

Installation instructions

BMW 3.0 SD

Railpressure-Boostpressure-Camshaft

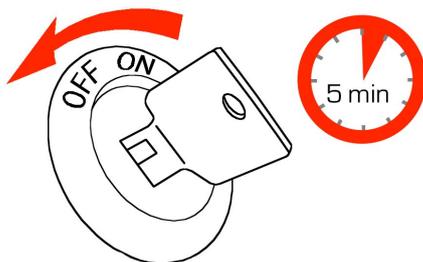


The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements. The product must be appropriately inserted around dangers for persons and things to exclude and a perfect and safe function mode to ensure. Here to have it the fitting instruction including the safety references carefully to read.

Control before the installation of the Chiptuning box the completeness of the parts belonging to the scope of supply.

Lieferumfang:

Quantaty	Designation	Articlenumber
1x	Chiptuning Box	111064
1x	Cable Set	121117/24
1x	Bridge-Plug 24pole	13100402
1x	Cable straps	13600004



1. Before installation turn off the ignition!
2. Take the ignition key off!
3. Lock all your vehicle doors!
4. Don't open the vehicle doors during installation!
5. Then wait at least 5 minutes before installation



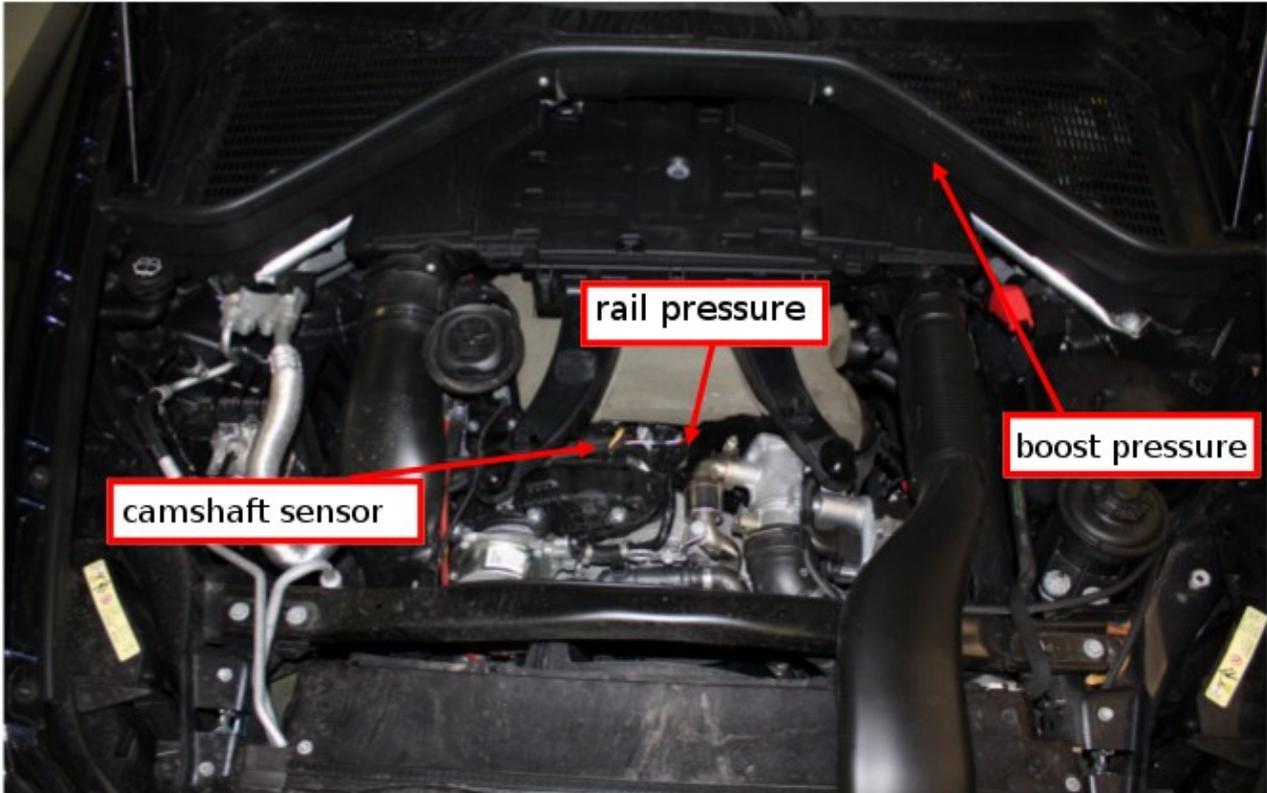
To avoid damage to vehicle electronic components, please make sure before installing the electronics that you take appropriate action to electrostatic discharge. Obstruct the electronics absolutely waterproof and shock resistant. Do not modify the tuning kit before (as lengthening or shortening of the harness, etc.).

