

installation guide

ALFA ROMEO / FIAT / ABARTH
1.4 MultiAir 163 PS - 170 PS



14109760

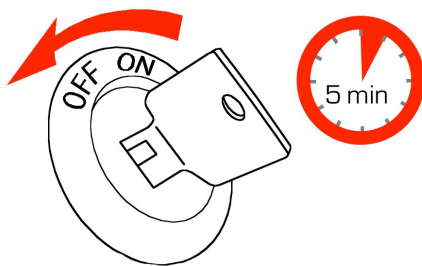
The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements.

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.

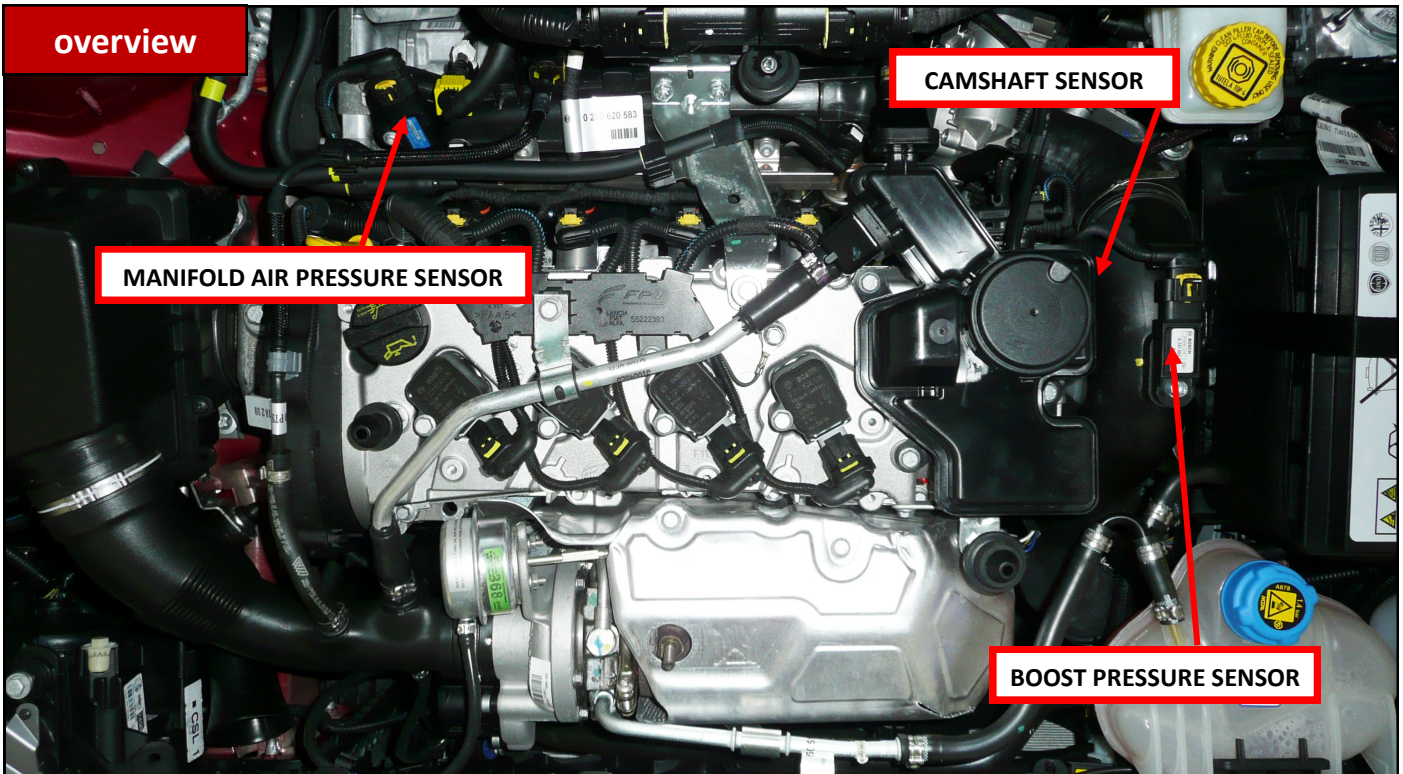
installation guide

ALFA ROMEO / FIAT / ABARTH
1.4 MultiAir 163 PS - 170 PS



14109760

overview



overview:

The tuningkit has to be attached to the following points:

- **boost pressure sensor 1**
- **manifold air pressure sensor**
- **camshaft sensor**

required tools:

- cutter

preparation:

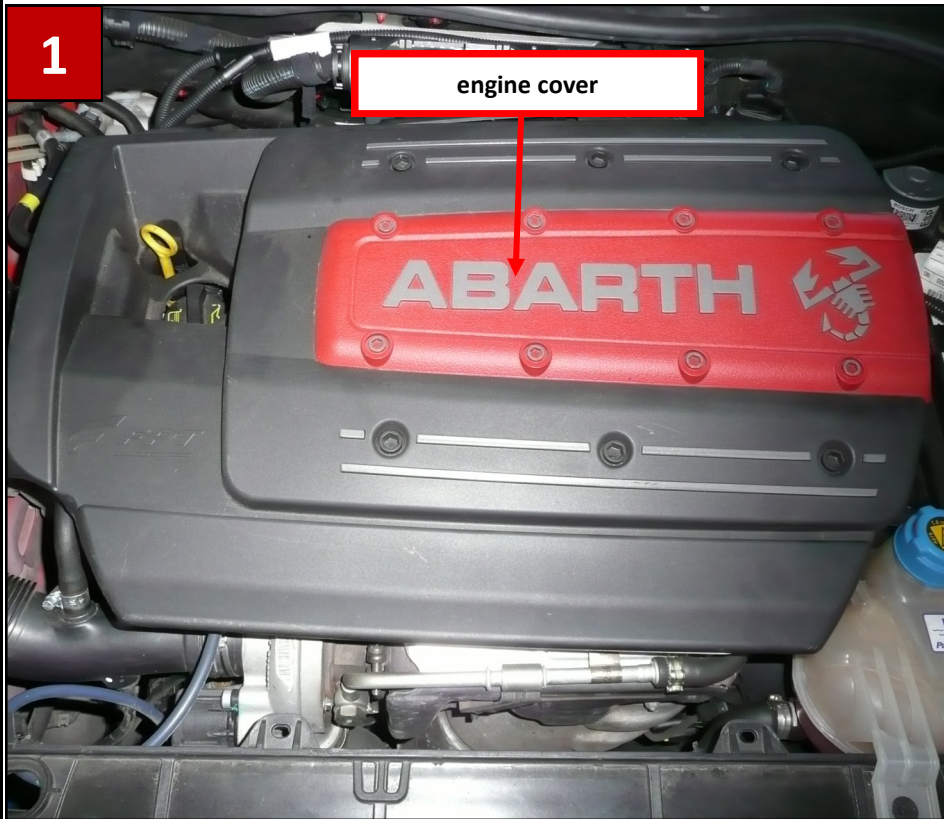
- Move the individual strands of the loom to the associated plug connectors
- Put the required tools by your side (if needed)
- Take the fastening material at your side
- ***To get the maximum power gain , you have to use „super plus“ (98 ROZ)***

