

# Installation instructions

**MERCEDES  
V8 BI-TURBO**



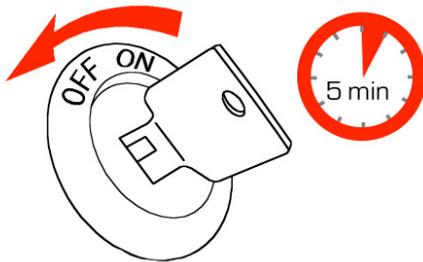
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The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements. The product must be appropriately inserted around dangers for persons and things to exclude and a perfect and safe function 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.).

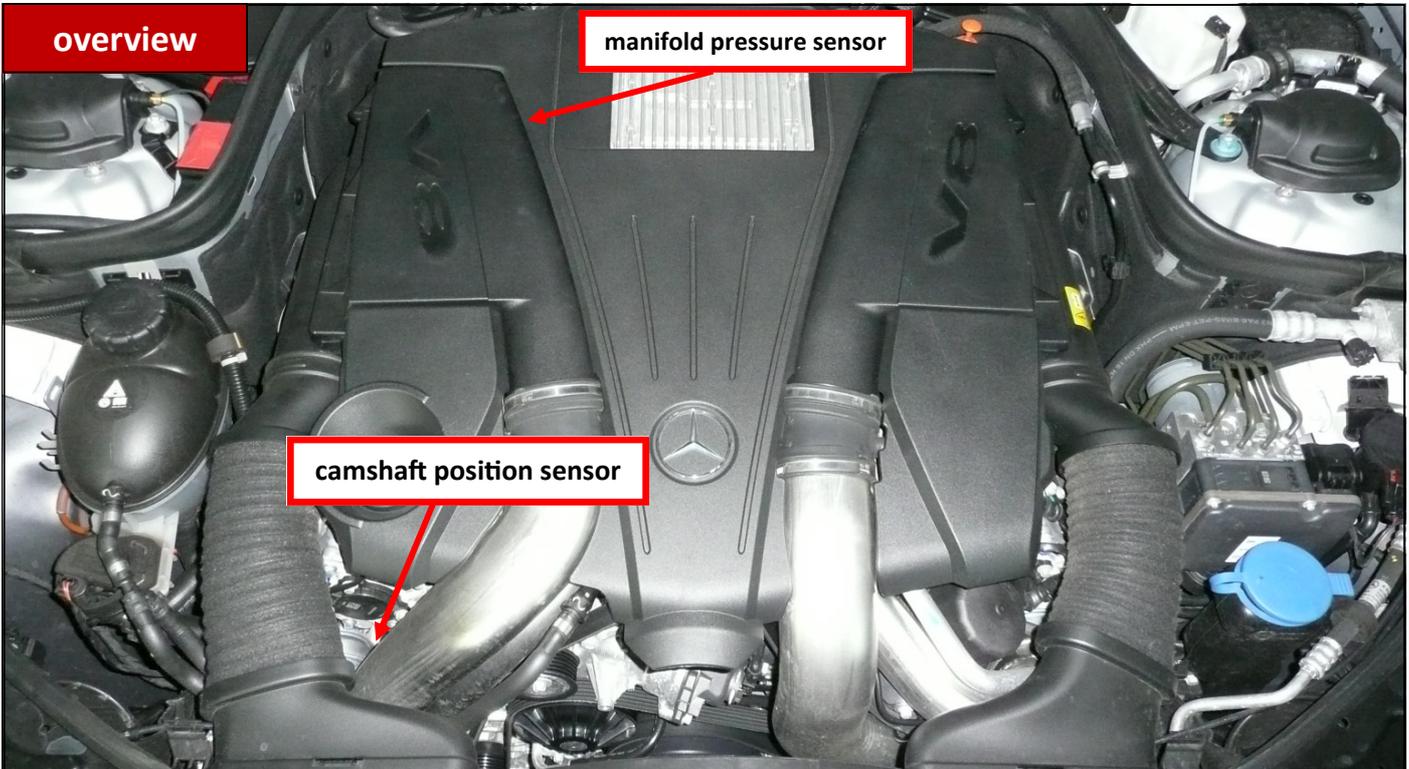
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## overview



## overview:

The chiptuning box is attached to the following points:

- Camshaft position sensor
- Manifold pressure sensor

## necessary tools:

- 16.- and 17. wrench, small screwdriver

## 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*

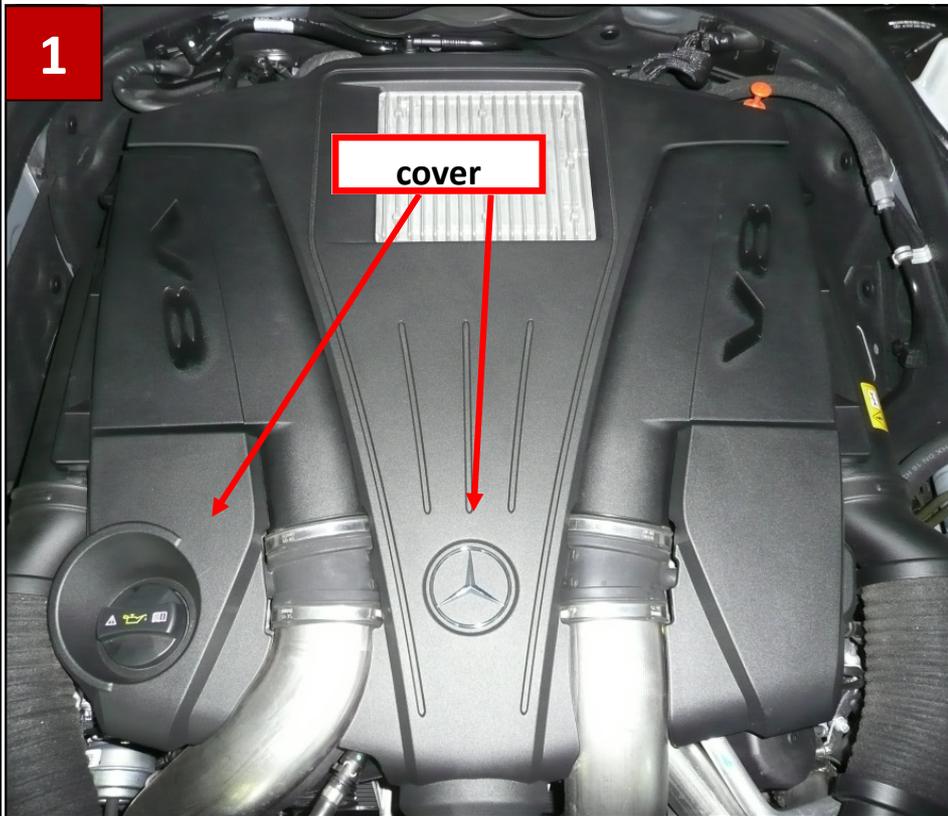
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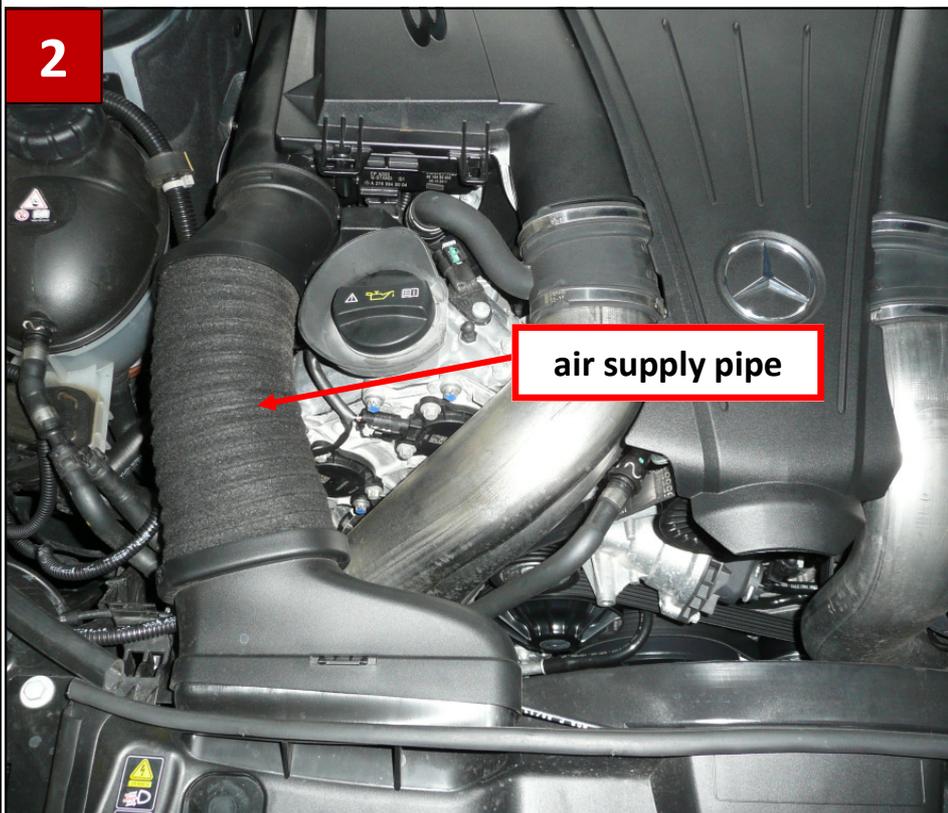
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## 1. preparation