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Overview:

The Chiptuning box is attached to the following points:

- rail pressure sensor (S. 3)
- Boost pressure sensor (S. 4)
- camshaft sensor (S. 5)

Necessary tools:

- no

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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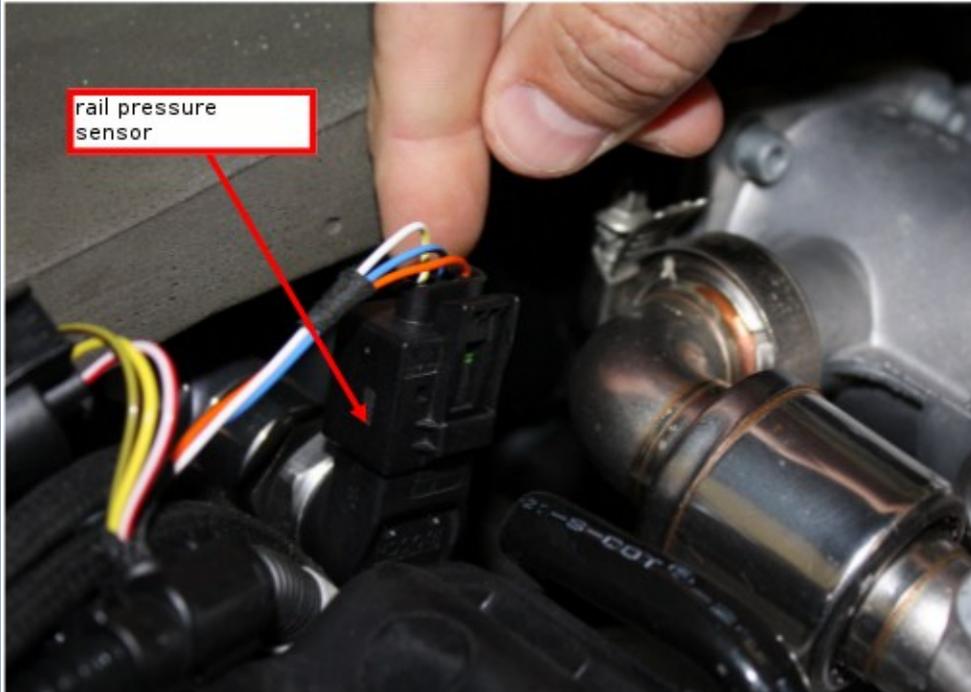
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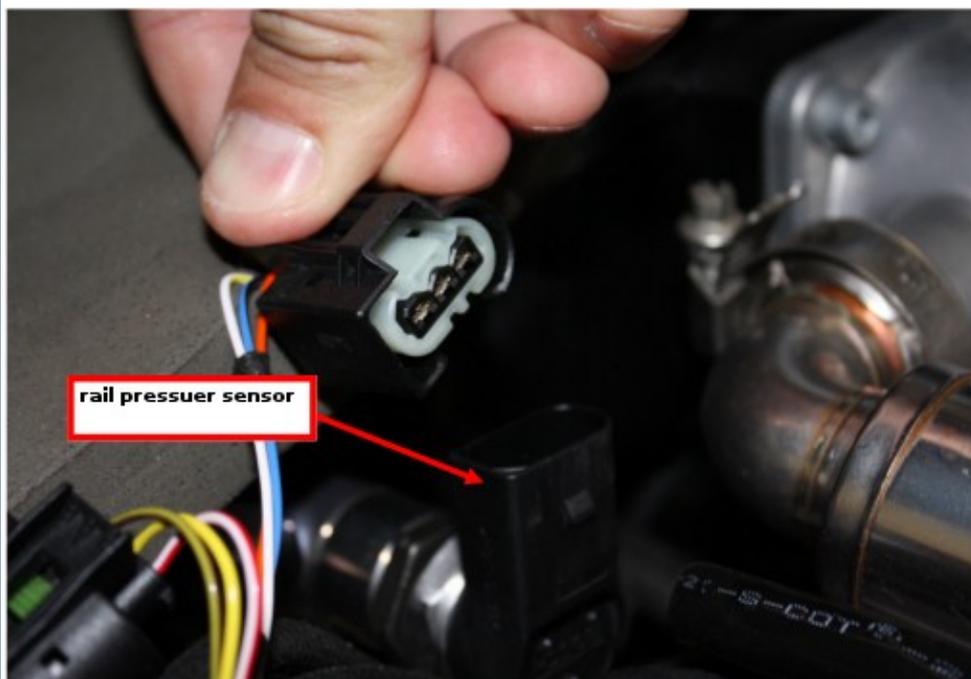
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Connect to the rail pressure sensor



