

# Installation instructions

Porsche 911/991

Turbo / Turbo S



14110216

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 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 **vibration-less** place. Do not make any changes at the tuning-kit!

Do not expand or shorten the loom.

# Installation instructions

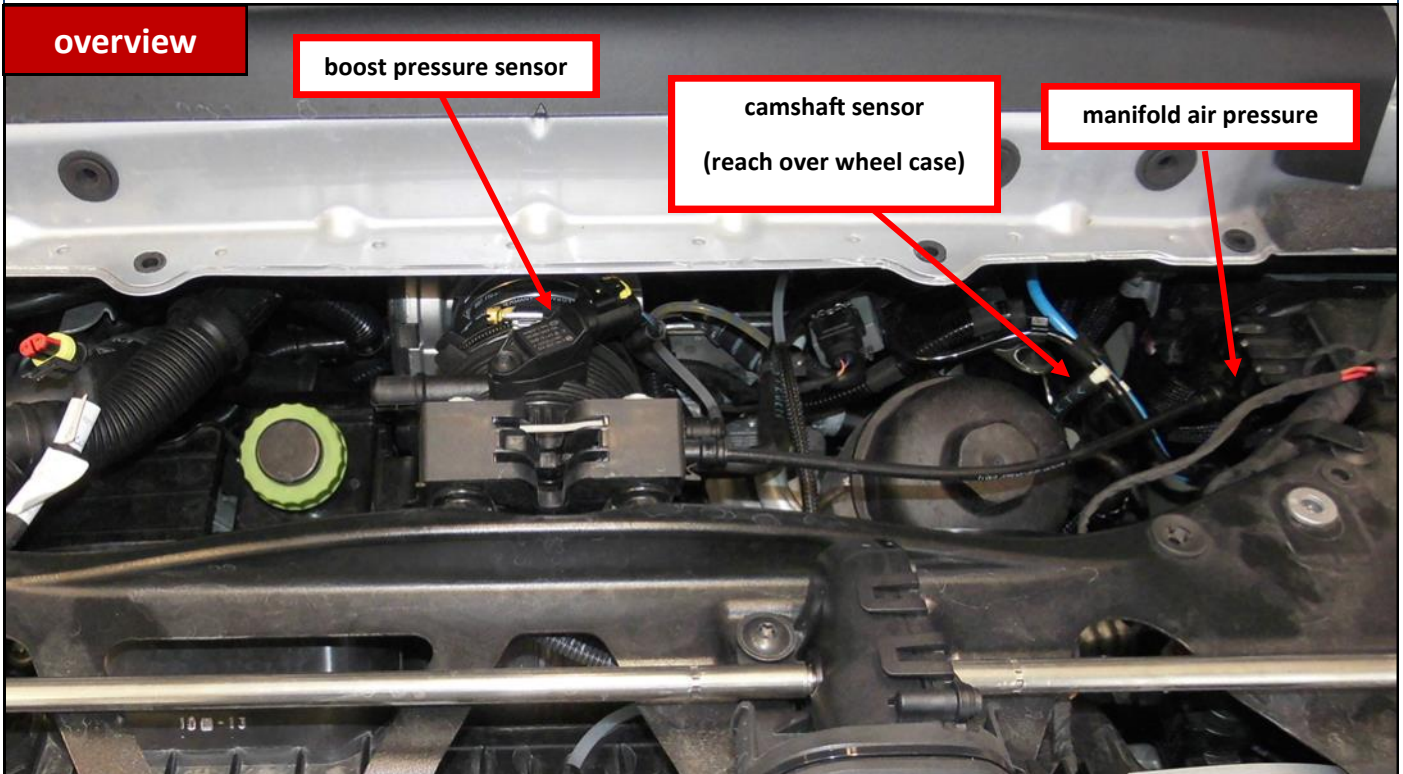
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## overview



### overview:

#### The chiptuning box is attached to the following points:

- boost pressure sensor
- manifold air pressure
- camshaft position sensor (to reach over right (movement direction) wheel case )

#### Necessary tools:

- Cutters, 30er torx key, 10er torx key, wheel removing tool

#### 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

- ◇ To get to the sensor, you should remove the , rear spoiler and lock carrier.
- ◇ First, remove the air filter box.
- ◇ The air filter box is only clipped.

1b



- ◇ Then remove the cooling fan.
- ◇ The cooling fans are simply clipped.



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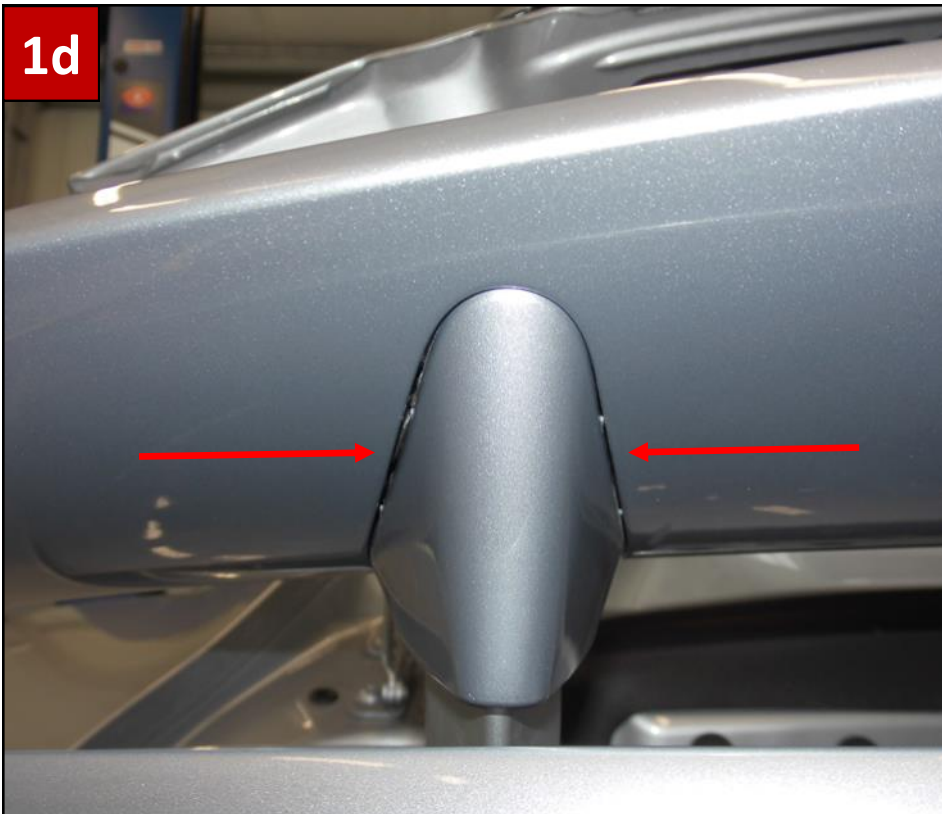
1c



## 1. preparation

- ◇ Then pull it gently upward and disconnect the underlying plug.

1d



- ◇ Dismantling rear spoiler
- ◇ Rear Spoiler must be driven out. Manually from the inside.
- ◇ Push the cover of the rear spoiler left and right and push it down.

**ATTENTION:** The dismantling of the rear spoiler is optional, it facilitates the accessibility of the manifold air pressure.

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1e



## 1. preparation

- ◇ Now loosen the two screws on the rear spoiler.

1f



- ◇ Press the upper part of the rear spoiler to the front and take it from the holder.
- ◇ Now remove the rear spoiler from the vehicle with a fortifying impact against the spoiler in the fastening direction vehicle range.

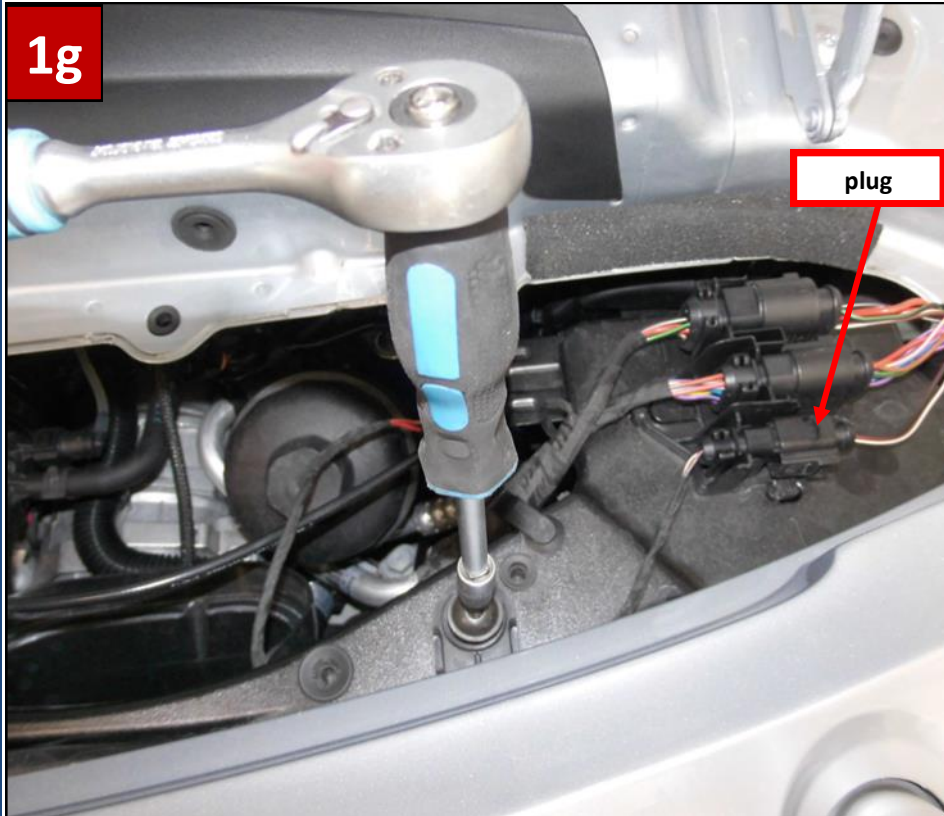
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## 1. preparation

- ◇ Now screw out the screws on the spoiler lower part.
- ◇ Unlock the plug.





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1i



## 1. preparation

- ◇ Push the lower part the front spoiler and snap it from the retaining lugs.
- ◇ Lift the spoiler lower part upwards and take it off.

1j



- ◇ Unscrew the fixing screws of the mounting bracket of the rear spoiler along the rear bumper.

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1k



## 1. preparation

- ◇ Swing it to the mounting bracket up and remove from the carrier.

1l





# Installation instructions

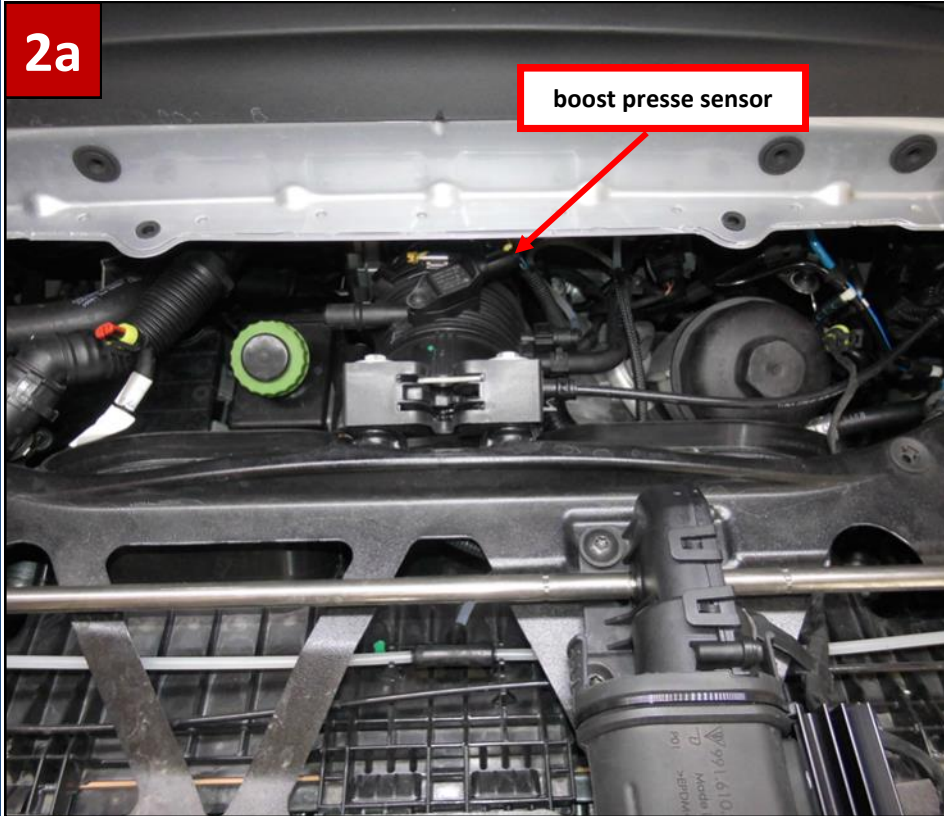
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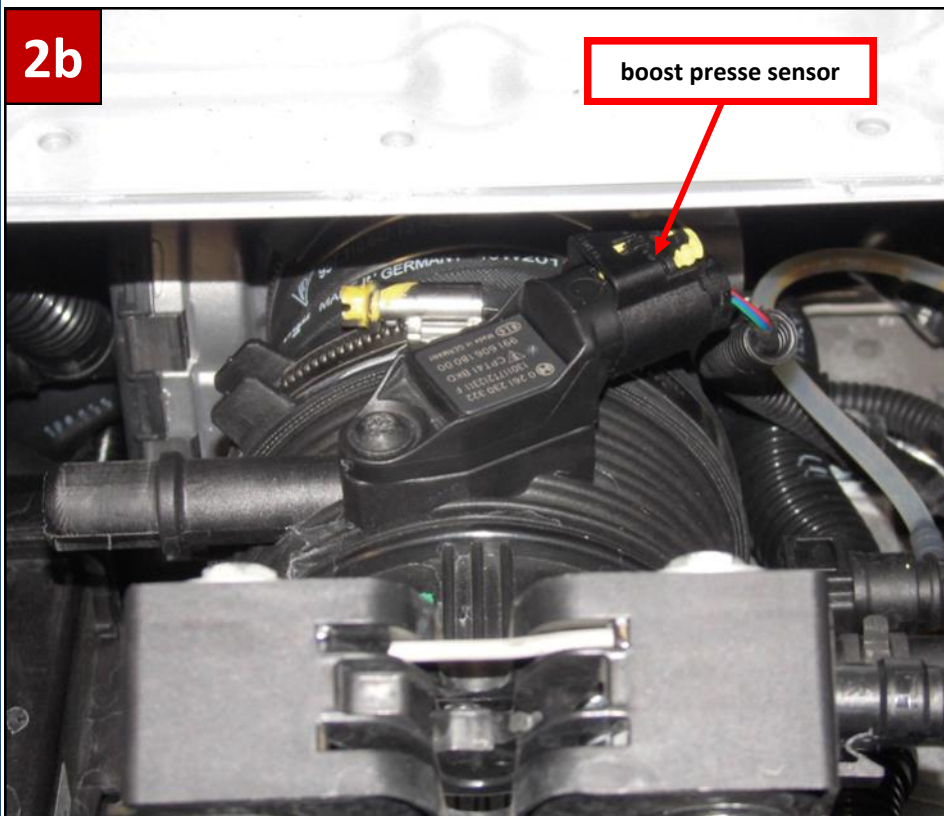
2a



## 2. boost pressure sensor

- ◇ Disconnect the plug from the boost pressure sensor.
- ◇ Plug the provided cable loom between the now separated connectors.
- ◇ Connect the plug of the new loom to the boost pressure sensor.

2b



# Installation instructions

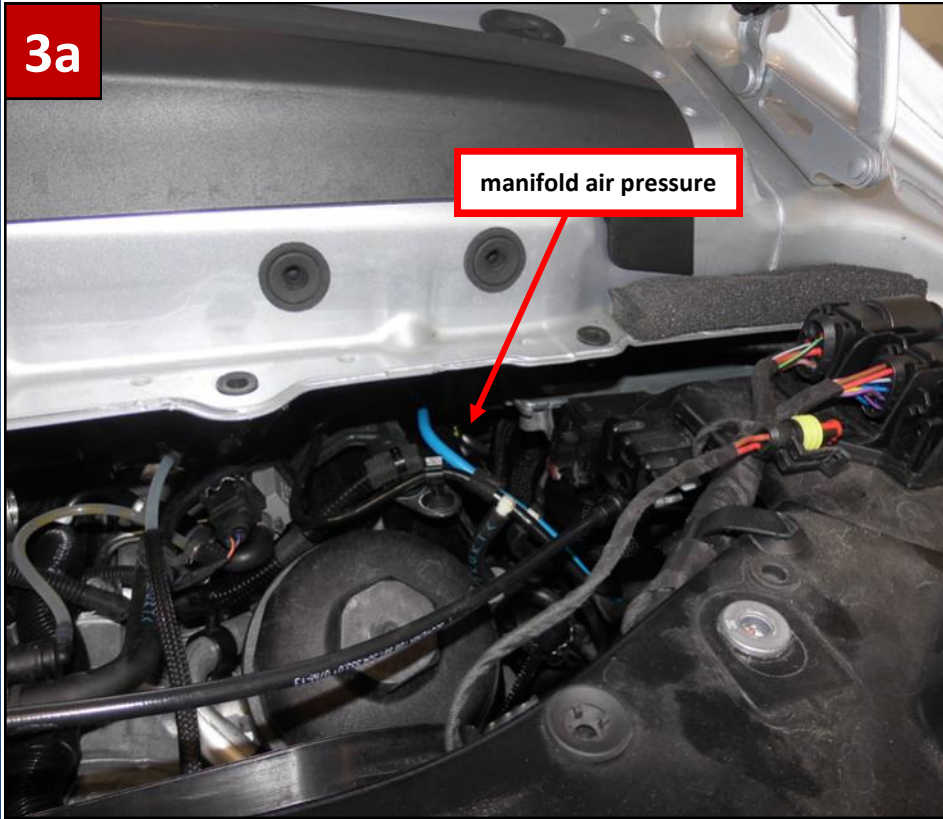
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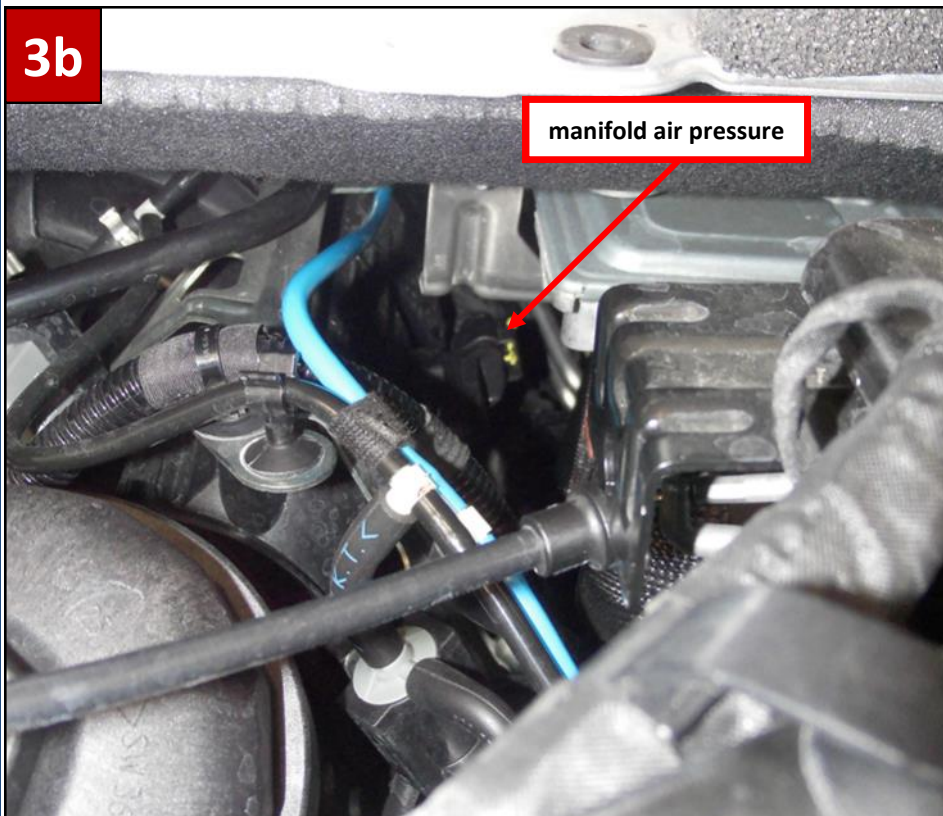
3a



### 3. manifold air pressure

- ◇ Disconnect the plug from the manifold air pressure sensor.
- ◇ Plug the provided cable loom between the now separated connectors..
- ◇ Connect the plug of the new loom to the manifold air pressure.

3b

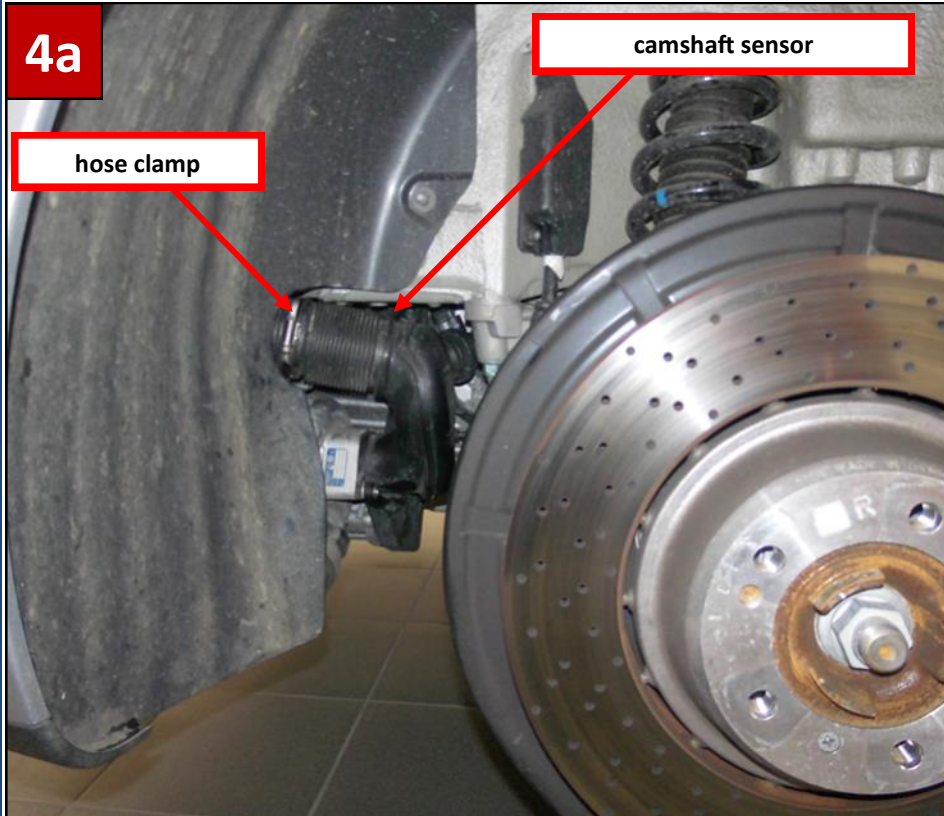




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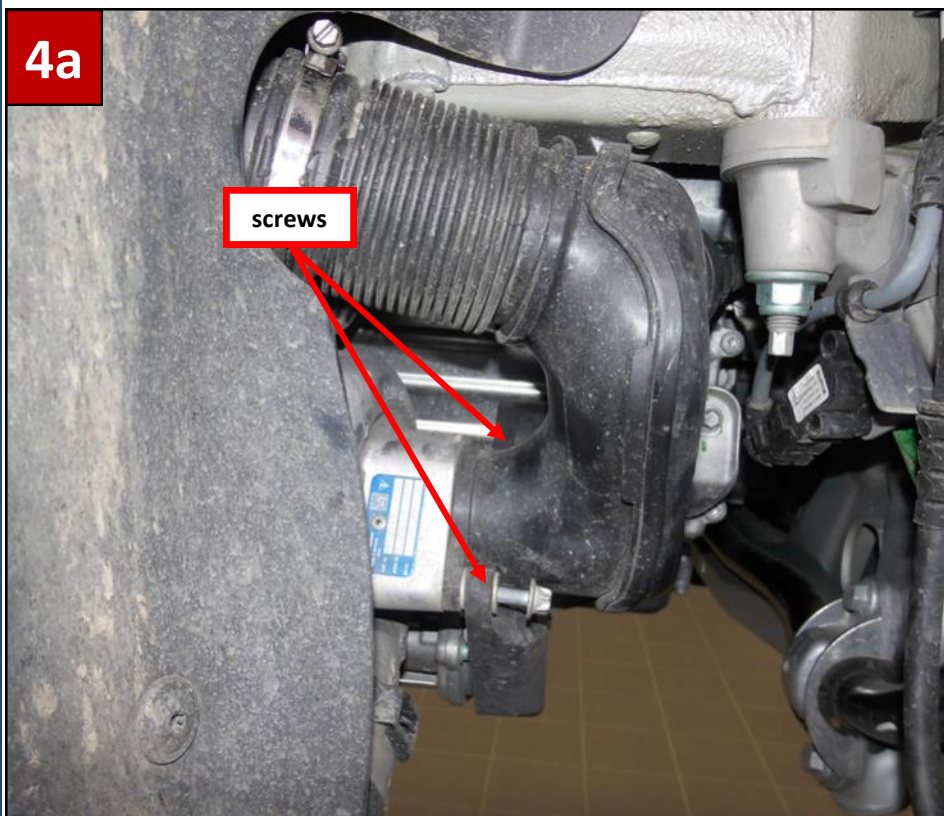
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## 4. camshaft sensor

- ◇ To get to the camshaft sensor you have to remove the right tyre.
- ◇ Then please loosen the hose clamp.

**ATTENTION: PLEASE LAY THE CABLE LOOM FROM THE TOP OF THE ENGINE IN DIRECTION CAMSHAFT CONNECTOR.**



- ◇ Then loosen the 2 marked screws and remove the hose carefully.



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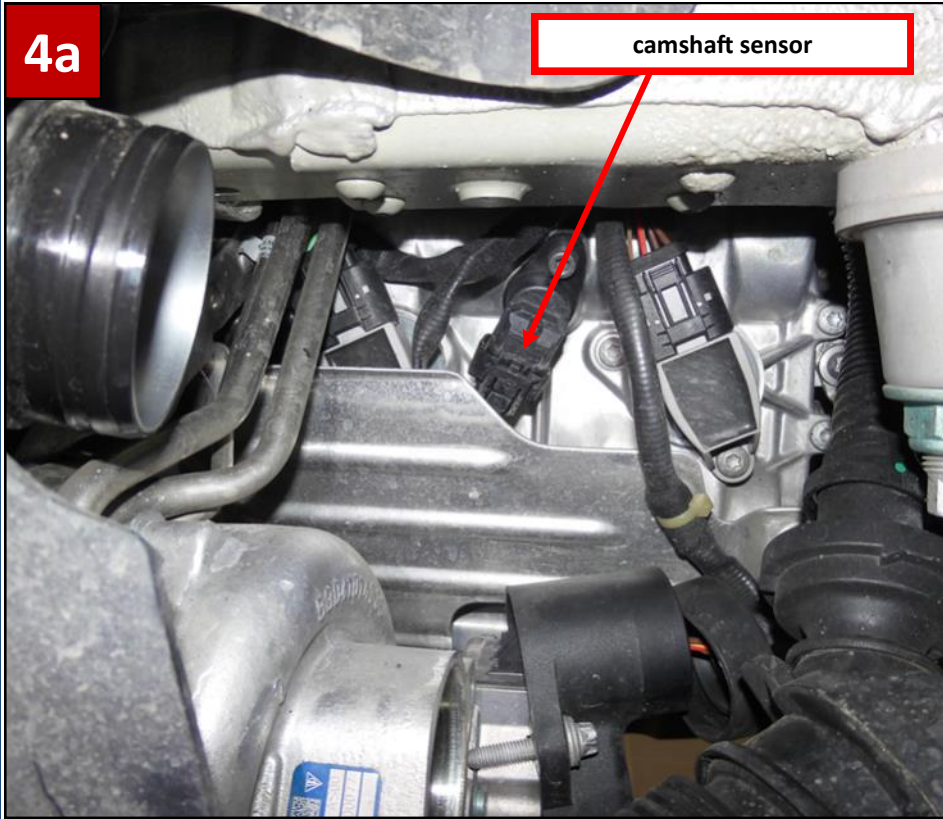
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4a



camshaft sensor

## 4. camshaft sensor

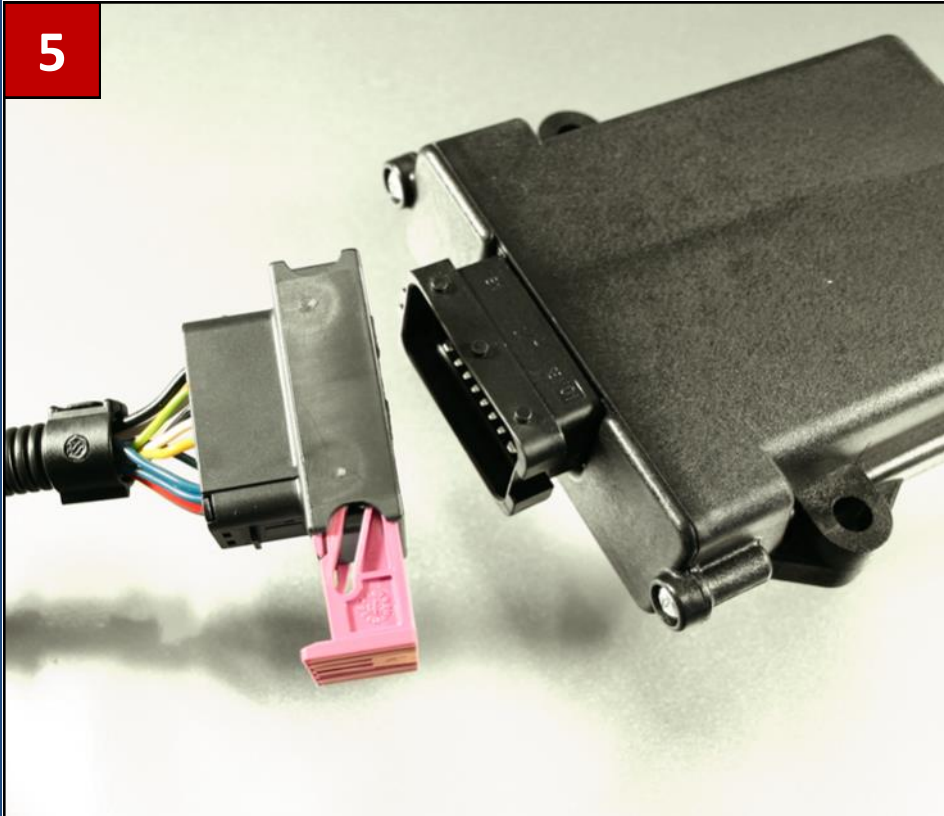
- ◇ Behind the hose is the camshaft sensor.
- ◇ Disconnect the plug from the camshaft sensor.
- ◇ Plug the provided cable loom between the now separated connectors.
- ◇ Connect the plug of the new loom to the camshaft sensor.

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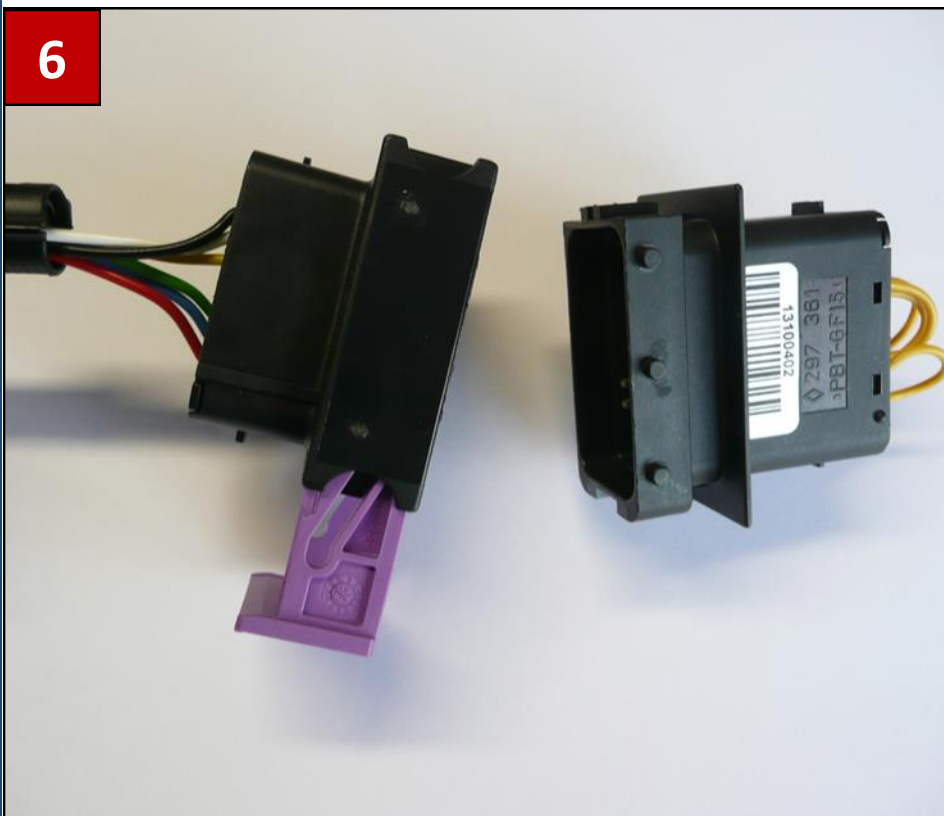
5



## 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.