- ◇ Before you can begin the installation, you need to make some preparations.
- ◇ First remove the plastic cover around the oil filler
- ◇ Then remove the engine cover in the middle
- ◇ Both covers are only secured with clips

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- ◇ Then you must remove the air supply pipe
- ◇ The air intake pipe is only clipped at the air filter box and at the front part.

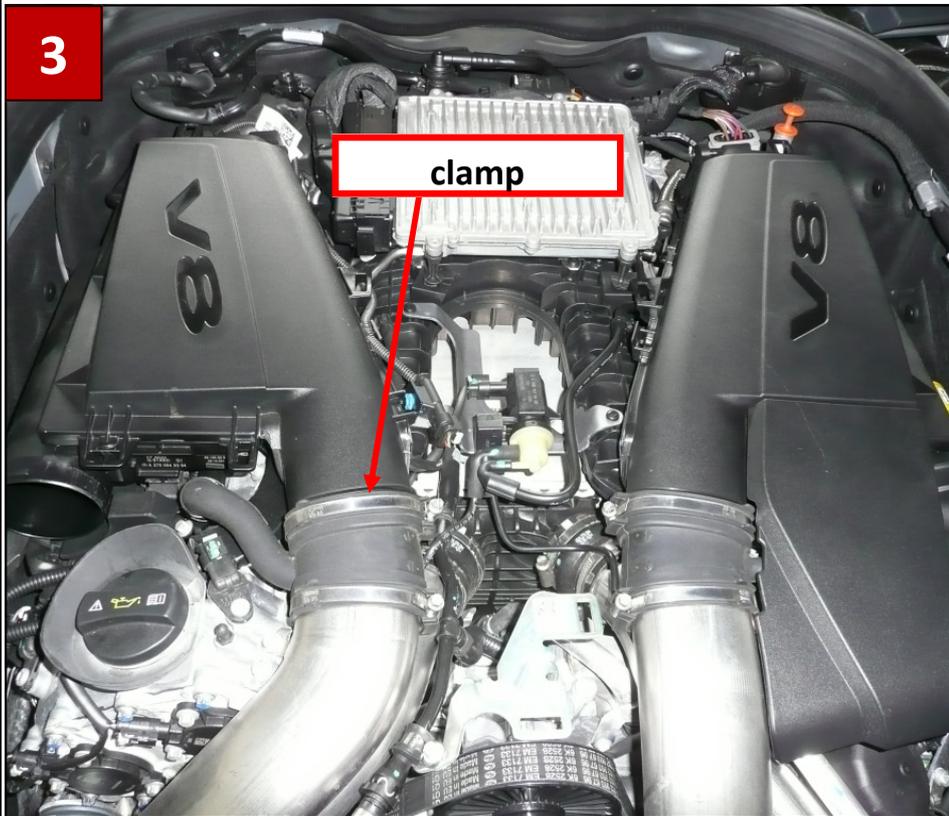
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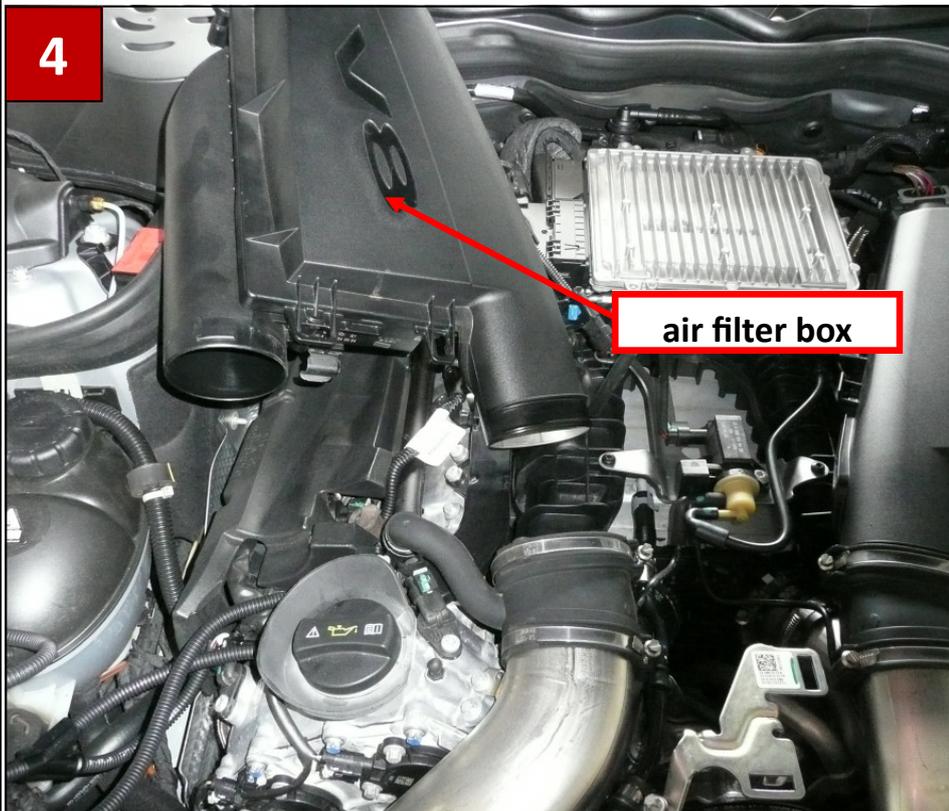
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- ◇ Now remove the air filter box
- ◇ This is secured by a clamp