-First, loosen the plug connection of the rail pressure sensor connector from the rail pressure sensor.

-The rail pressure sensor is located on the top of the engine at the common rail tube.



-After the rail pressure sensor connector from the rail pressure sensor is removed, insert between these separated connectors the wire harness.

-The appropriate plug on the new harness shall now attached to the rail pressure sensor.

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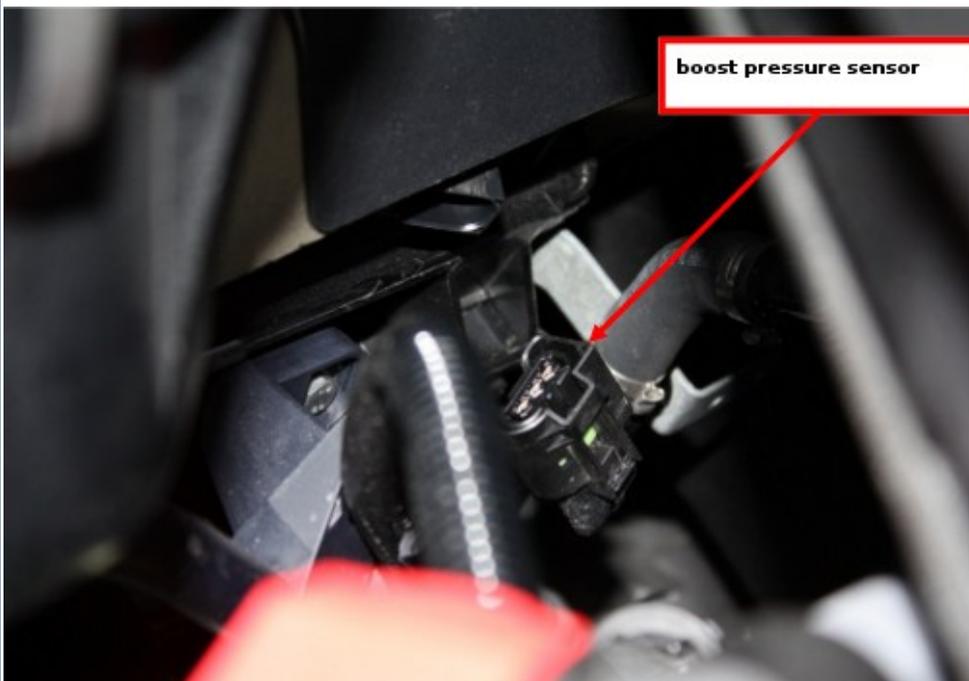
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Connect to the boost pressure sensor



-First, loosen the plug connection of the boost pressure sensor connector from the boost pressure sensor.

-The boost pressure sensor is located on the top of the engine as marked.