installation guide

ALFA ROMEO / FIAT / ABARTH
1.4 MultiAir 163 PS - 170 PS

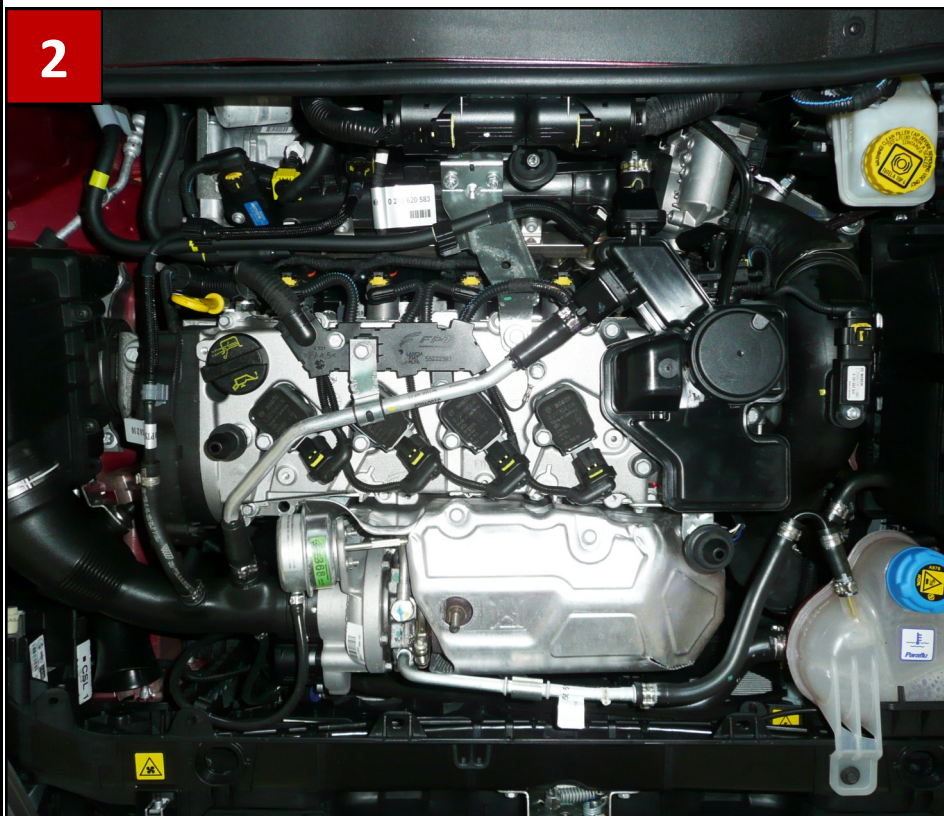


14109760



1. preparation

◇ Before you can begin the installation of the tuning kits, you have to remove the engine cover.



◇ The engine cover is clipped to the engine

installation guide

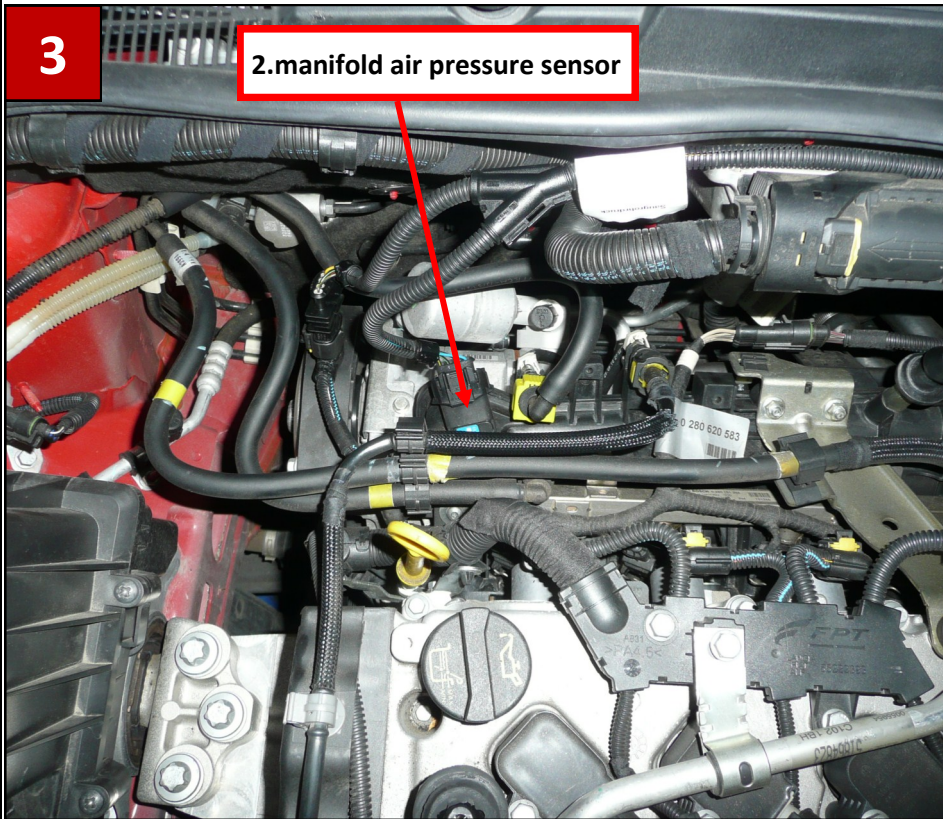
ALFA ROMEO / FIAT / ABARTH
1.4 MultiAir 163 PS - 170 PS