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- ◇ Gently pull off the air filter box

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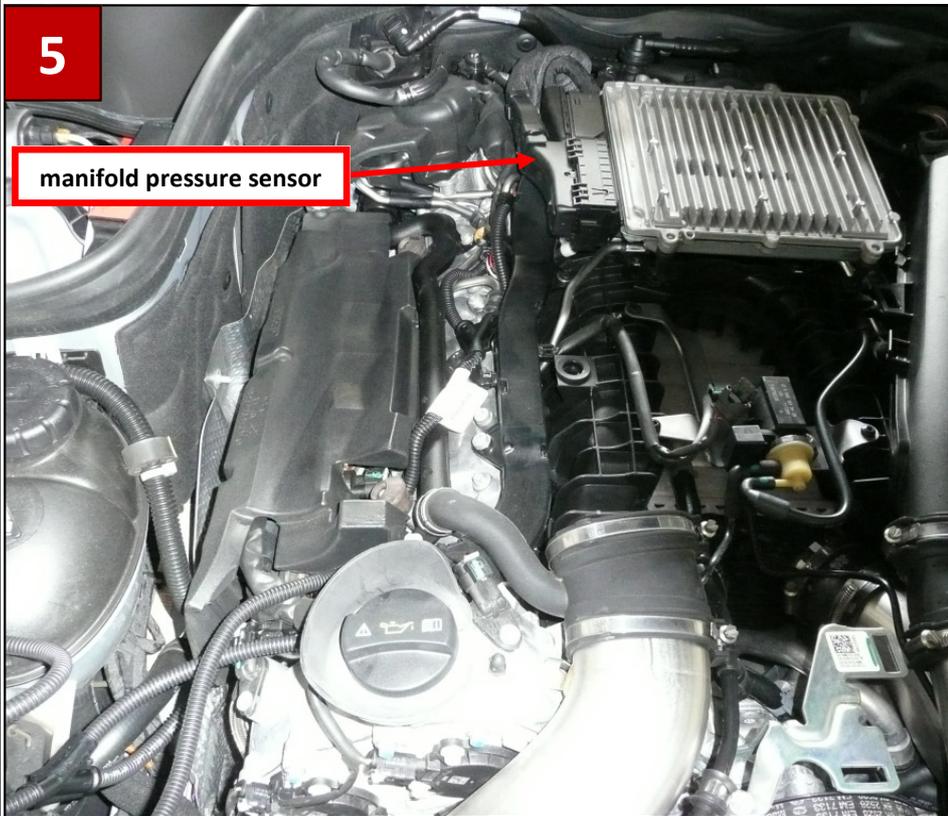
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manifold pressure sensor