-Remove the boost pressure connector of the boost pressure sensor

-Make sure that the safety lever is unlocked the connector

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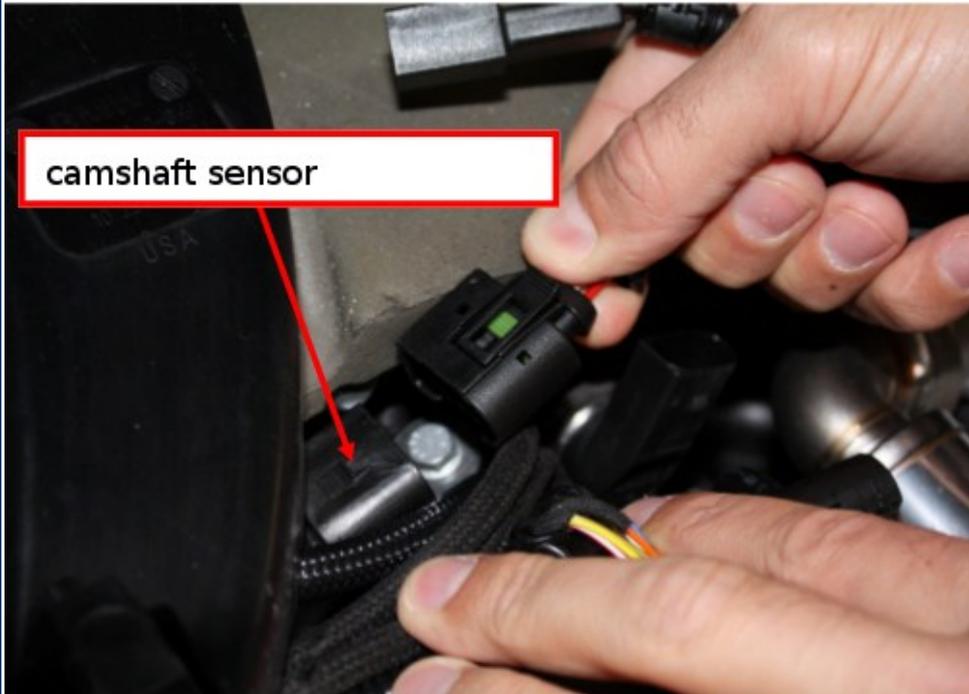
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Anschließen am Nockenwellensensor



-First, loosen the plug connection of the camshaft position encoder sensor.

-The camshaft position encoder sensor is located on the top of the engine under the insulating mat.



-Remove the camshaft position sensor connector from the camshaft position sensor and connect the plug to the corresponding plug on the new harness.

-The appropriate plug on the new harness is now attached to the camshaft position sensor

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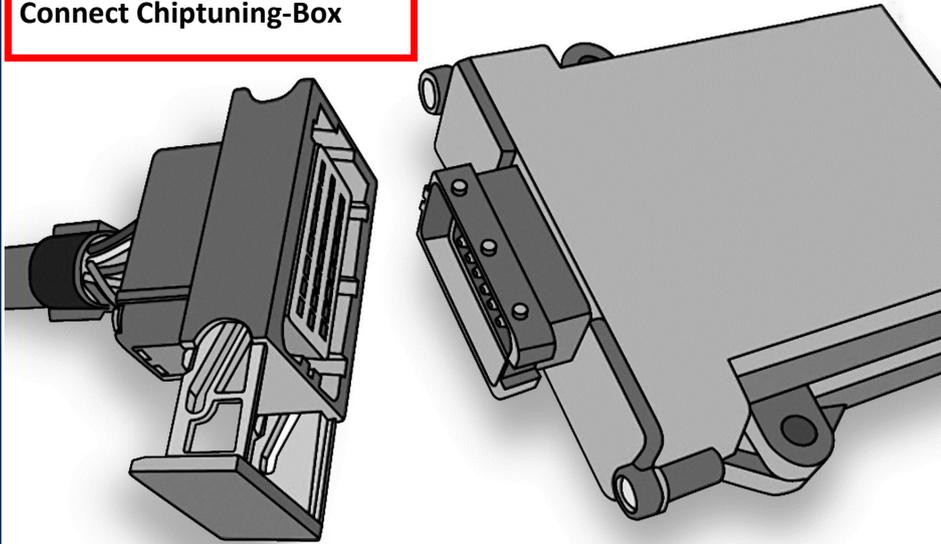
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Connect the Chiptuning-Box

Connect Chiptuning-Box



- Lay the cable in the direction of a suitable installation location
- The connectors must engage so that a secure connection is guaranteed
- Fix the cables with cable ties
- Finally connect the chip tuning box with the new harness

We wish you a lot of fun with your new tuning box.