

# Installation instruction

Ferrari 488 GTB



14110518

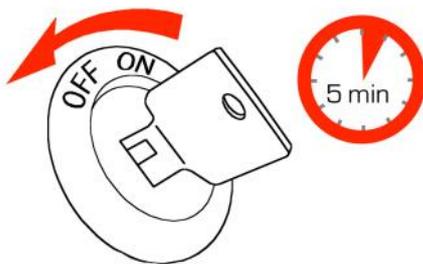
The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements.

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.

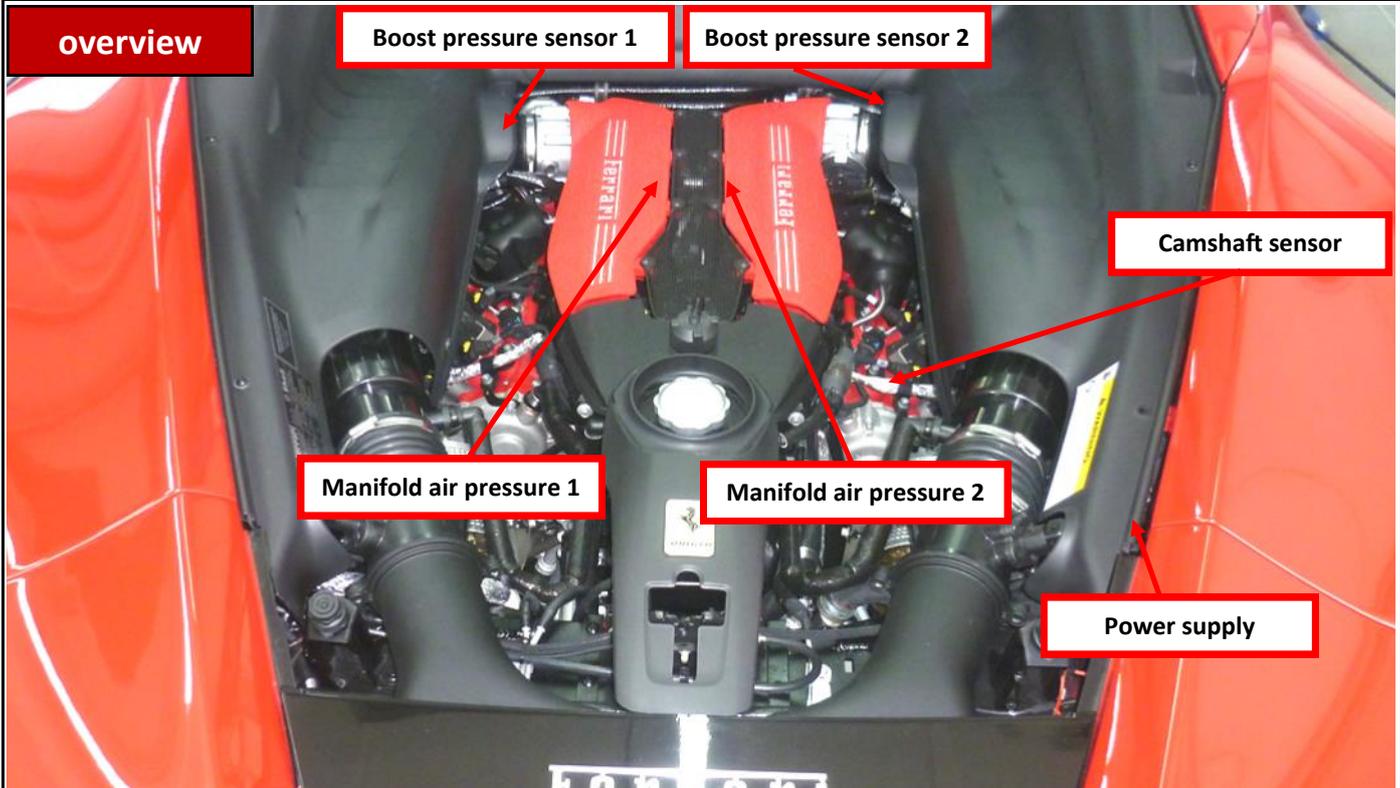
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## overview



## overview:

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

- 2x boost pressure sensor
- camshaft position sensor
- 2x manifold air pressure
- power supply

