

Installation instructions

BMW M135i, M2
135i und 335i



14109796

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.

included:

quantaty designation

1x Chiptuning Box

1x Cable Set

1x Bridge-Plug 24pole

1x Cable straps



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



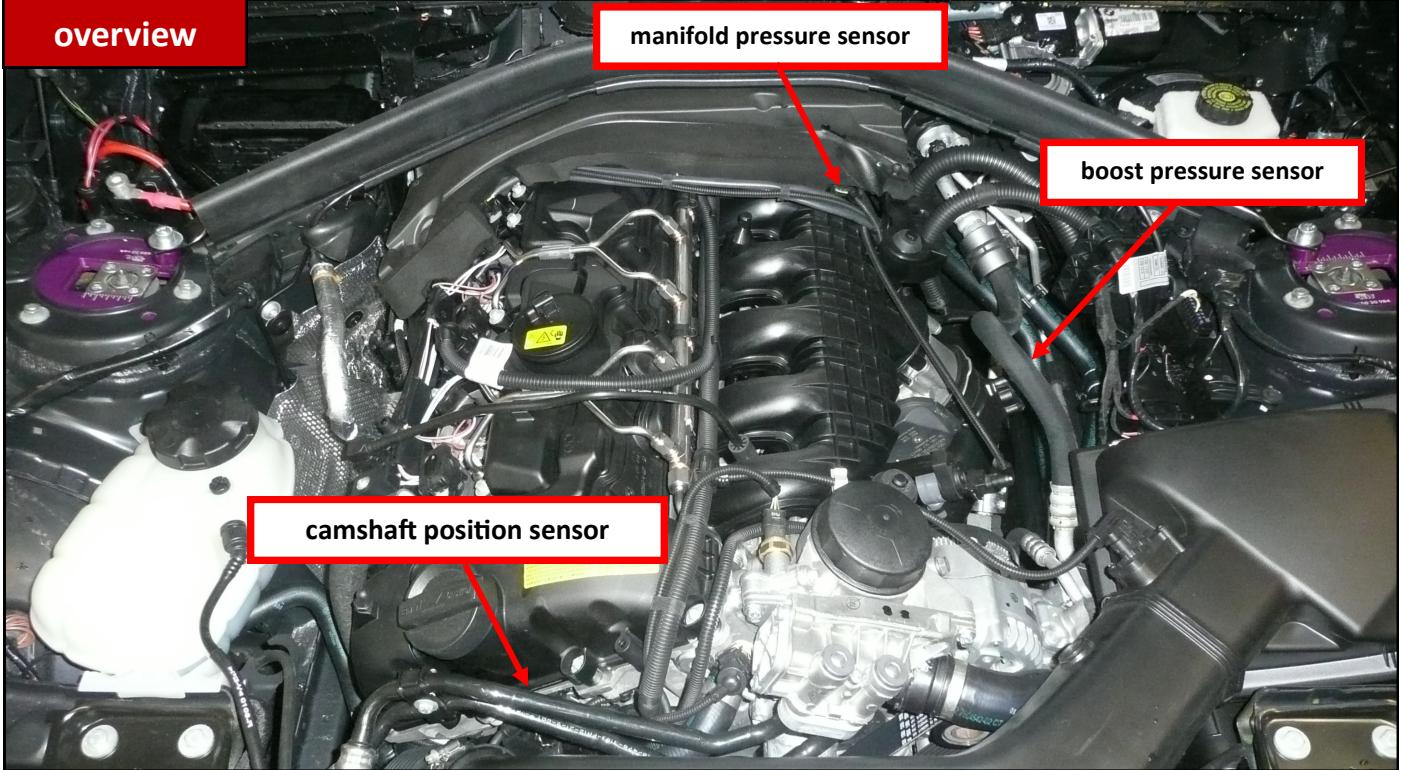
To avoid damage to vehicle electronic components, please make sure before installing the electronics that you take appropriate action to electrostatic discharge. Obstruct the electronics absolutely waterproof and shock resistant. Do not modify the tuning kit before (as lengthening or shortening of the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

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overview



Overview:

The Chiptuning box is attached to the following points:

- Camshaft position sensor
- Manifold pressure sensor
- Boost pressure sensor

Necessary tools:

- side cutter

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
- ***To reach the maximum power min. Super Unleaded (98 RoZ) or better has to be refueled***