14109760

3

2.manifold air pressure sensor

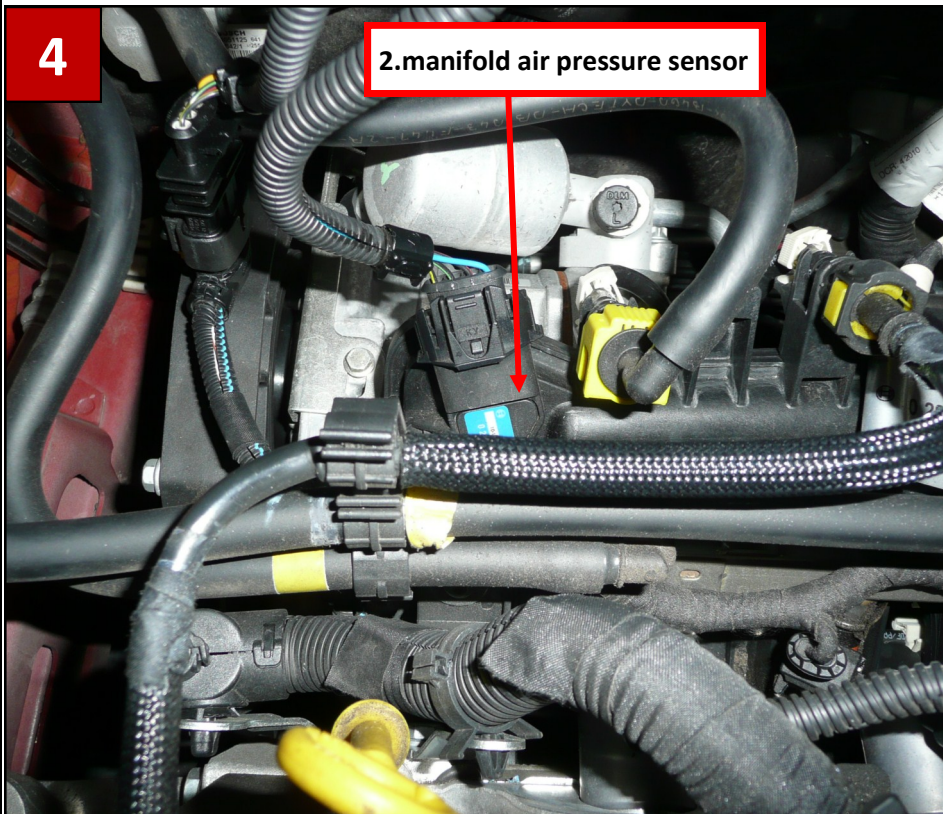


2. 2.manifold air pressure

The intake manifold pressure sensor located at the rear part of the engine

4

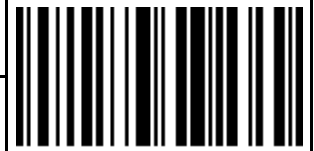
2.manifold air pressure sensor



- ◇ First disconnect the plug from the manifold air pressure sensor
- ◇ Than connect the plug from the new cable loom with the manifold air pressure sensor.
- ◇ Connect the old plug with the new cable loom.

