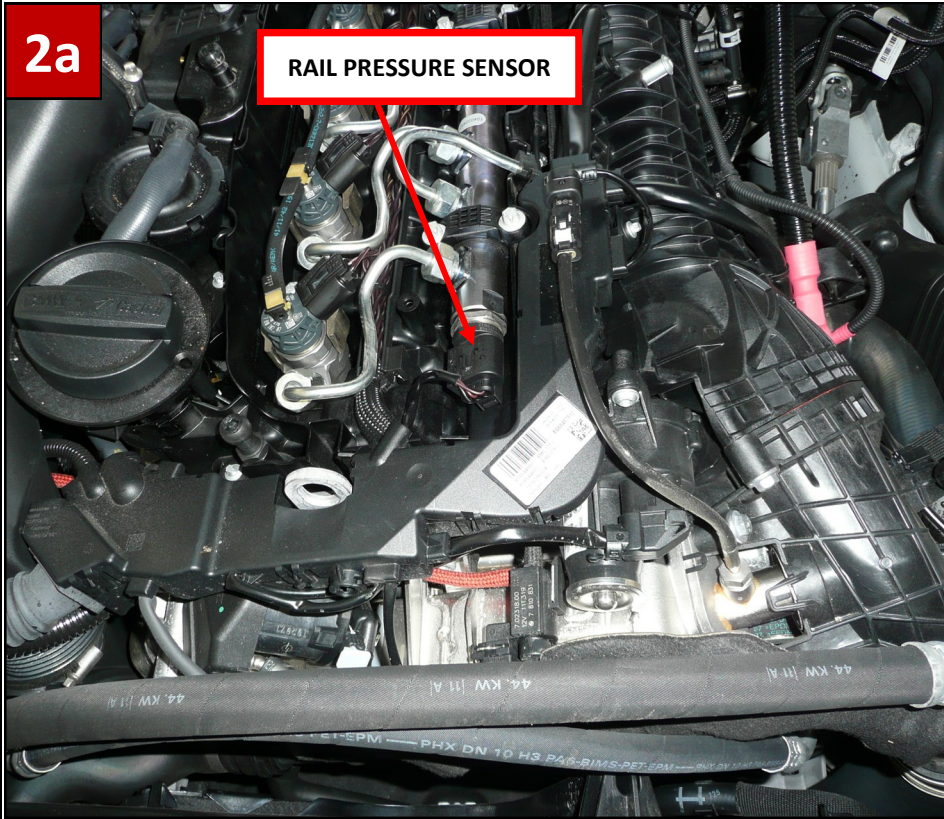
BMW 3.0d Modell
from 2011 onwards



14109353

2a

RAIL PRESSURE SENSOR

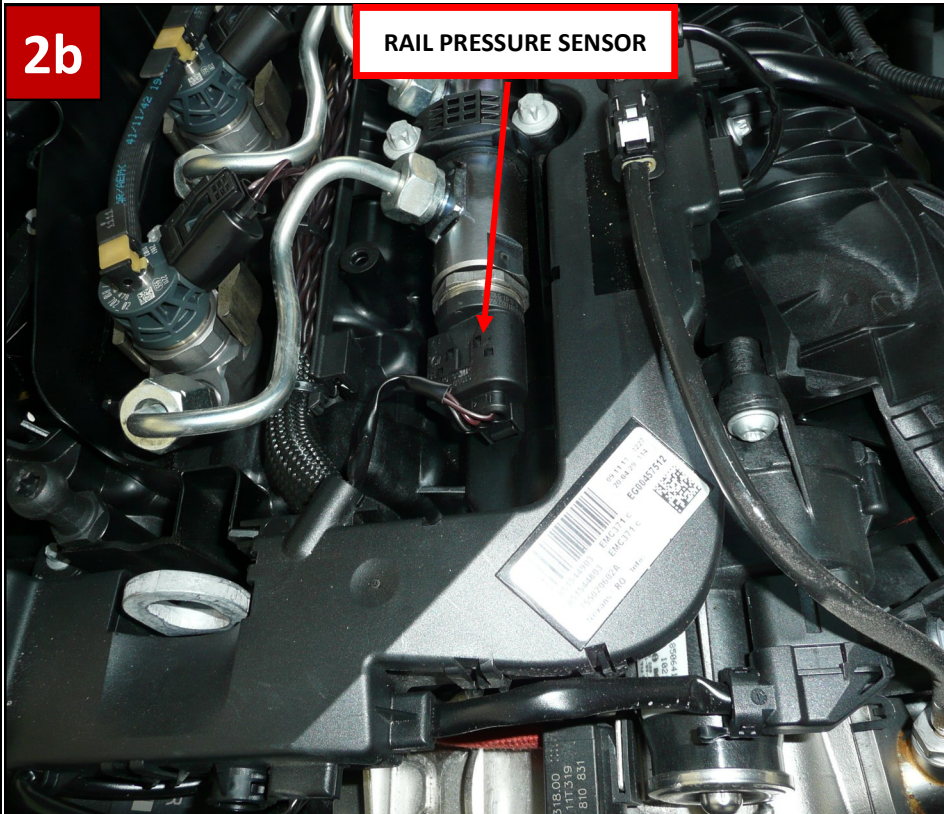


2. Rail pressure sensor

◇ The rail pressure sensor is located directly at the common rail under the blanket insulator