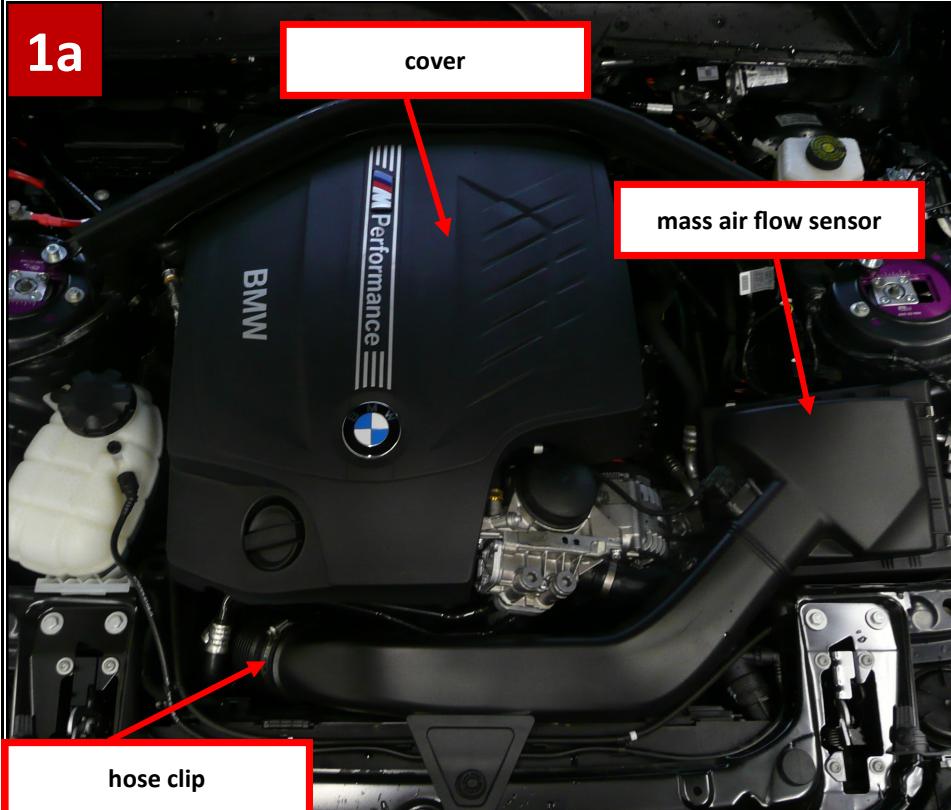
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1a



1. preparation

- ◊ Before you can begin the installation, you must remove the engine cover and the air filter hose.
- ◊ The engine cover is only attached with clips
- ◊ Pull the engine cover off upwards
- ◊ To remove the air filter hose, loosen the hose clip and the mass air flow sensor

1b



- ◊ Then pull the air filter hose carefully upwards

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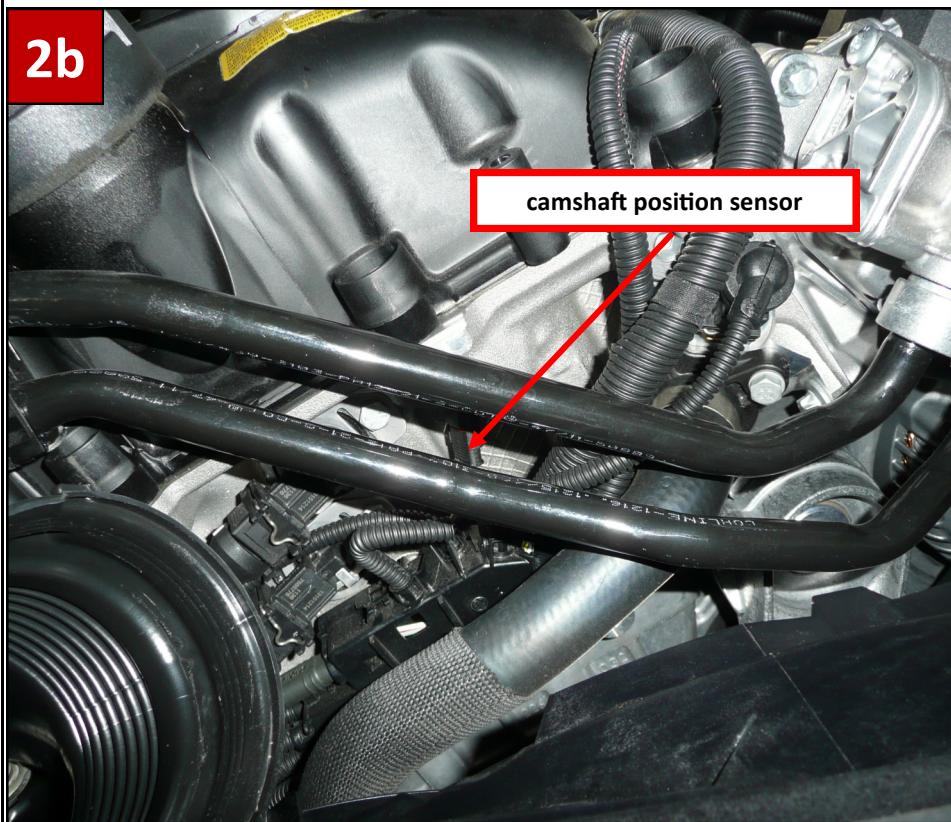
2a