installation guide

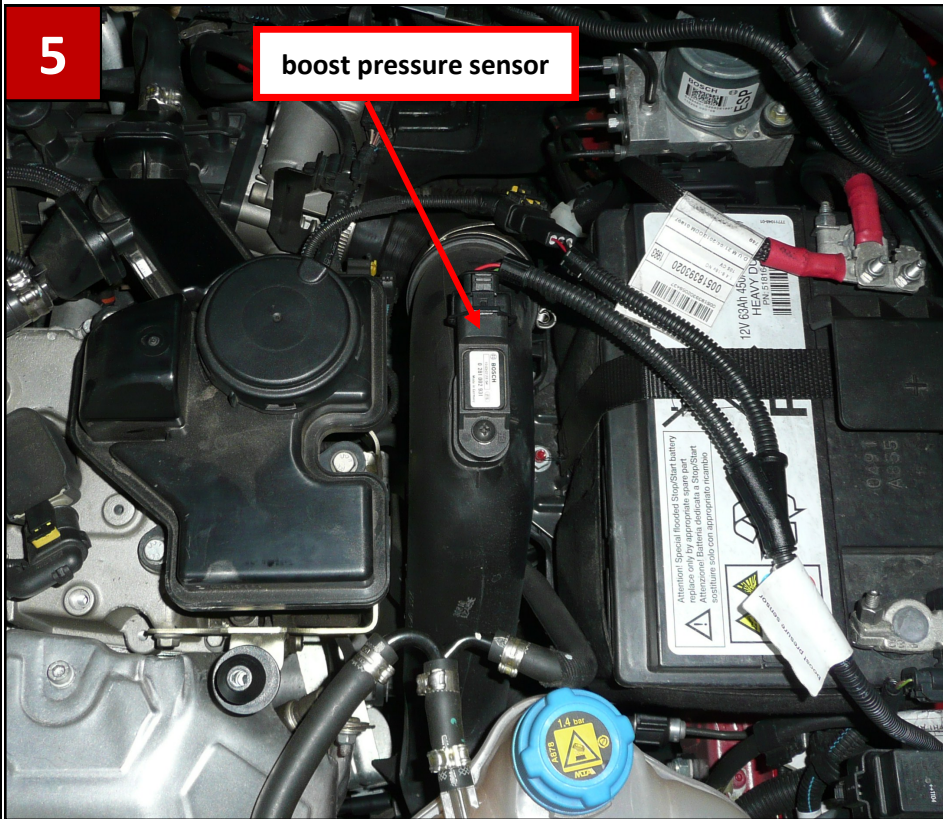
ALFA ROMEO / FIAT / ABARTH
1.4 MultiAir 163 PS - 170 PS



