

# Installation instructions

**Mercedes Benz**  
**400 / 450 CGI**



14110262

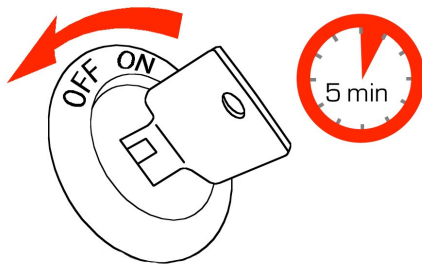
The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements.

The product must be installed properly to ensure a proper function and avoid danger for persons and things.

Please read this installation guide 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 ignition key!
4. Close and lock all doors!
5. Do not open any doors while installing the tuning kit!
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.

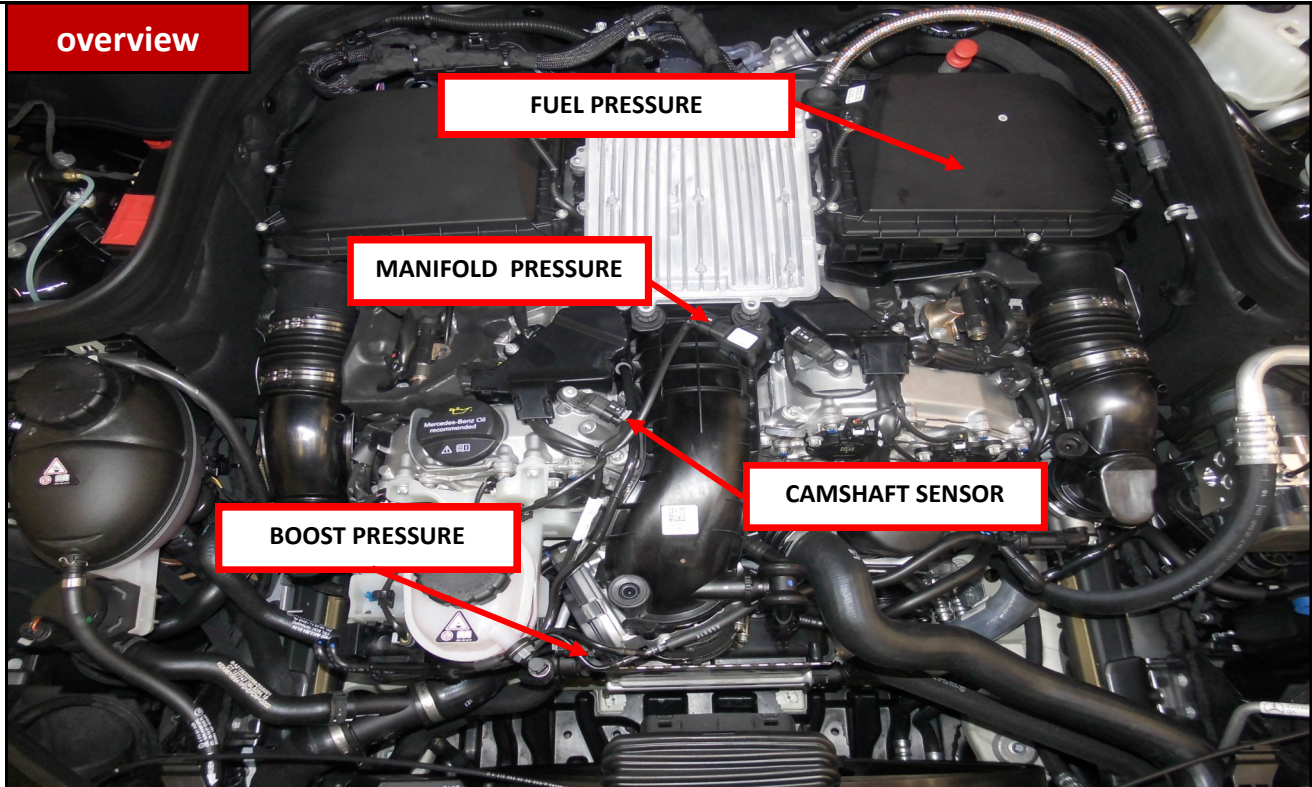
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## overview



## overview:

The chiptuning box is attached to the following points:

- boost pressure sensor
- manifold pressure sensor
- camshaft position sensor
- fuel 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***

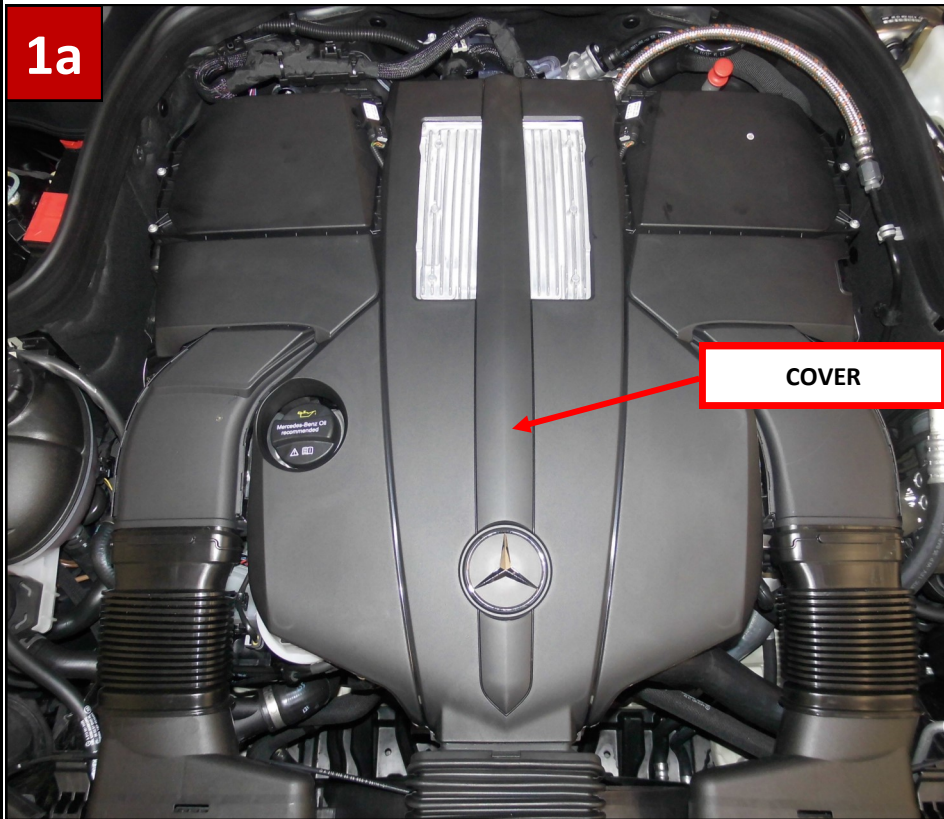
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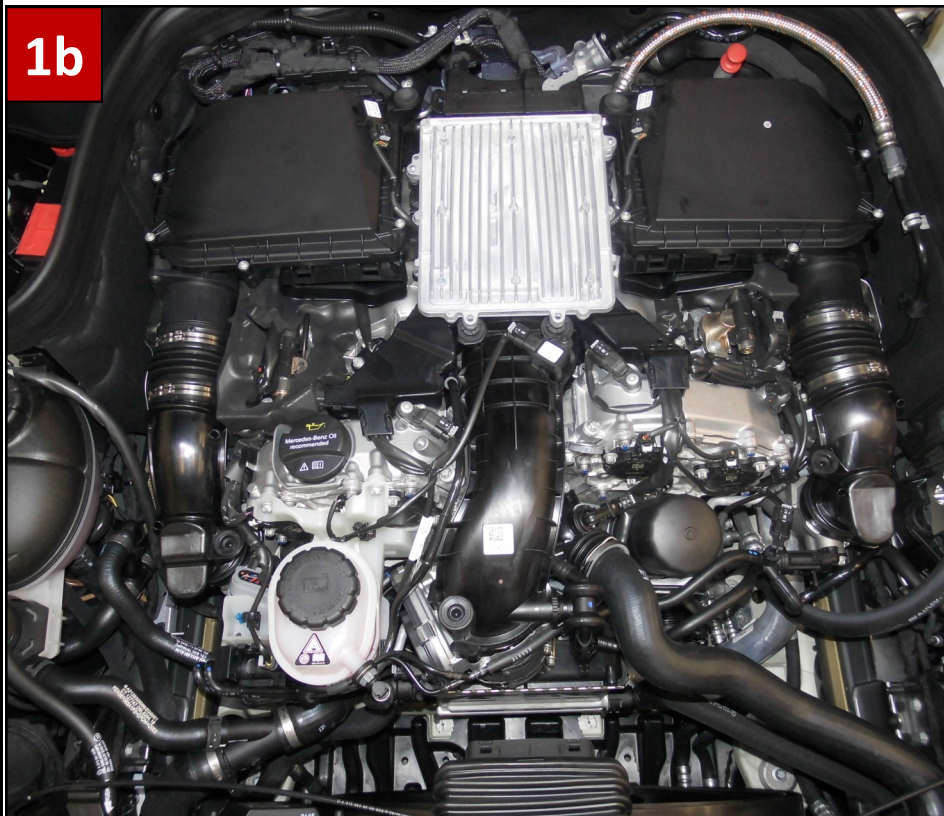
**1a**



## 1. preparation

◇ Before you can begin the installation of the tuning kit, you must remove the engine covers.

**1b**



## 1b. cover

◇ The engine covers are clipped to the engine.



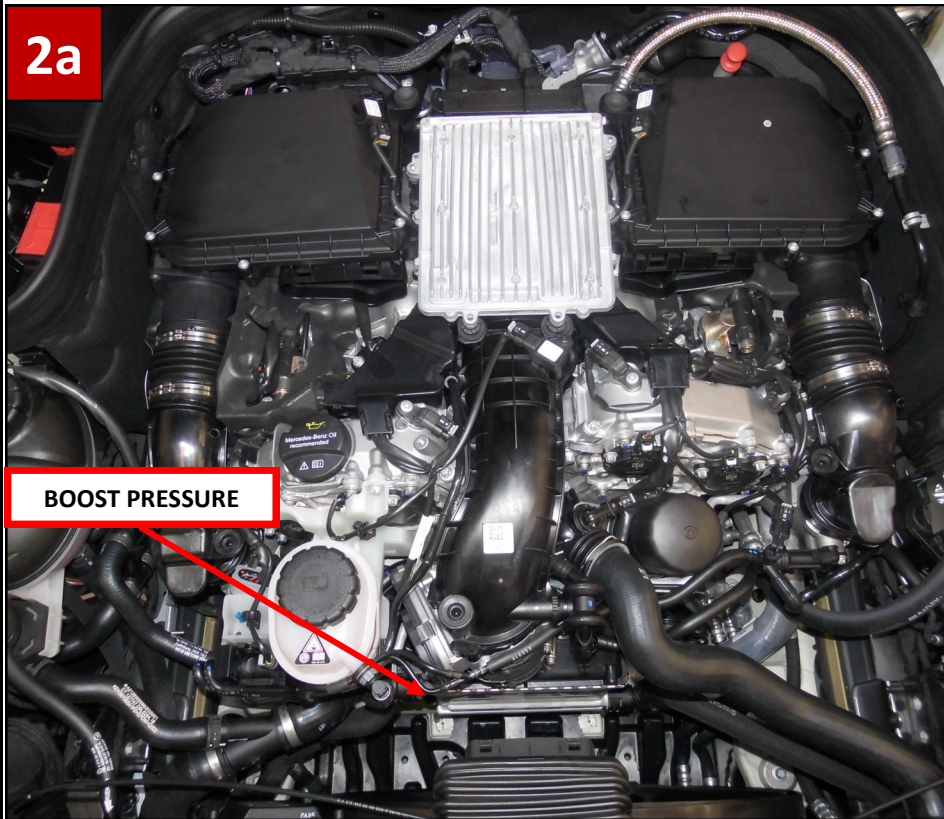
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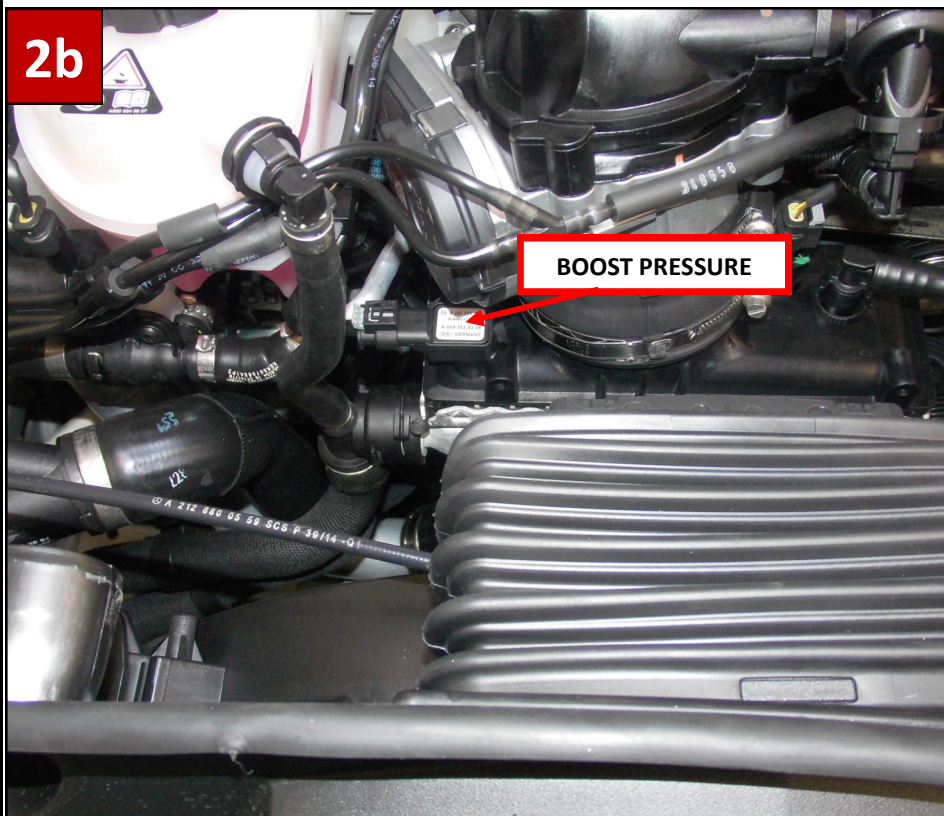
2a



## 2. boost pressure sensor

- ◇ The boost pressure sensor is to reach only from the bottom by unscrewing the cover under the engine.

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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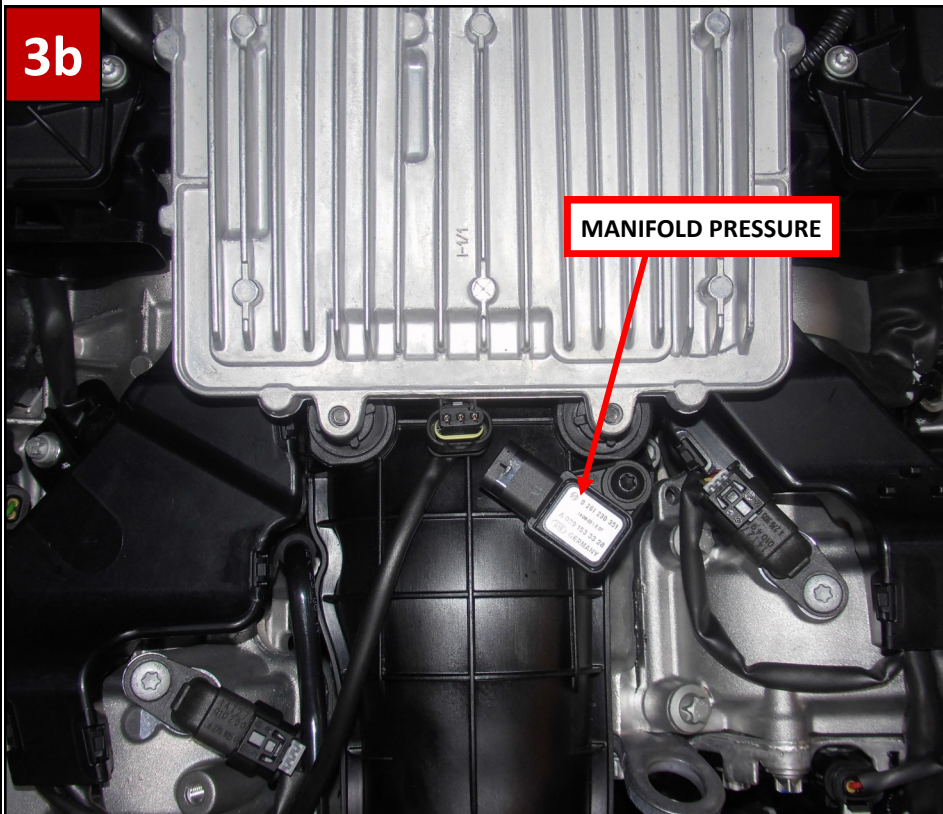
3a



## 3. manifold pressure

- ◇ Disconnect the plug from the manifold air pressure sensor
- ◇ Attach the manifold air pressure plug to the new loom.
- ◇ Connect the plug of the new loom to the manifold air pressure

3b





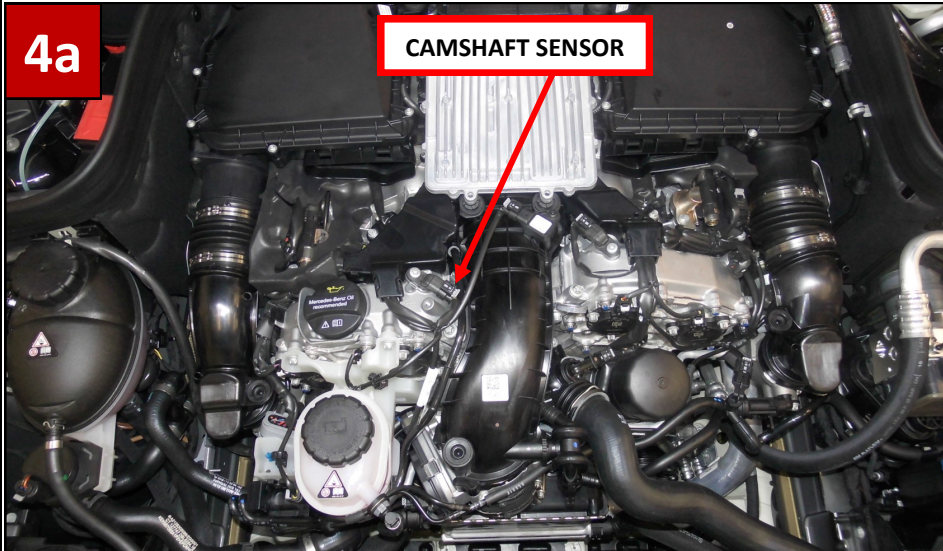
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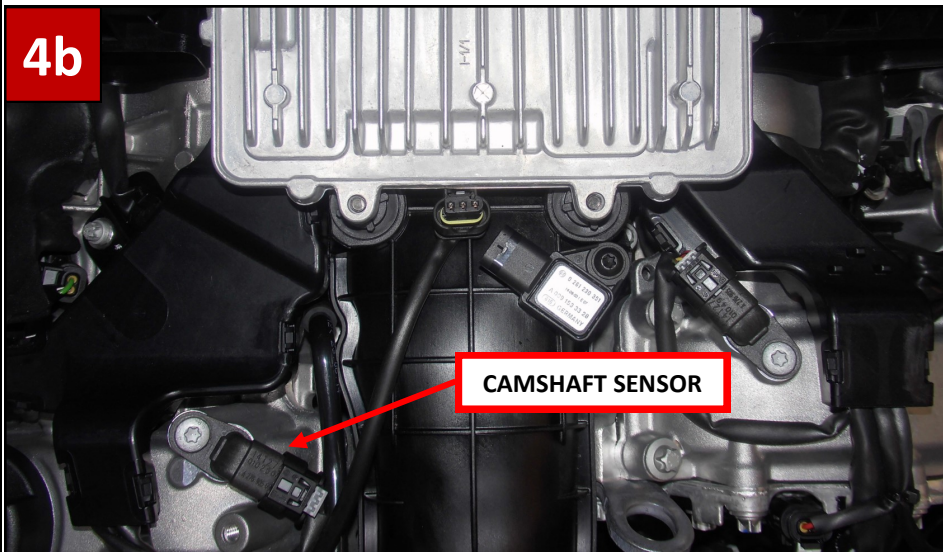
4a



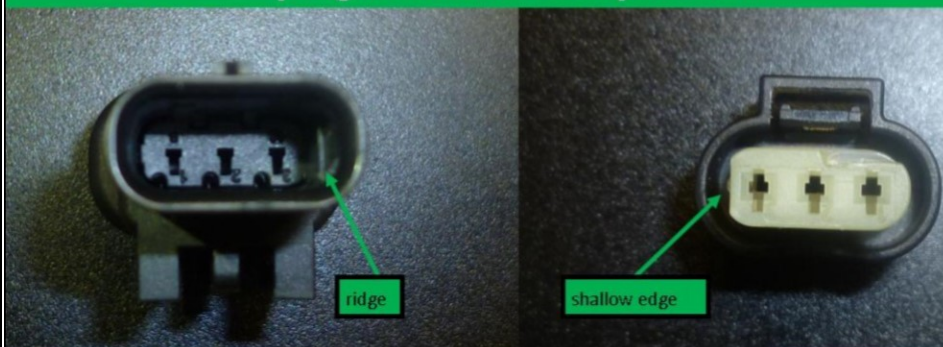
## 4. camshaft sensor

- ◇ 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

4b



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!!!





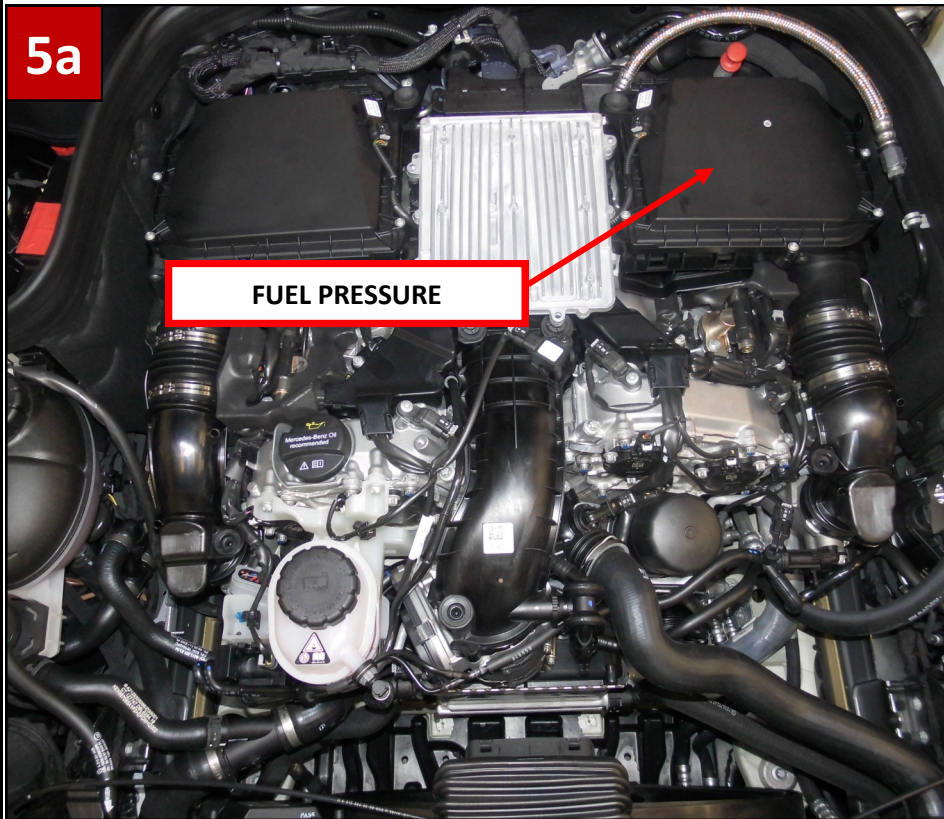
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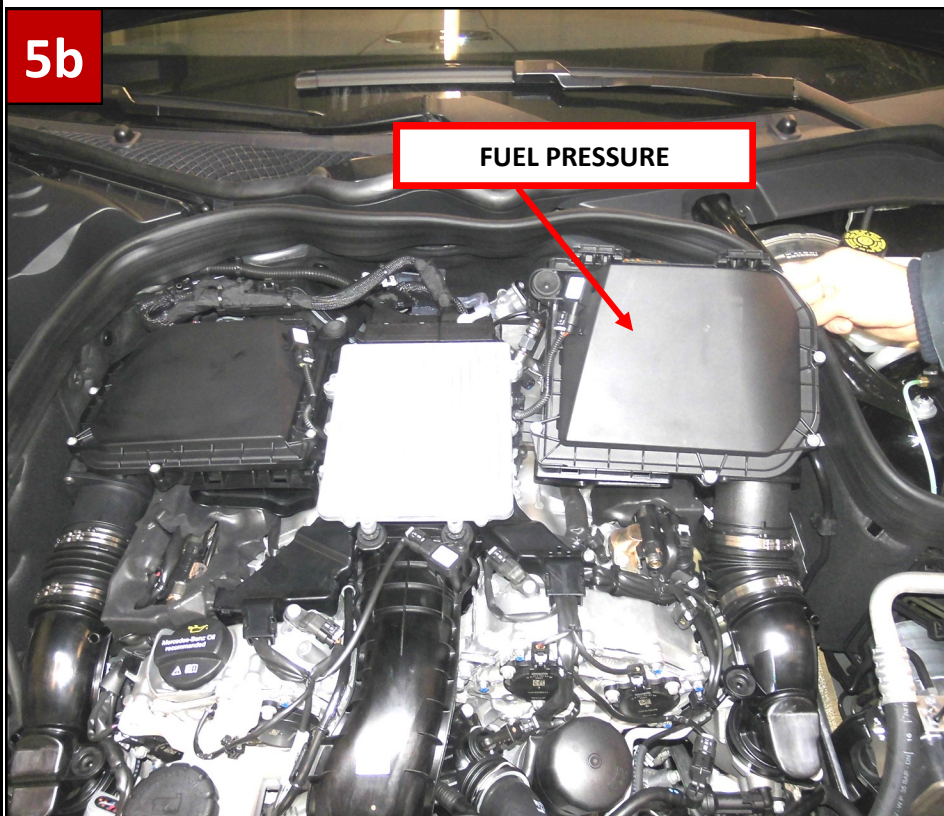
5a



## 5. fuel pressure sensor

- ◇ The fuel pressure sensor is located below the air filter box.
- ◇ The air filter box is only attached with some clips. Please carefully release and lift the air filter box.

5b



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5c

FUEL PRESSURE

## 5. fuel pressure sensor

- ◇ Disconnect the plug from the throttle valve switch
- ◇ Attach the throttle valve switch plug to the new loom.
- ◇ Connect the plug of the new loom to the Throttle valve switch
- ◇ Please make sure that the rubber inserts are positioned correctly before touch down.



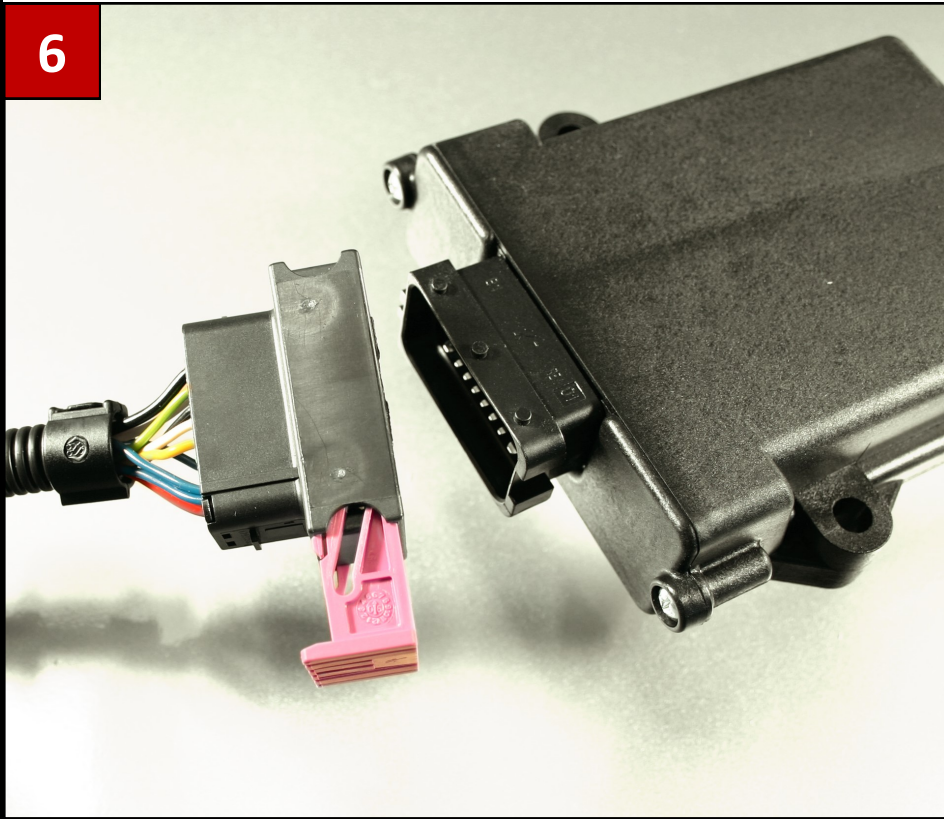
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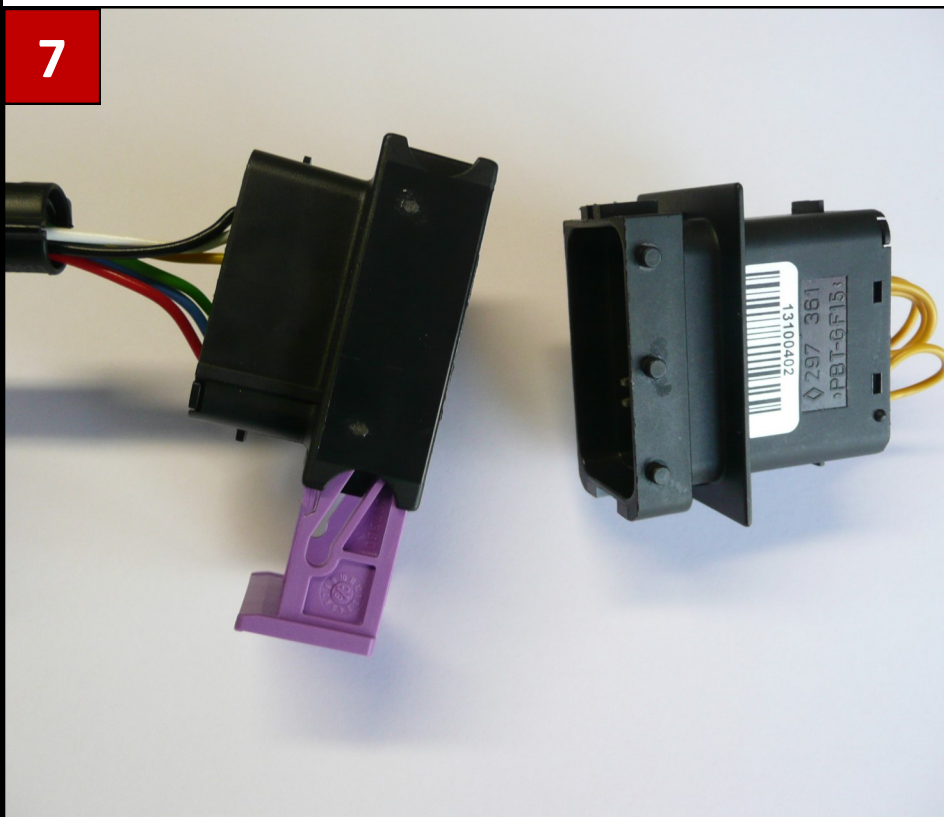
6



## 6. 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

7



## 7. 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.