1. camshaft position sensor

- ◊ The camshaft position sensor is located on the front of the engine

2b



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

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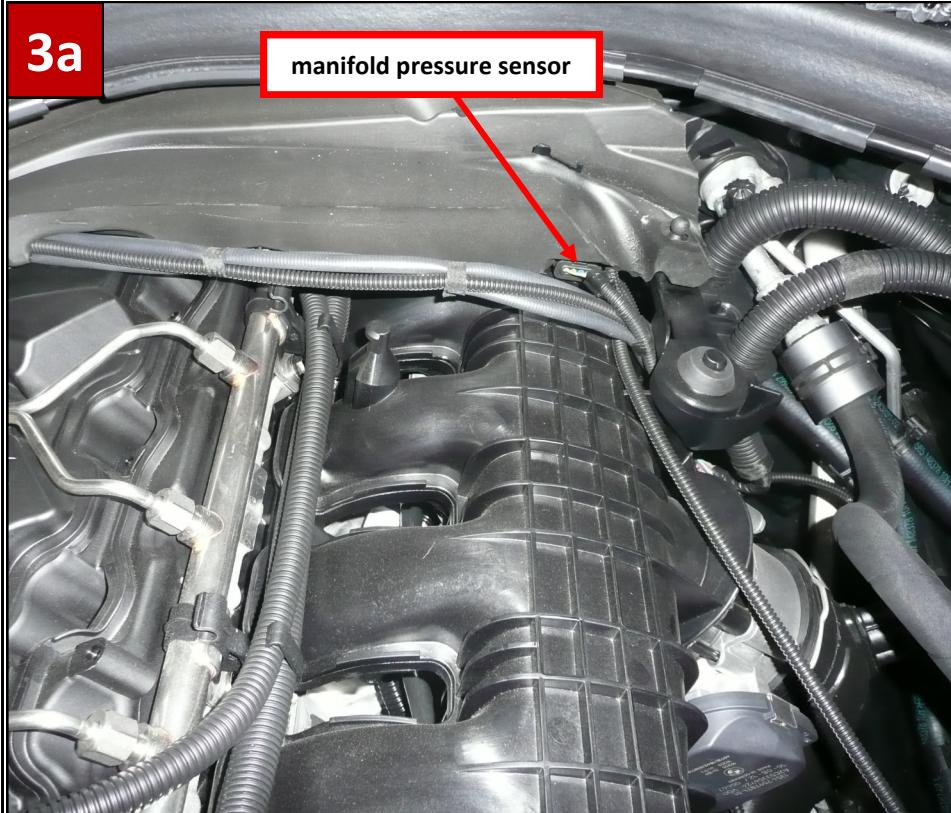
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3a

manifold pressure sensor



2. manifold pressure sensor

◊ The manifold pressure sensor is located on the intake manifold on the driver side

3b

manifold pressure sensor



◊ Disconnect the plug from the manifold pressure sensor.