14109760

5

boost pressure sensor

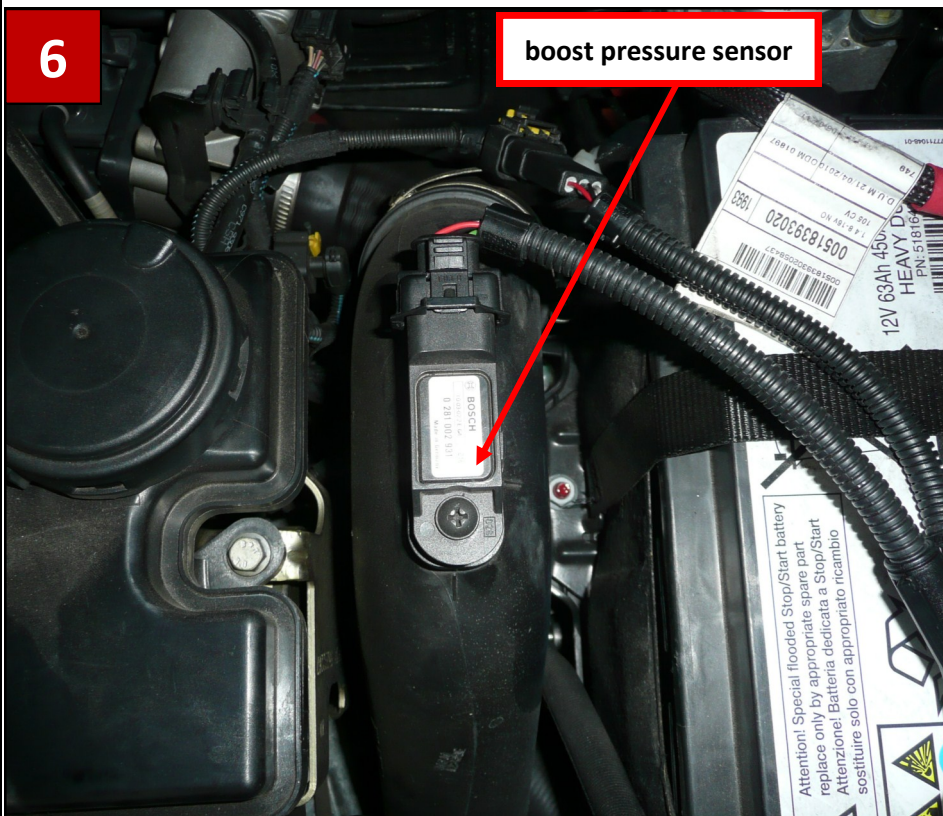


3. boost pressure sensor

The boost pressure sensor is located on the boost pressure tube adjacent to the battery

6

boost pressure sensor



◇ Now disconnect the plug from the boost pressure sensor .

◇ Than connect the plug from the new cable loom with the boost pressure sensor.

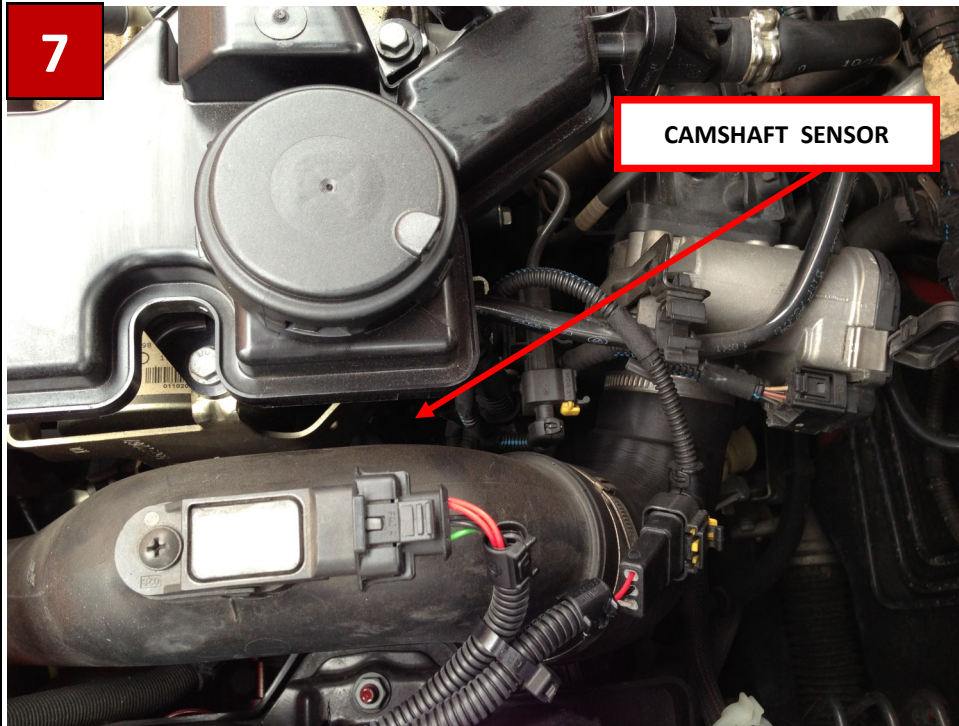
◇ Connect the old plug with the new cable loom.