2b

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

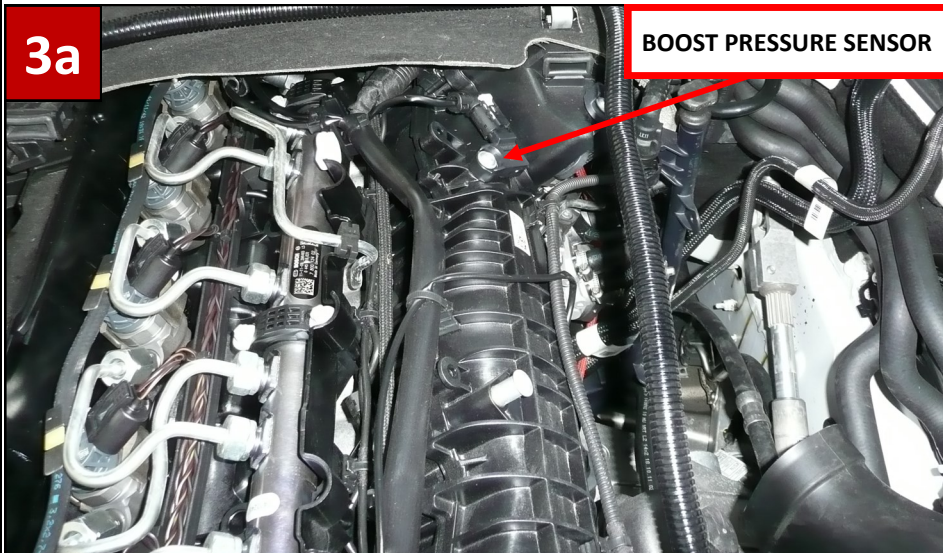
INSTALLATIONGUIDE

BMW 3.0d Modell
from 2011 onwards



14109353

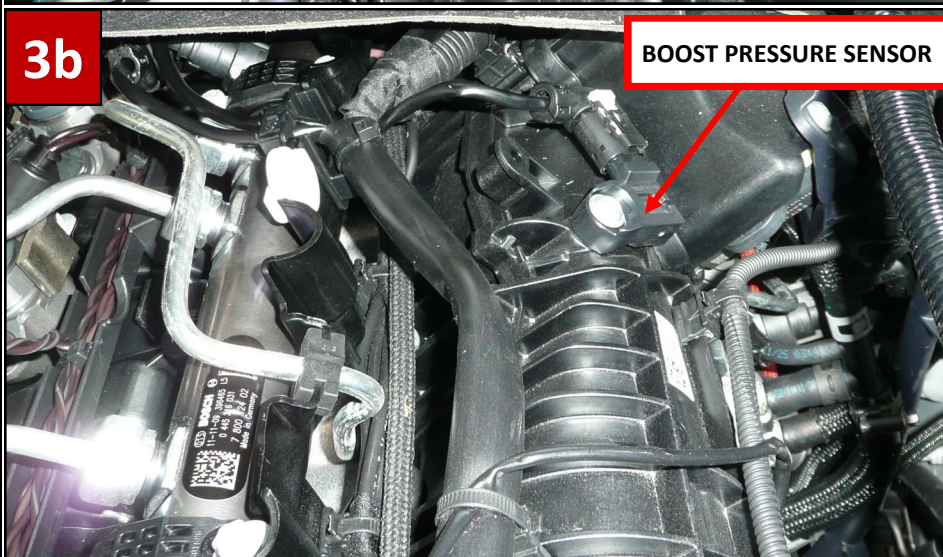
3a



3. Boost pressure sensor

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

3b

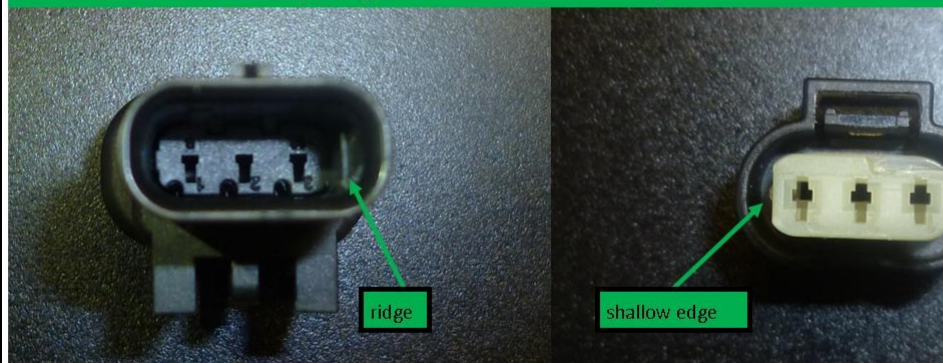


◇ Disconnect the plug from the boost pressure sensor.

◇ Attach the boost pressure sensor plug to the new loom

◇ Connect the plug of the new loom the boost pressure sensor

plug in the correct position



- ◇ The plug must be as show on the picture will be with the shallow edge on the side of the ridge.
- ◇ With some higher force, it is possible to push the plug with the round side on the ridge!!!

INSTALLATIONGUIDE

BMW 3.0d Modell
from 2011 onwards



14109353

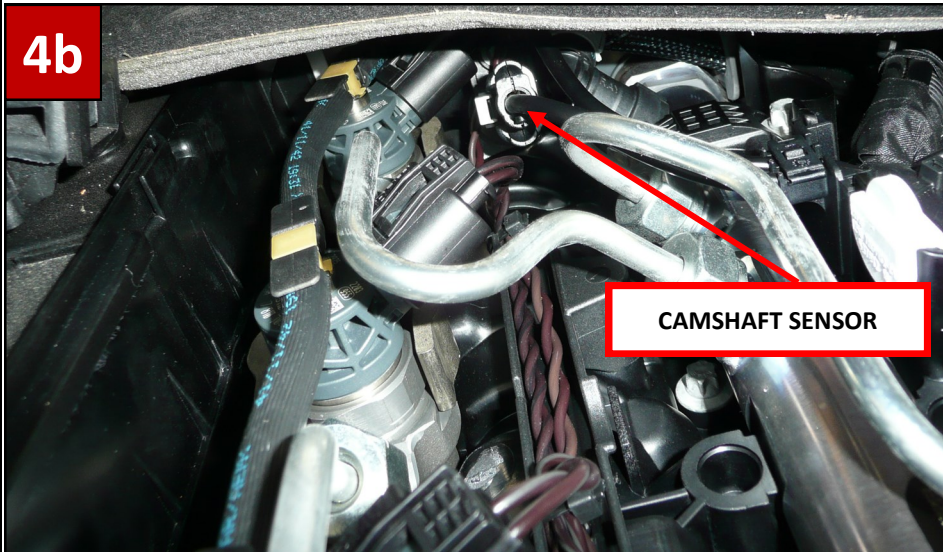
4a



4. Camshaft sensor

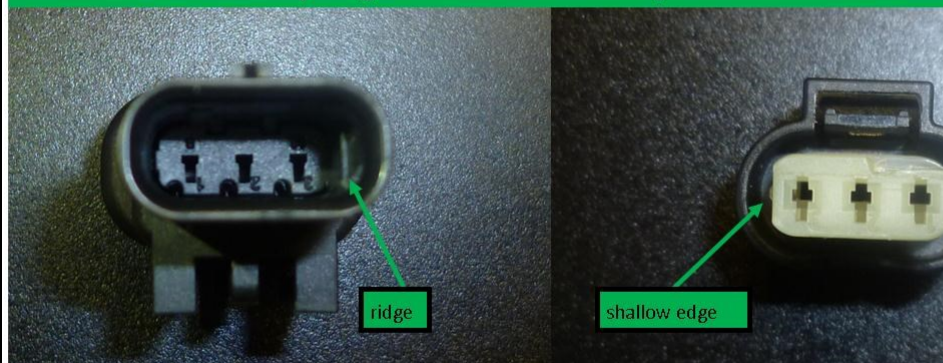
◇ The camshaft sensor is located at the rear of the engine near to the common rail

4b



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

plug in the correct position



- ◇ The plug must be as show on the picture will be with the shallow edge on the side of the ridge.
- ◇ With some higher force, it is possible to push the plug with the round side on the ridge!!!

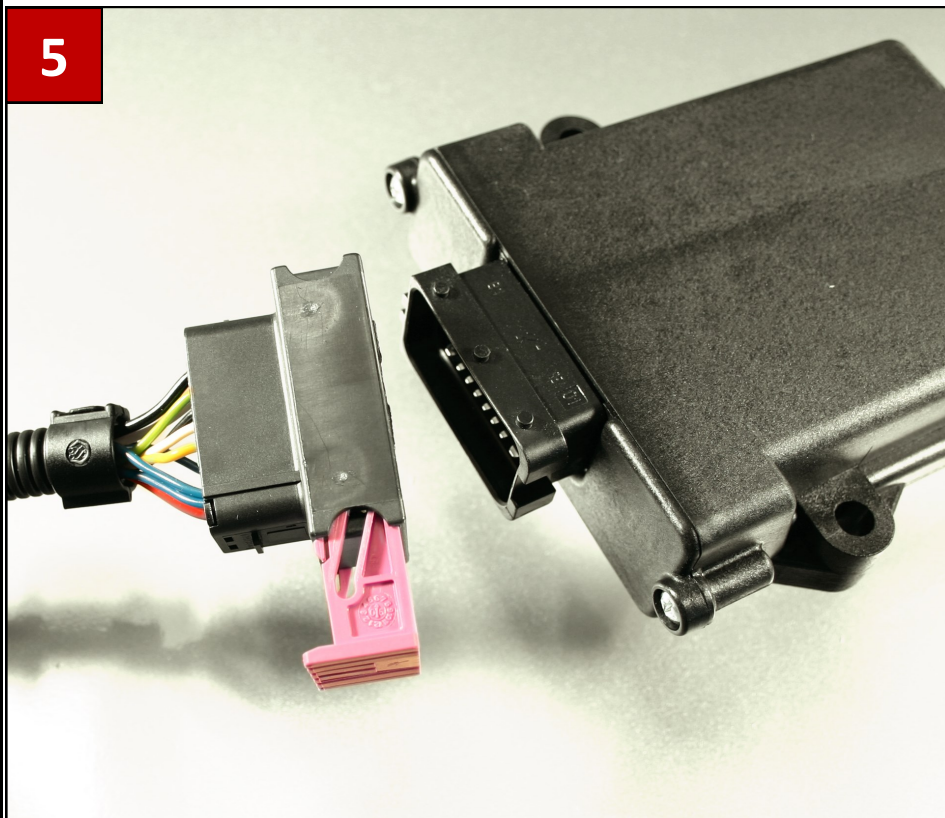
INSTALLATIONGUIDE

BMW 3.0d Modell
from 2011 onwards



14109353

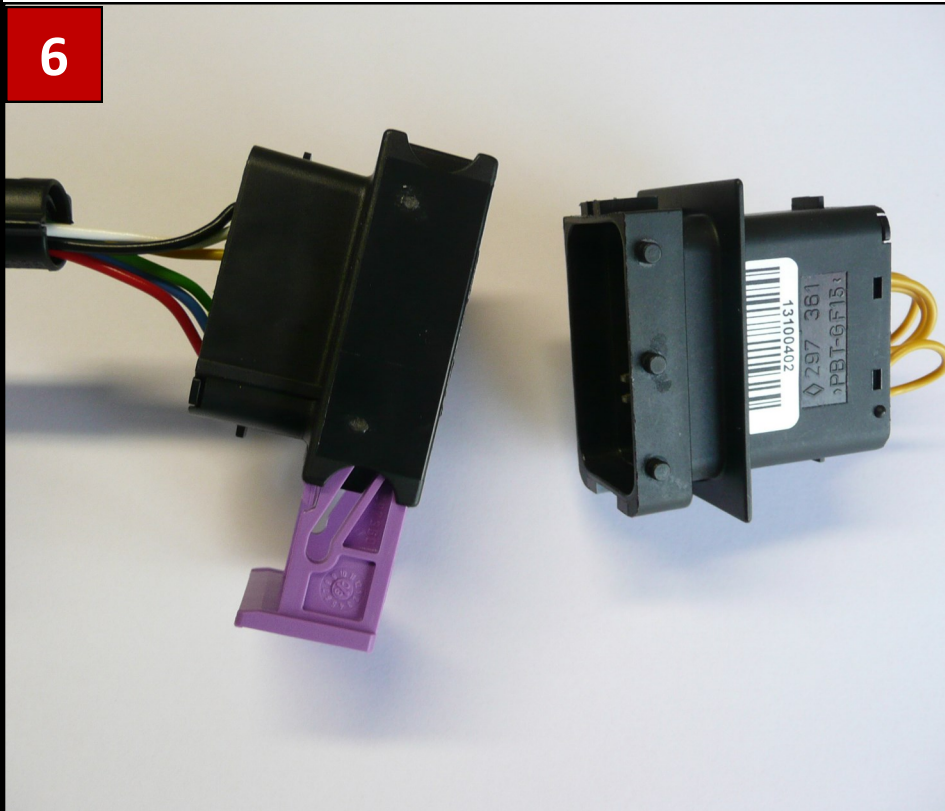
5



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.