## 2. manifold pressure sensor

The manifold pressure sensor is located at the rear of the engine below the water condenser

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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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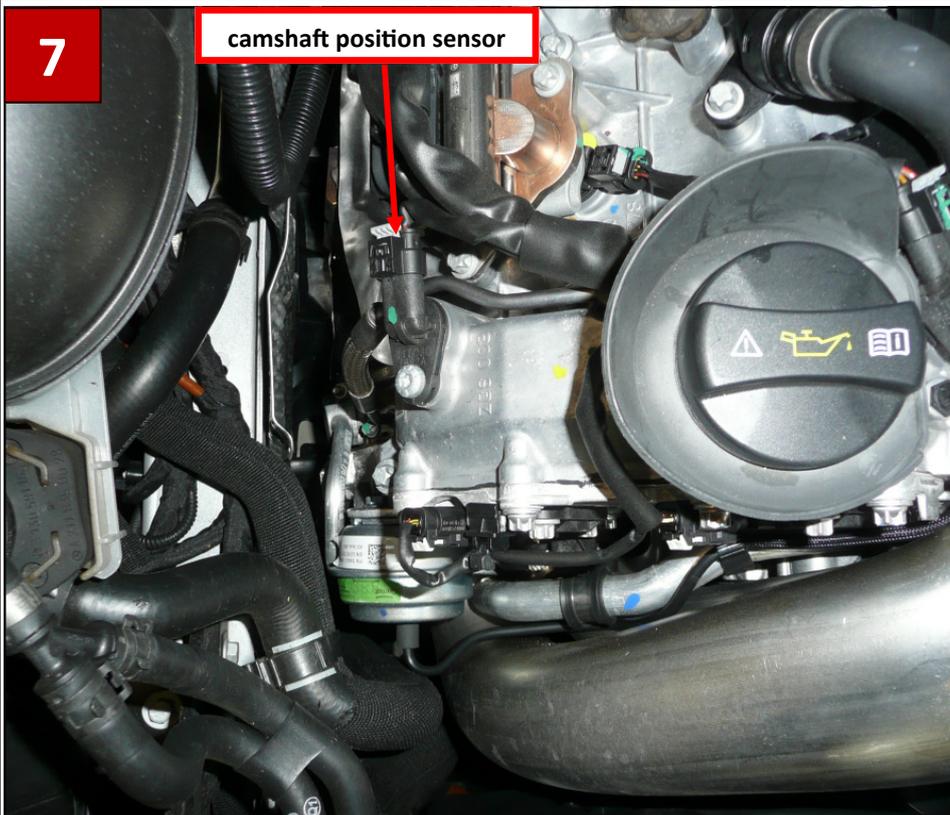
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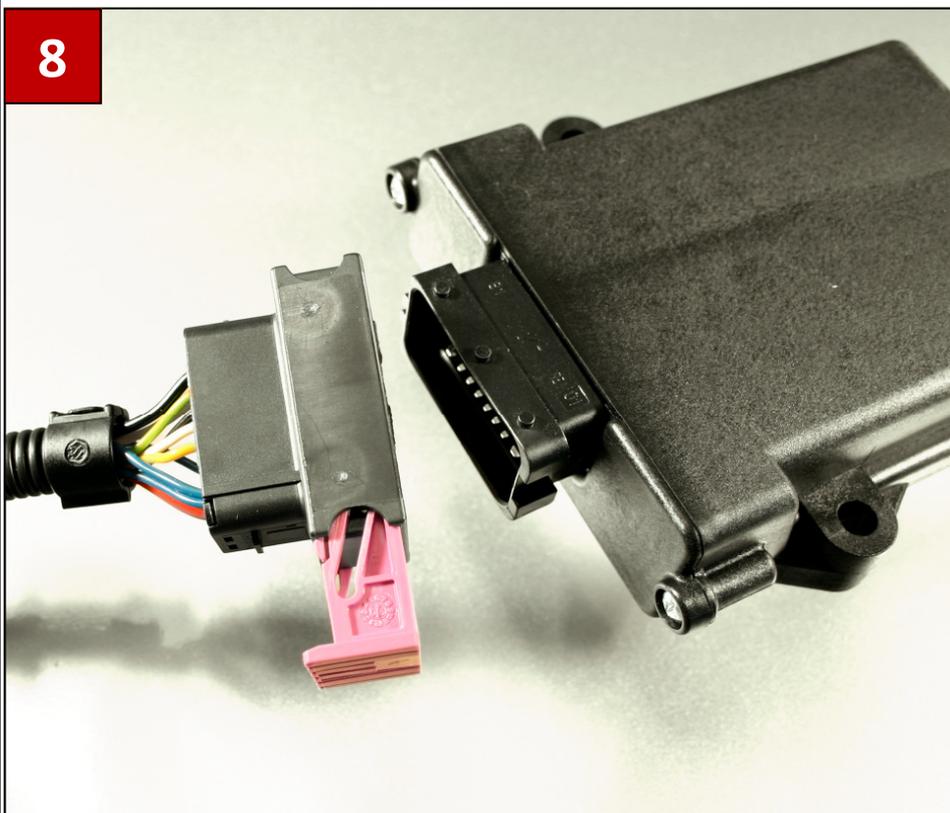
**camshaft position sensor**



### 3. camshaft position sensor

- ◇ 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.
- ◇ NOTE: The camshaft sensor is located directly in front of the oil filler

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### 4. tuningbox

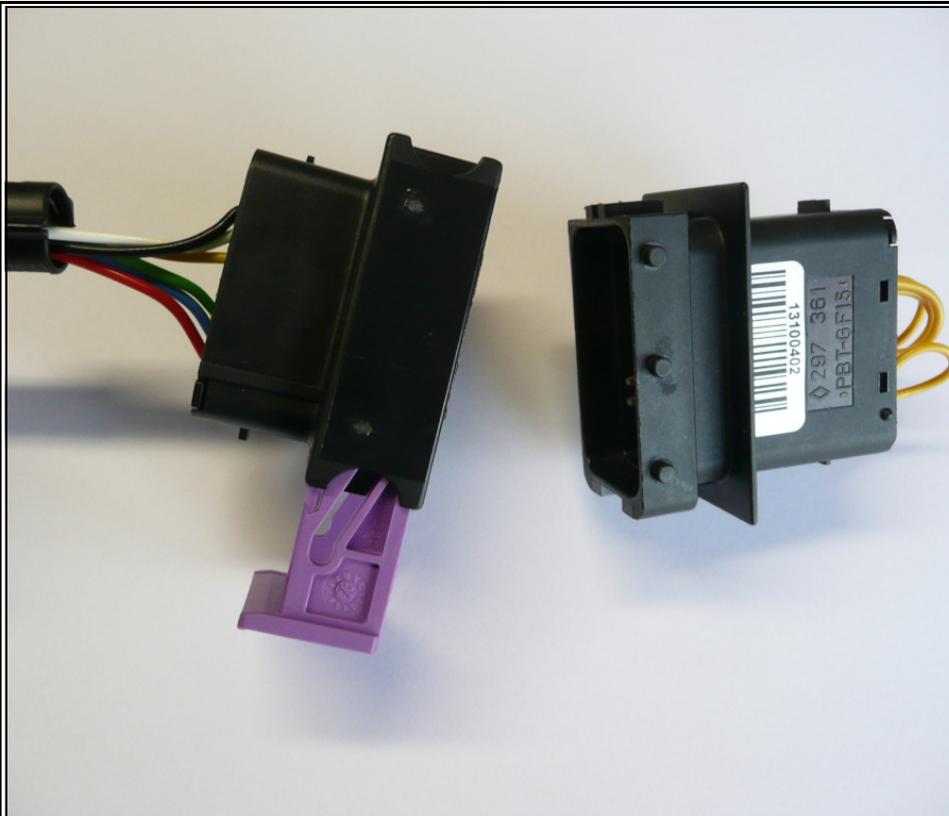
- ◇ Finally install the cable towards a suitable position
- ◇ The plugs must be engaged, so that a safe connection is ensured
- ◇ Fix the cable with cable ties
- ◇ Connect the tuningbox to the new loom

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## 5. 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.