installation guide

ALFA ROMEO / FIAT / ABARTH
1.4 MultiAir 163 PS - 170 PS

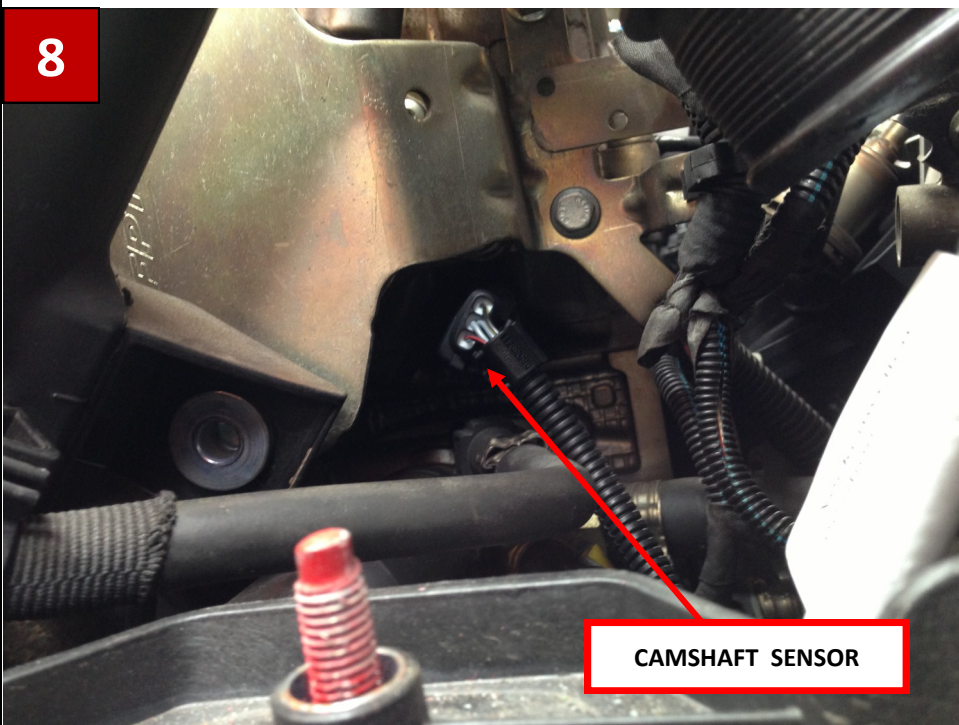


14109760



4. CAMSHAFT SENSOR

The camshaft sensor is located next to the boost pressure pipe right next to the battery



- ◇ Now disconnect the plug from the camshaft sensor.
- ◇ Than connect the plug from the new cable loom with the camshaft sensor.
- ◇ Connect the old plug with the new cable loom.