### Benötigtes Werkzeug:

- cutter, Torx 27 screwdriver, Ratchet 8-Nut, 10-combination spanner

### Preparation:

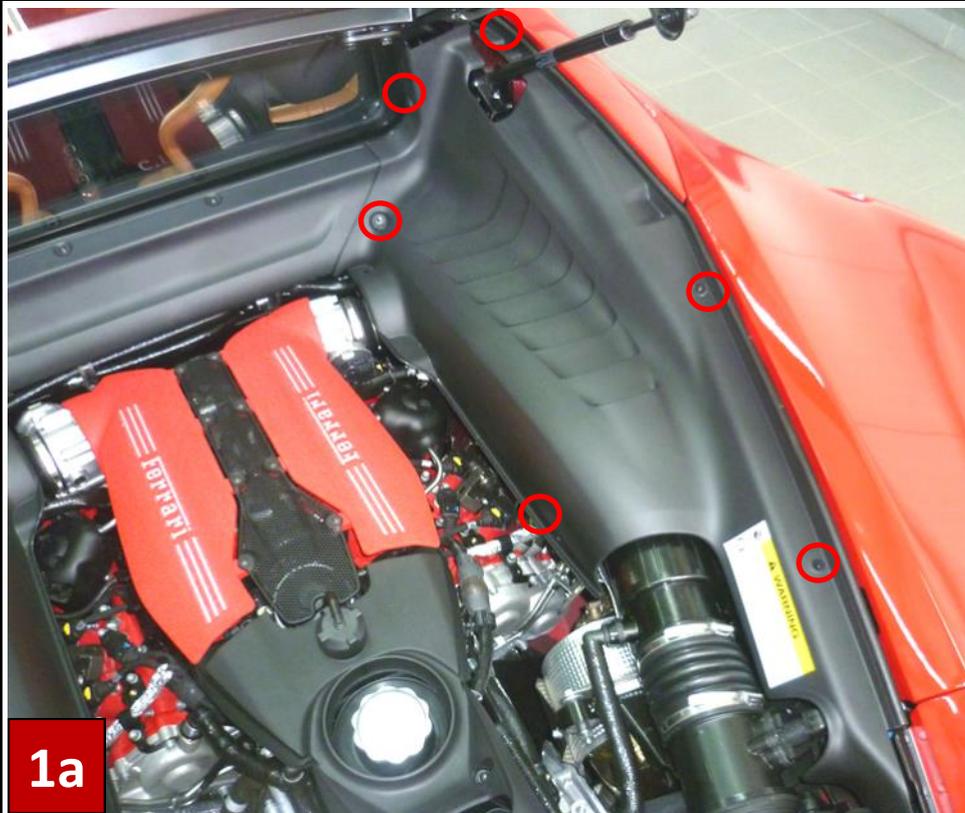
- Move the individual strands of the cable loom to the associated plug connectors
- Put the necessary tool for the side (if needs)
- Put the mounting material to the side
- ***To reach the maximum power min. Super Unleaded (98 RoZ) or better has to be refueled***

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## 1. cover

Loosen all marked screws with the 27er Torx

Remove the panel carefully.



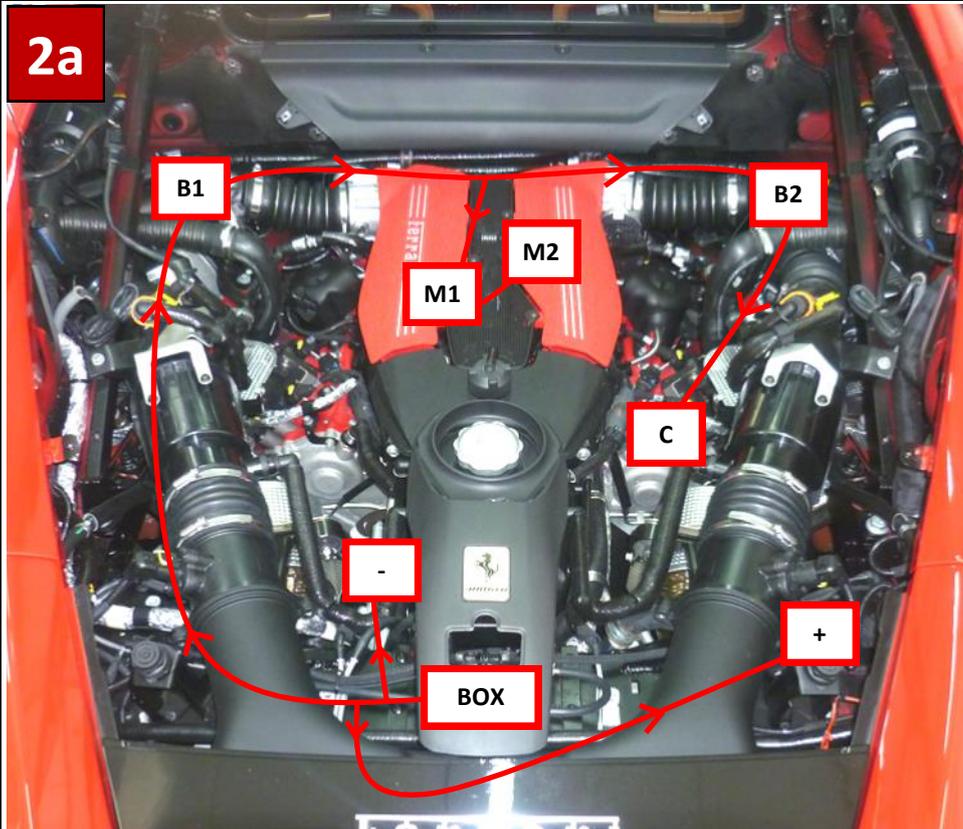
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2a



## 2. Installation informations

We suggest to place the chip tuning box under the motor lock (see picture 2b).

Misplace the cable harness along the marks from the Chiptuning Box.

Legende:

„-“ Mass

„+“ Power supply

„L1“ boost pressure sensor 1

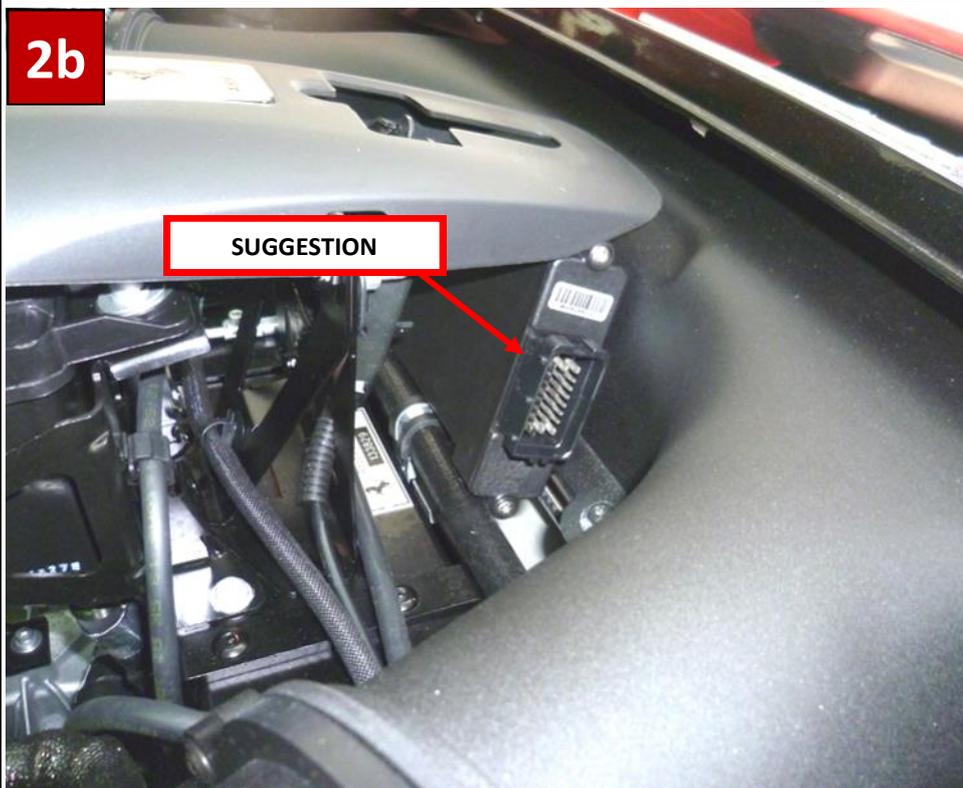
„S1“ manifold air pressure 1

„S2“ manifold air pressure 2

„L2“ boost pressure sensor 2

„N“ camshaft sensor

2b



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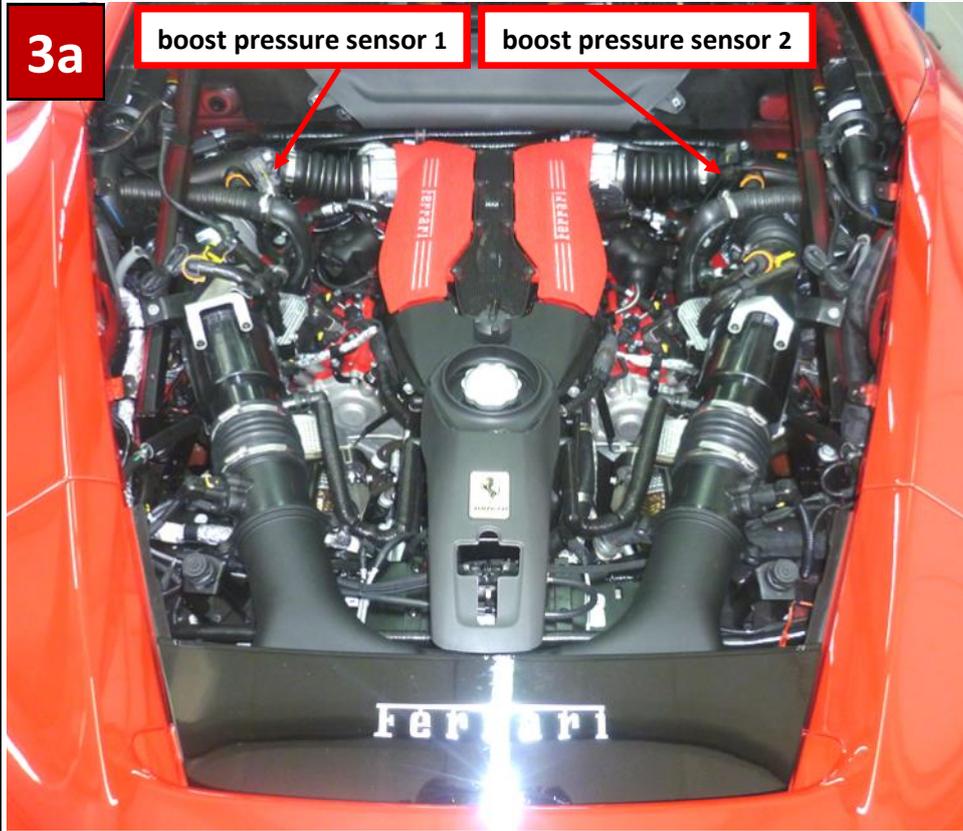


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3a

boost pressure sensor 1

boost pressure sensor 2



### 3. boost pressure sensor

Disconnect the plug from the boost pressure sensor 1  
boost pressure sensor 2.

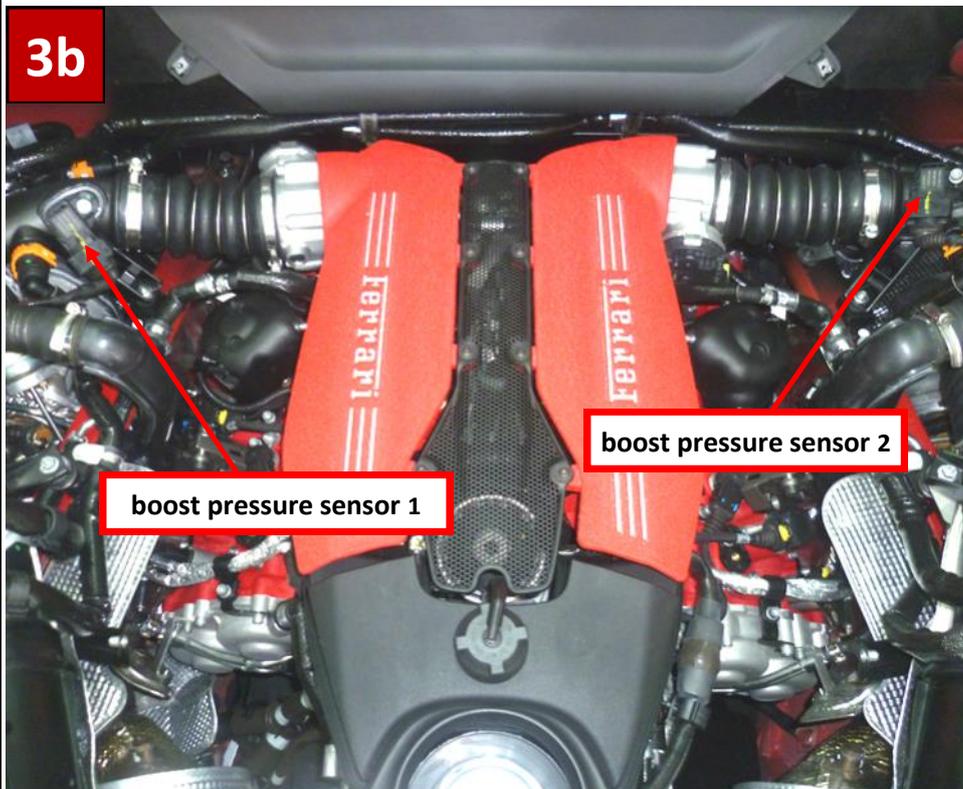
Plug the provided cable loom between the now separated connectors.

Connect the plug of the new loom to the boost pressure sensor 1 and boost pressure sensor 2.

3b

boost pressure sensor 2

boost pressure sensor 1



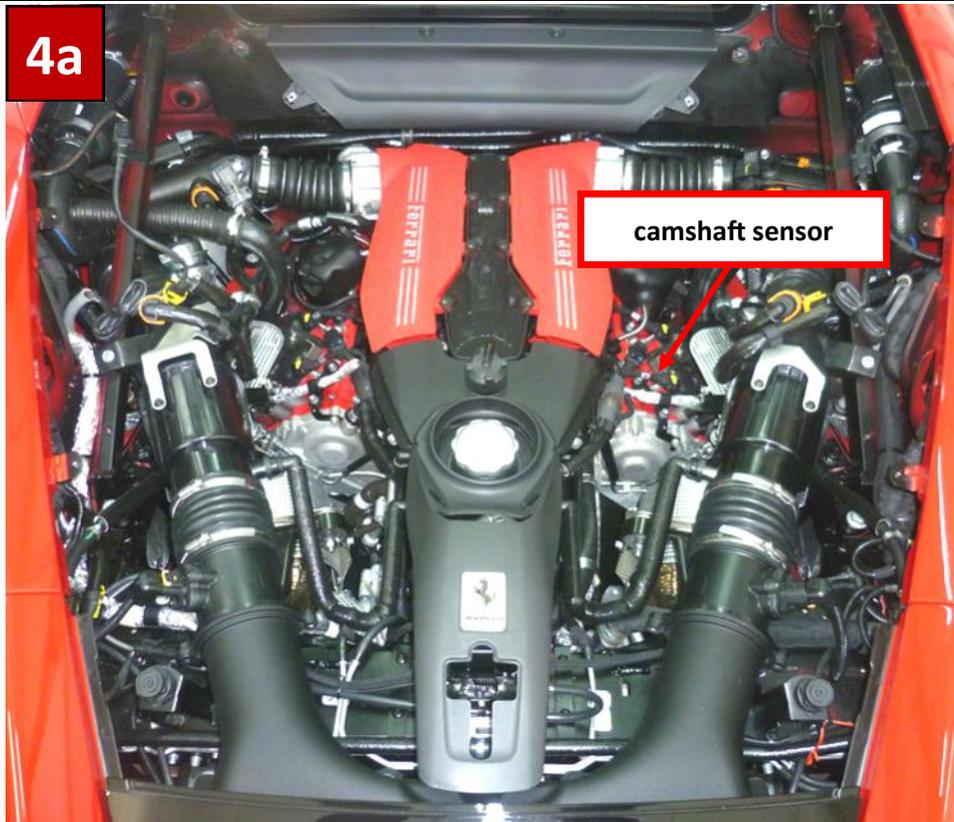
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camshaft sensor

## 4. camshaft sensor

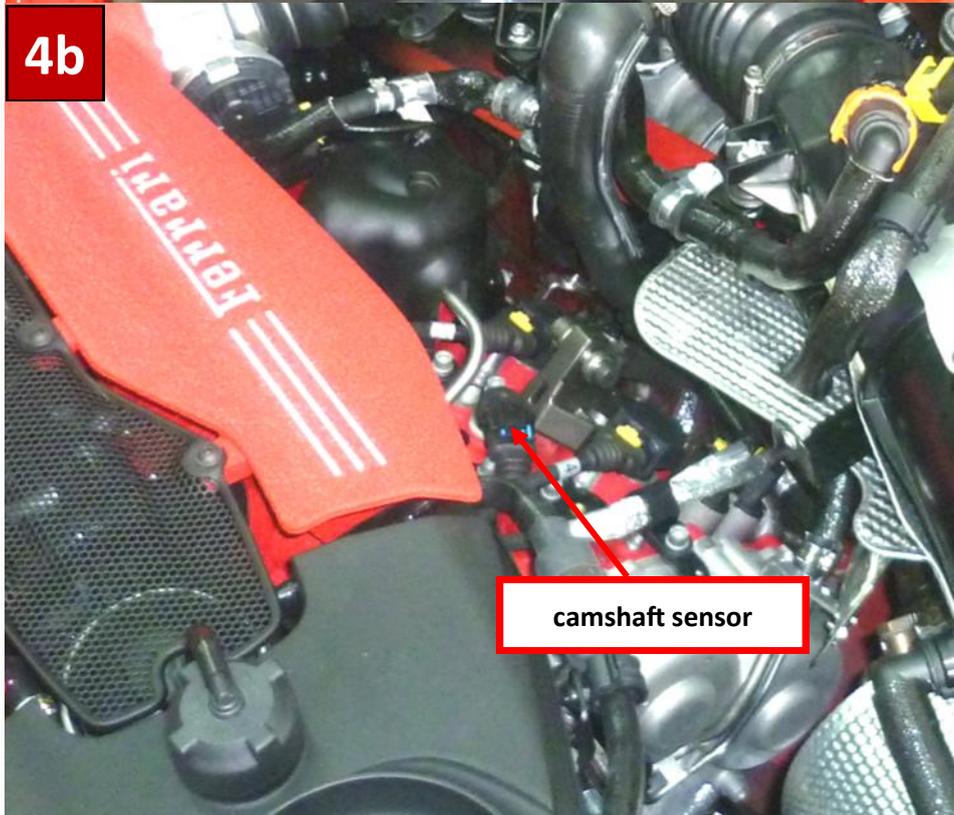
Disconnect the plug from the camshaft sensor.

Plug the provided cable loom between the now separated connectors.

Connect the plug of the new loom to the camshaft sensor.

**WE ONLY USE ONE (left) CAMSHAFT SENSOR!**

4b



camshaft sensor

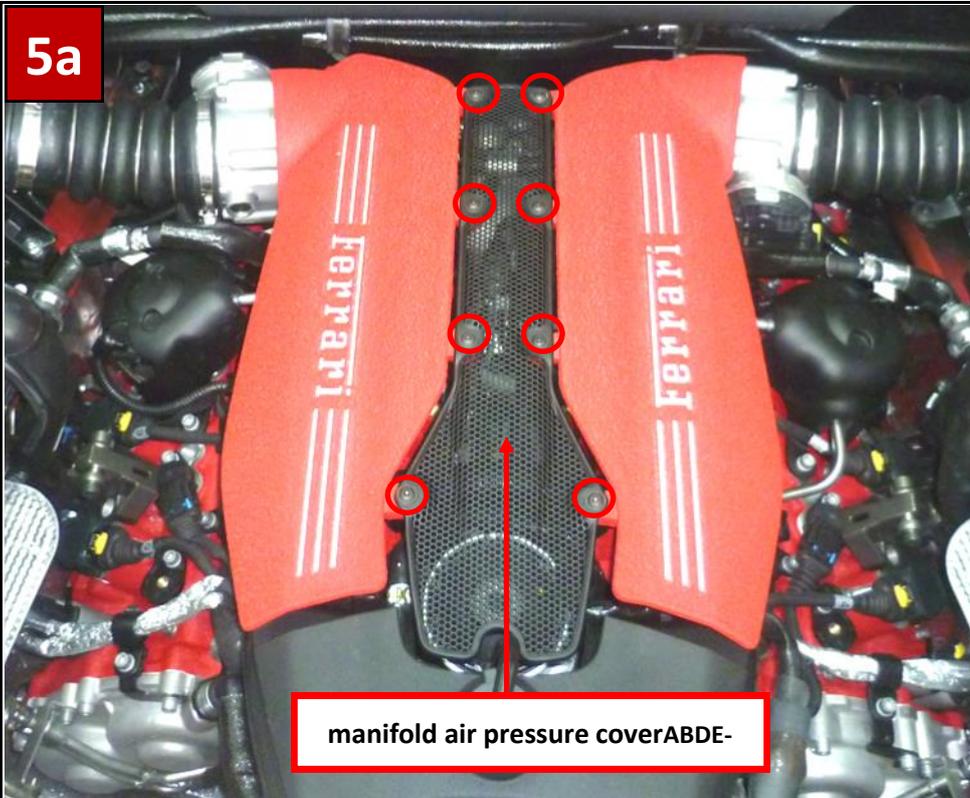
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5a



## 5. manifold air pressure cover

Loosen all marked screws with the 27er Torx screwdriver.

Remove the cover carefully.

5b



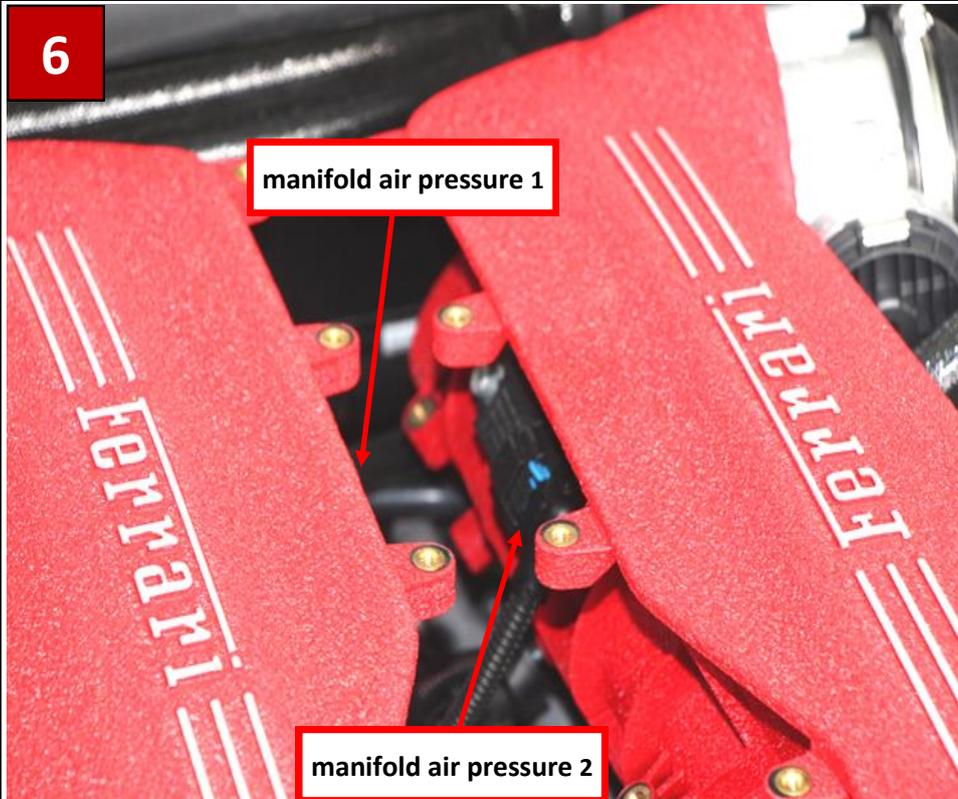
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## 6. manifold air pressure

Disconnect the plug from the manifold air pressure sensor 1 and manifold air pressure sensor 2.

Plug the provided cable loom between the now separated connectors.

Connect the plug of the new loom to the manifold air pressure 1 and manifold air pressure sensor 2.

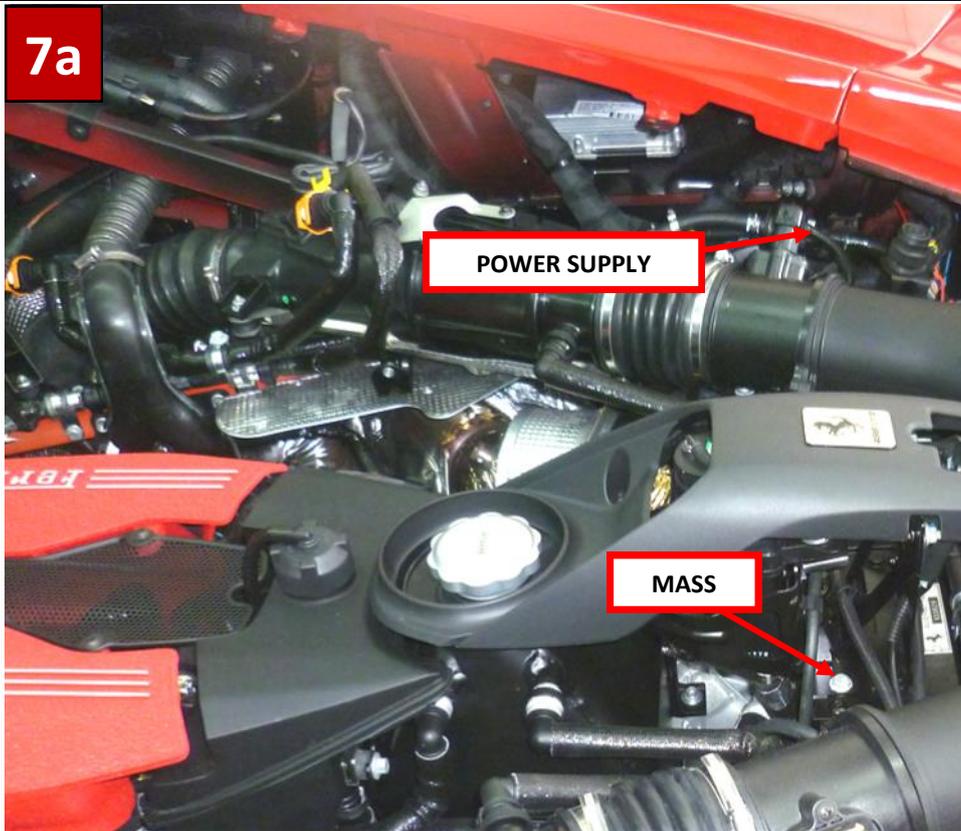
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7a



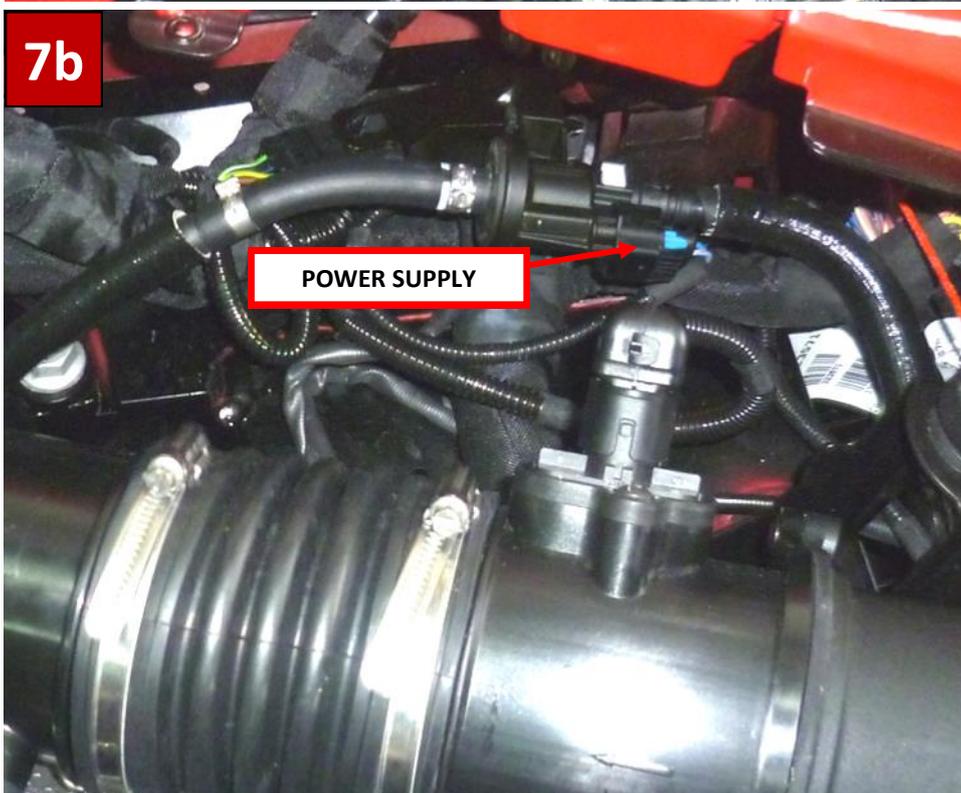
## 7. Power supply

Connect the two-pin connector of the cable harness at the location marked power supply.

Connect the black wire of the supplied cable harness to the mass.

Connect to the mass, you need a 10 combination spanner.

7b



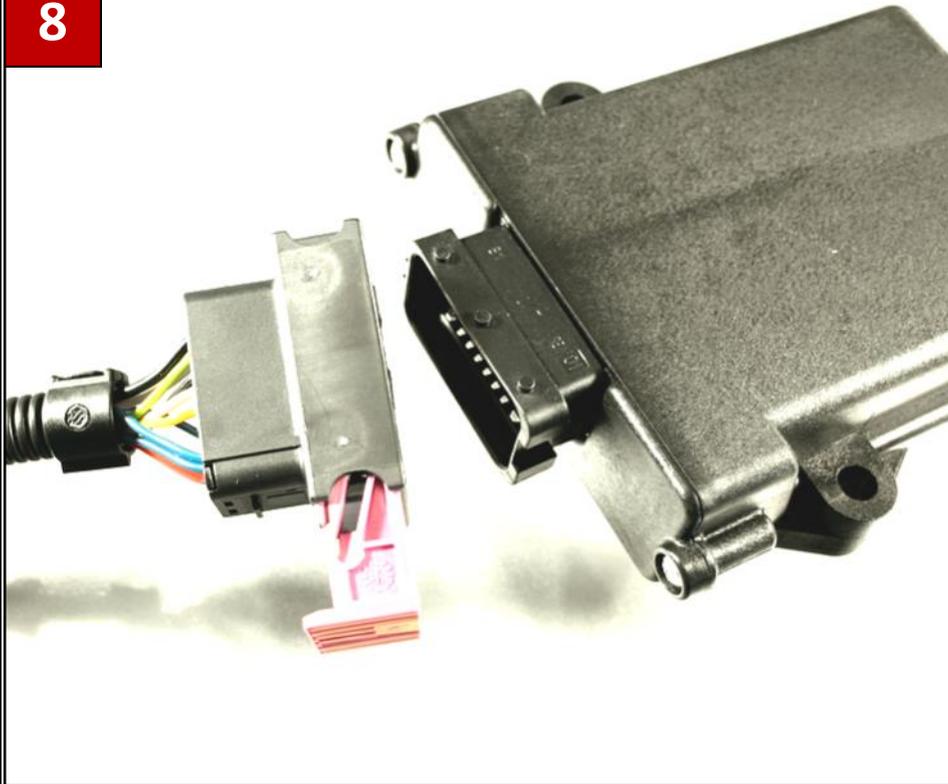
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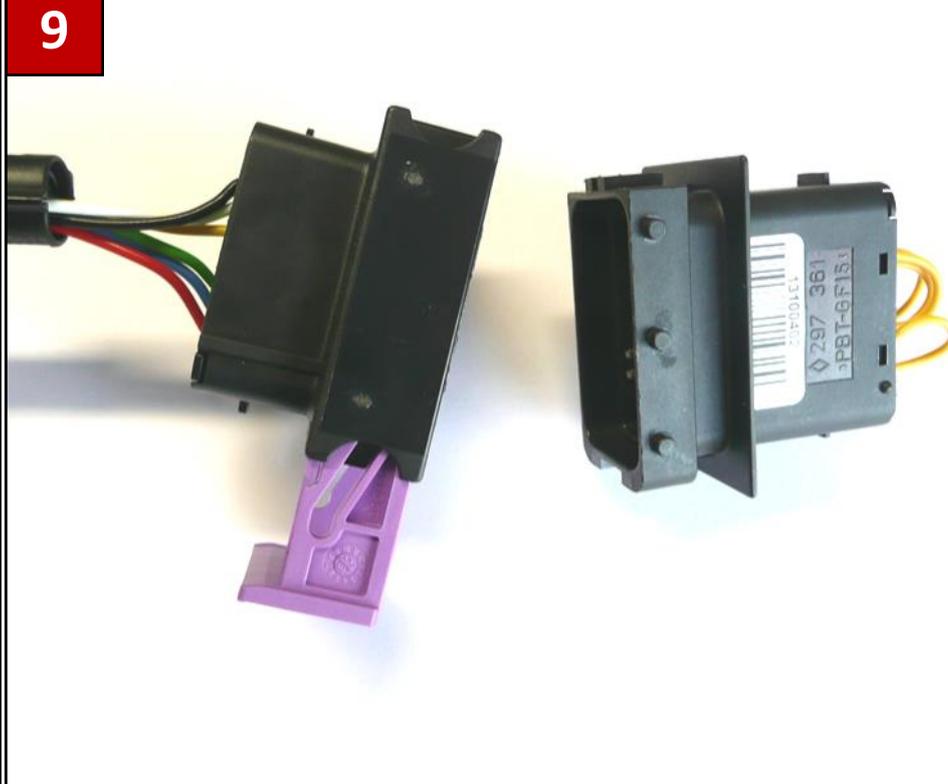
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## 8. tuningbox

- ◇ 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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## 9. 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.

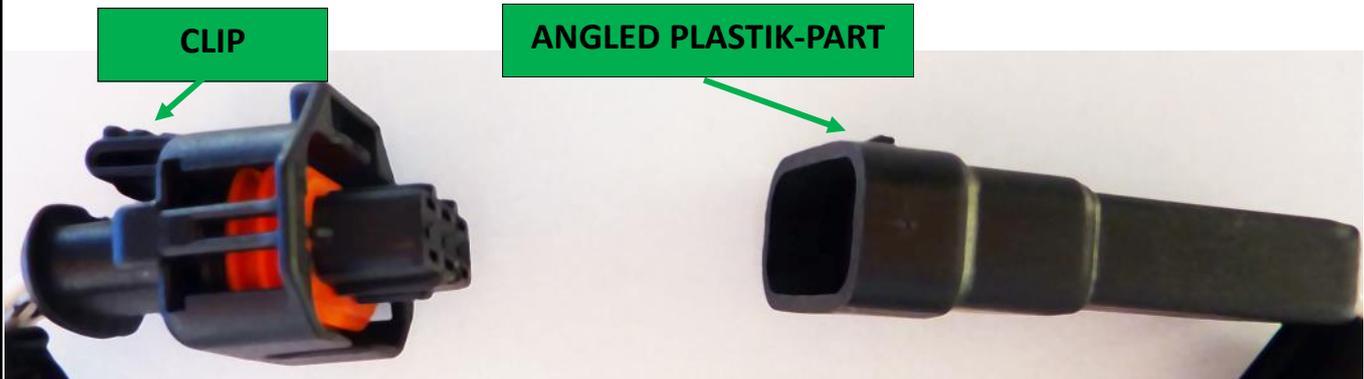
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## RIGHT POSITION



The JTD-Plug Clip (male plug) have to be on the same side as the angled plastik-part (female plug).

## WRONG POSITION



- The JTD-Plug Clip (male plug) must not to be on the same side as the angled plastik-part (female plug).