◊ Attach the manifold pressure sensor plug to the new loom

◊ Connect the plug of the new loom to the manifold pressure sensor

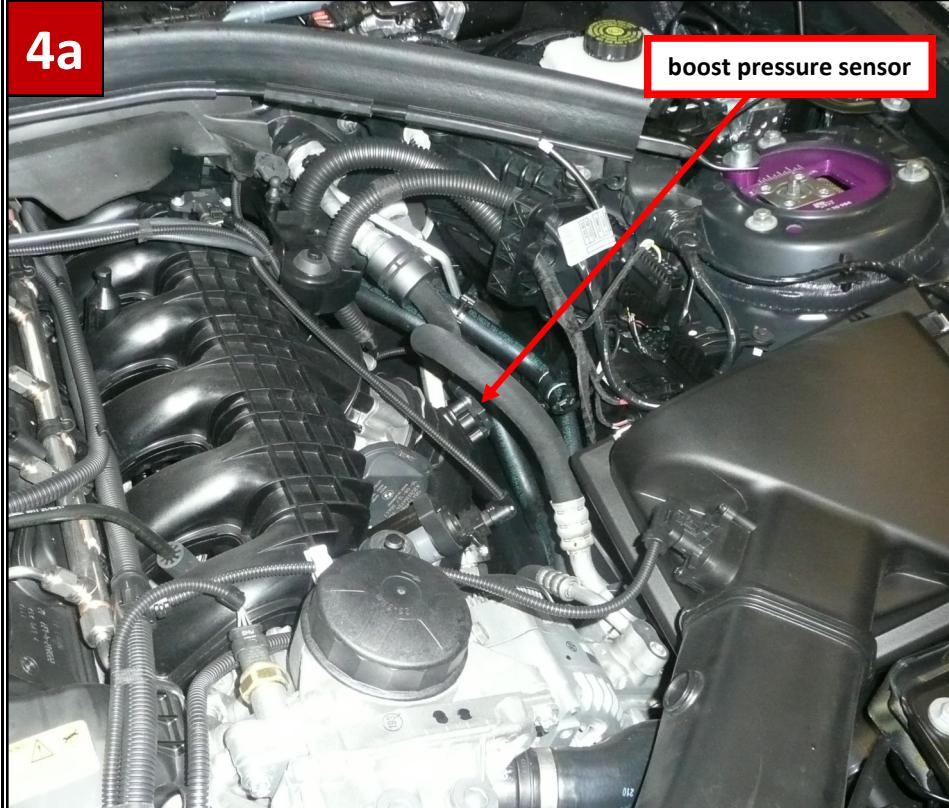
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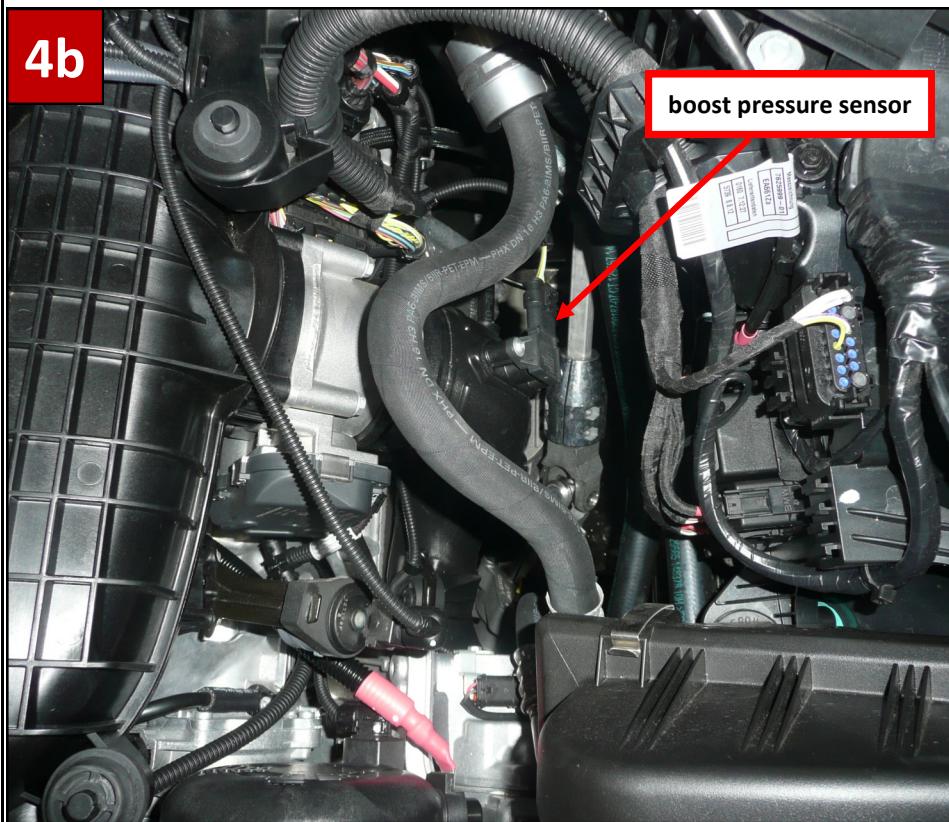
4a



3. boost pressure sensor

- ◊ The boost pressure sensor is located on the charge air pipe in front of the throttle body

4b



- ◊ 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

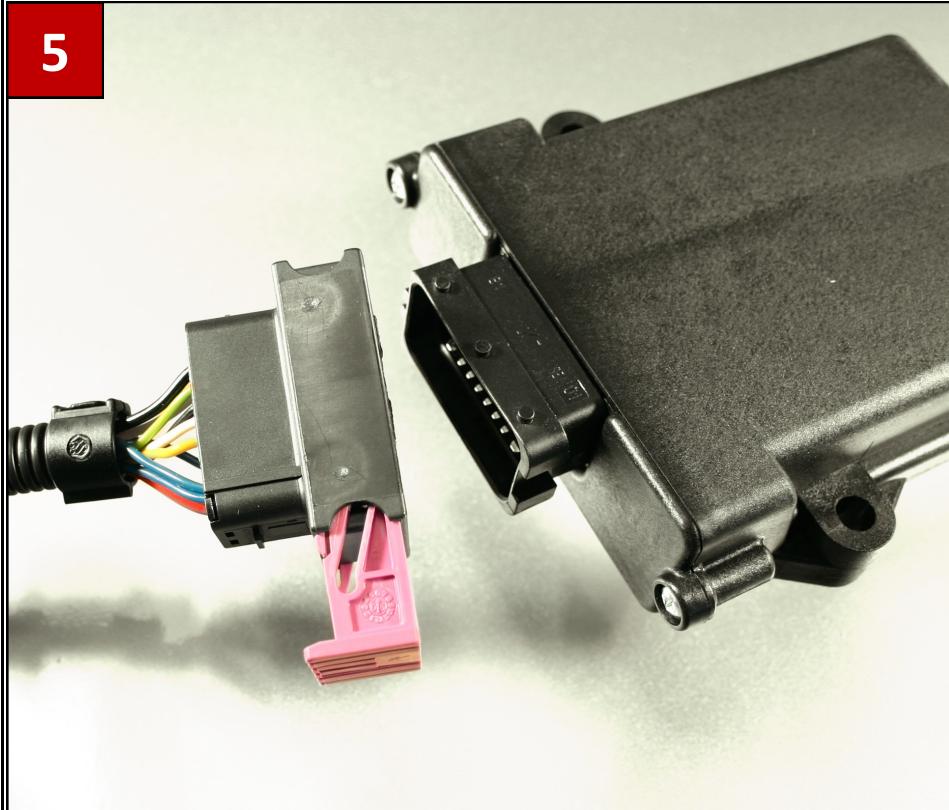
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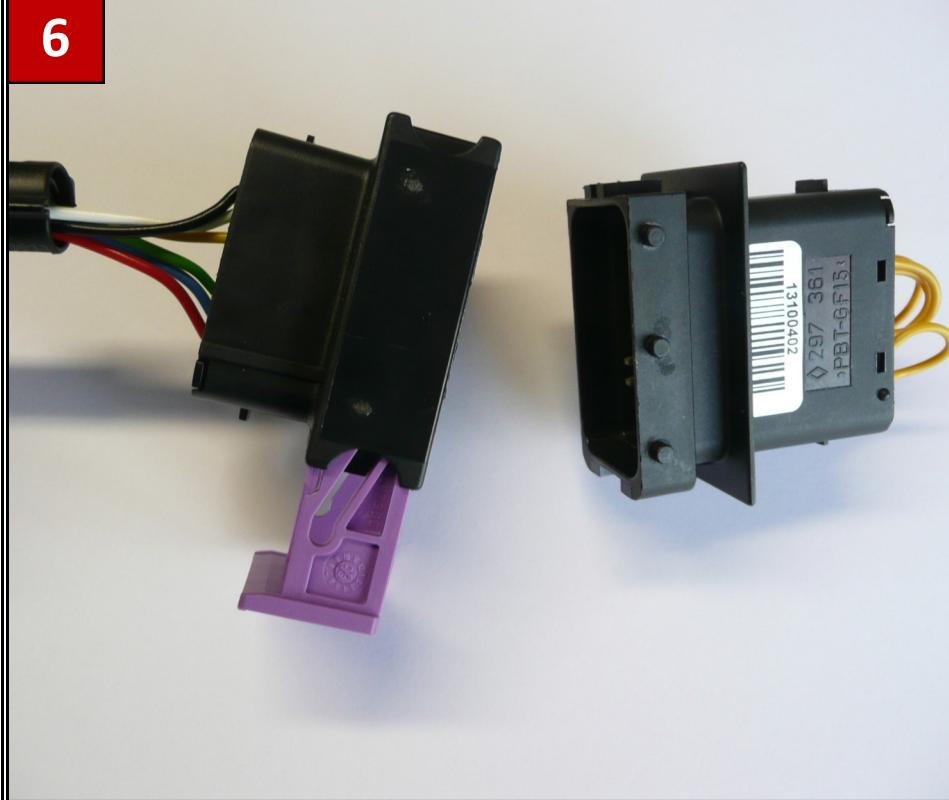
5



4. tuningbox

- ◊ Finally install the cable towards a suitable position
- ◊ The plugs must be engage, 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.