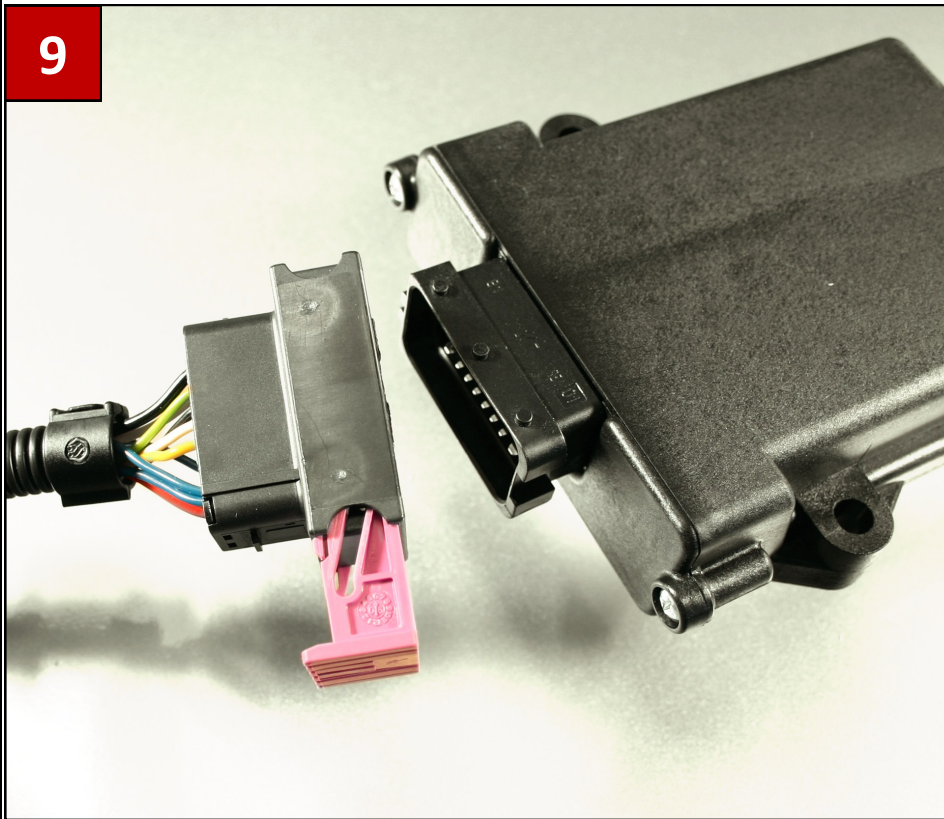
installation guide

ALFA ROMEO / FIAT / ABARTH
1.4 MultiAir 163 PS - 170 PS



14109760

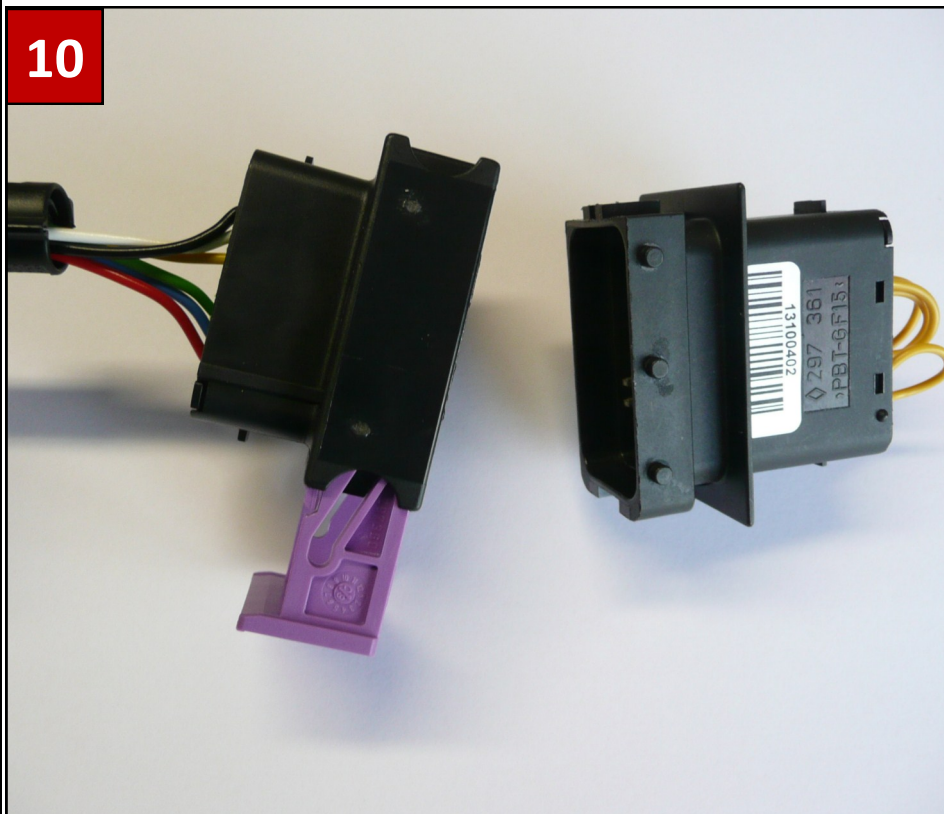
9



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

10



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.

installation guide

ALFA ROMEO / FIAT / ABARTH
1.4 MultiAir 163 PS - 170 PS



14109760

When you reconnect, please ensure the correct position of the connector:

right position:



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

wrong position:

