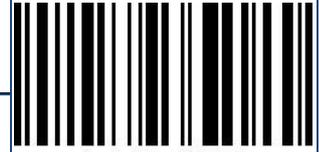


# INSTALLATION MANUAL

**Alfa Romeo 1.8 TBI ( 147 kW / 200 PS )**



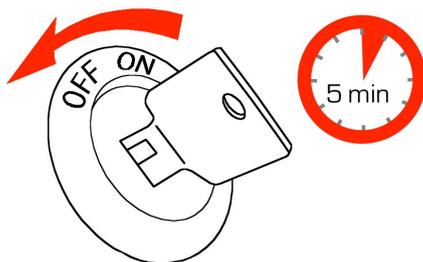
14104593

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 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 party belonging to the scope of supply.

## Scope of supply:

Quantaty	Description	Article Number
1x	Chiptuning Box	111064
1x	Cable loom	121151-12/24
1x	Jumper plug 24polig	13100402
1x	Cabel straps	13600004



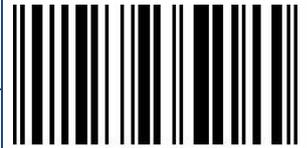
1. Turn the ignition off before installation
2. Take of the ignition-key!
3. Close and lock all doors!
4. Do not open any door while installing the box!
5. Wait for 5 minutes before beginning the installation



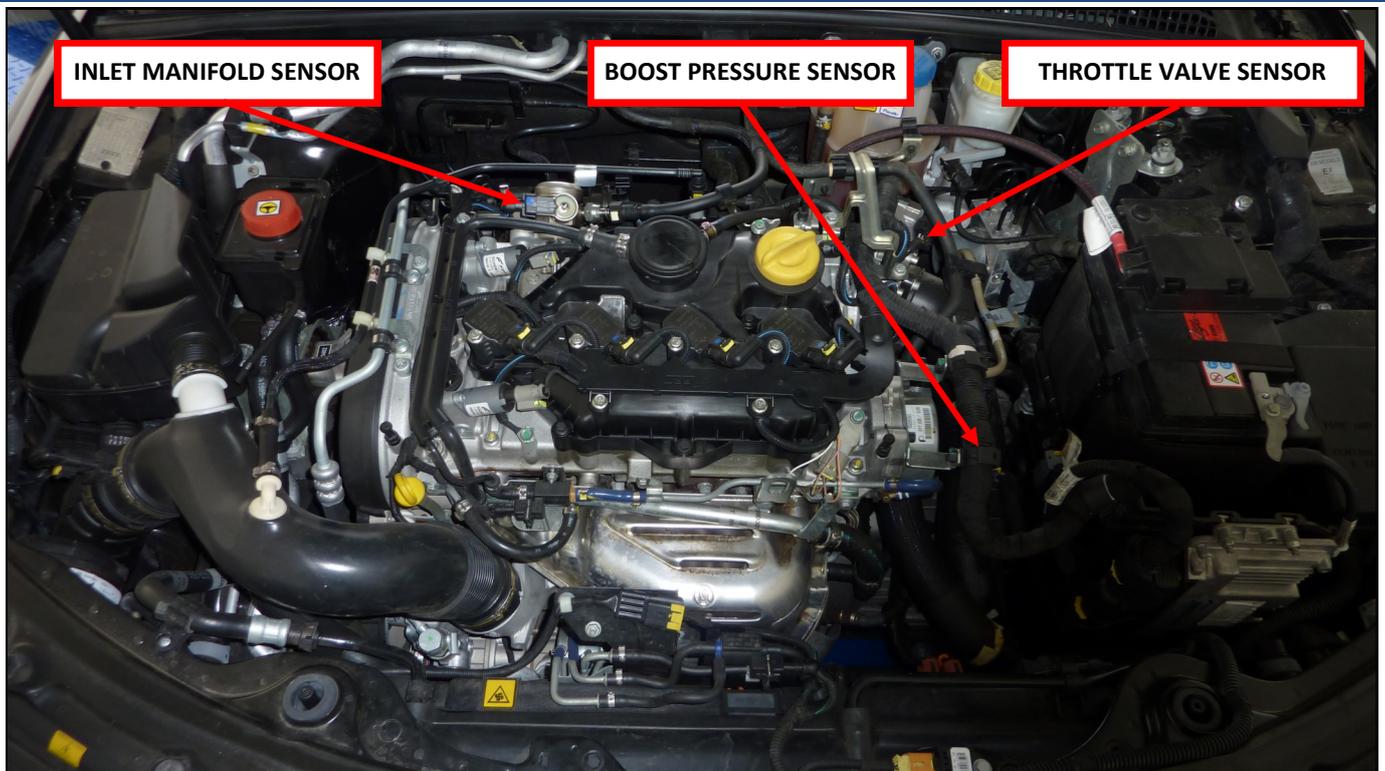
In order to avoid damages at electronic vehicle components, do anything for electrostatic unloading. install electronics in a place which is absolutely waterproof and vibrationproof. Do not make any change to the tuningkit ( e.g. Extending or shortening of the wiring harness )

# INSTALLATION MANUAL

Alfa Romeo 1.8 TBI ( 147 kW / 200 PS )



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## Overview:

Die Chiptuning Box wird an folgende Punkte angeschlossen:

- **Inlet manifold pressure sensor**
- **Boost pressure sensor**
- **Throttle valve sensor**
- **12V—electrical connection**

## Required tools:

- **none**

## Preparation:

- install the individual strands of the cable loom to the associated plug connectors
- Preposition the necessary tools ( if needed )
- Preposition the mounting material

# INSTALLATION MANUAL

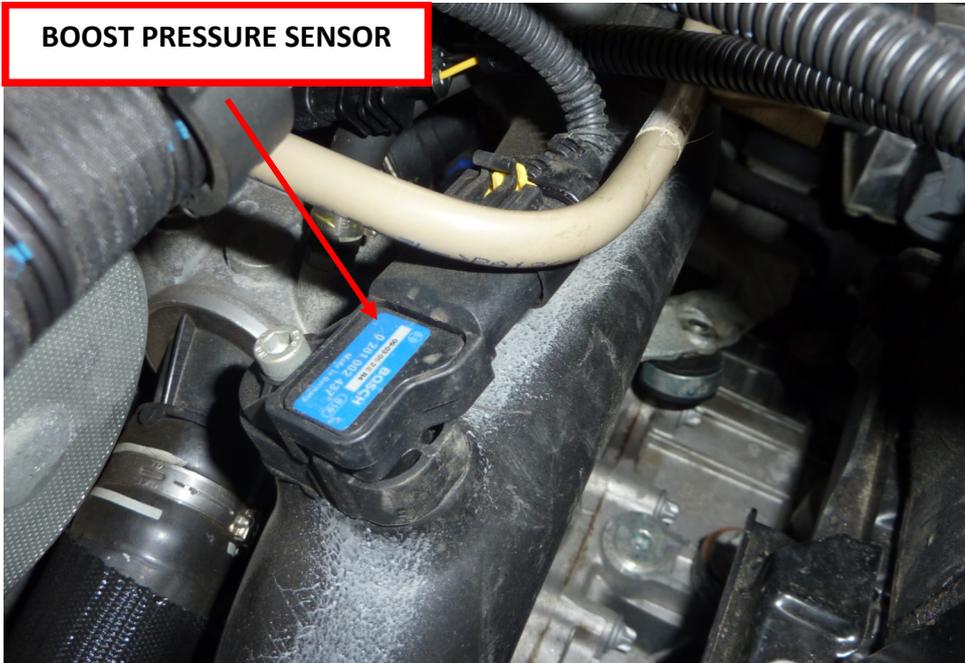
Alfa Romeo 1.8 TBI ( 147 kW / 200 PS )



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## Attach at the boost pressuer sensor

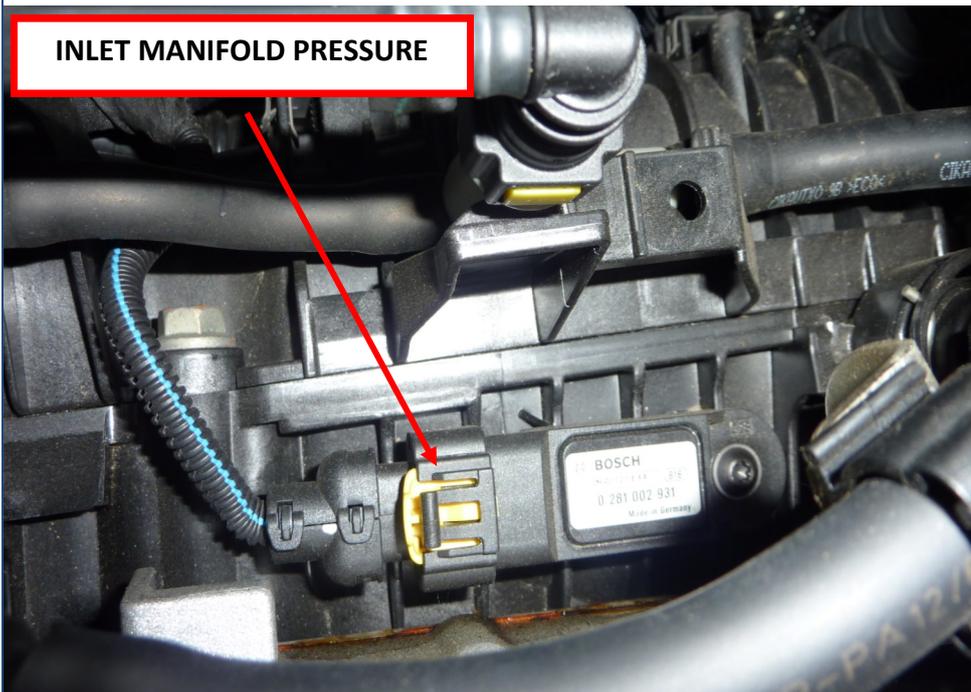
**BOOST PRESSURE SENSOR**



- Unplug the boost pressure plug.
- put the plug of the new cable loom into the boost pressure sensor.
- than connect the original boost pressure plug to the new cable loom.

## Attach at the manifold pressure

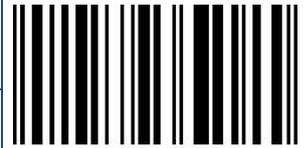
**INLET MANIFOLD PRESSURE**



- Unplug the manifold-pressure plug .
- put the plug of the new cable loom into the manifold pressure sensor
- than connect the original manifold pressure plug to the new cable loom.

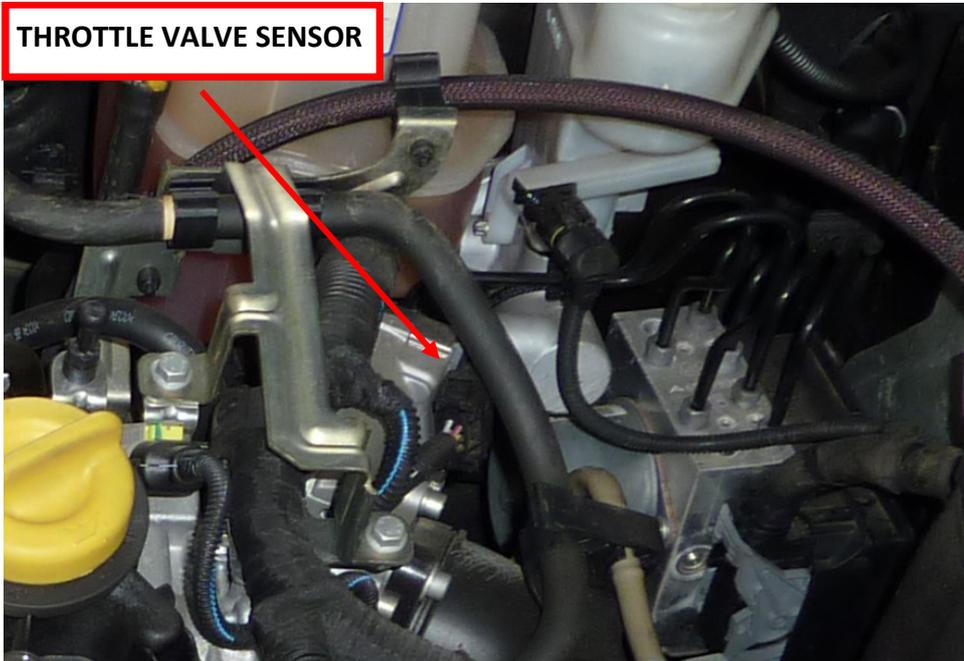
# INSTALLATION MANUAL

Alfa Romeo 1.8 TBI ( 147 kW / 200 PS )



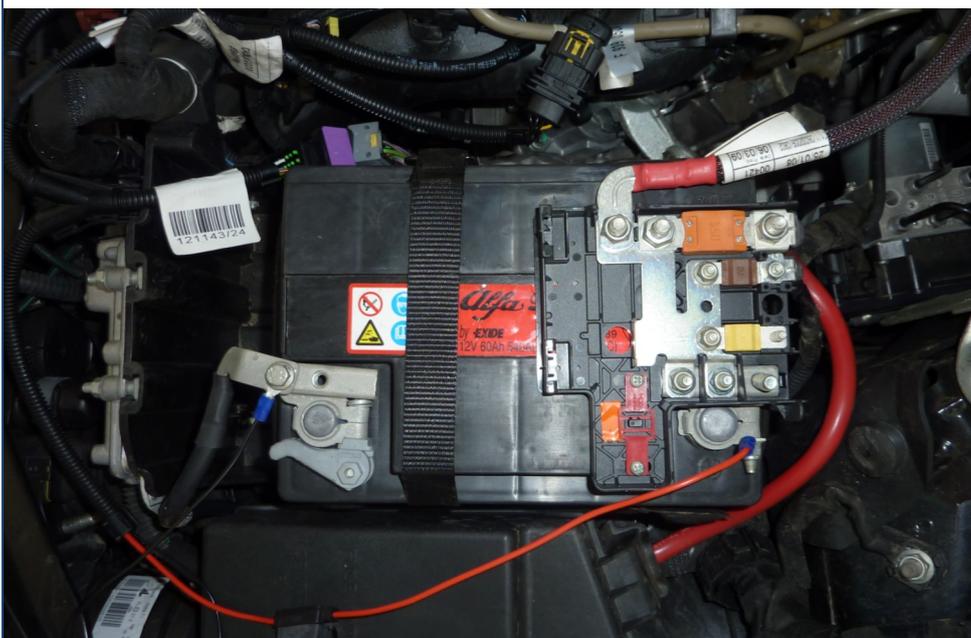
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## Attach at the throttle valve sensor



- Unplug the throttle valve sensor plug.
- put the plug of the new cable loom into the throttle valve sensor.
- than connect the original throttle valve sensor plug to the new cable loom.

## Attach at the 12V—electrical connection



- Connect the red cable of the new cable loom with the plus pole of the batterie and the black cable with the minus pole.

# INSTALLATION MANUAL

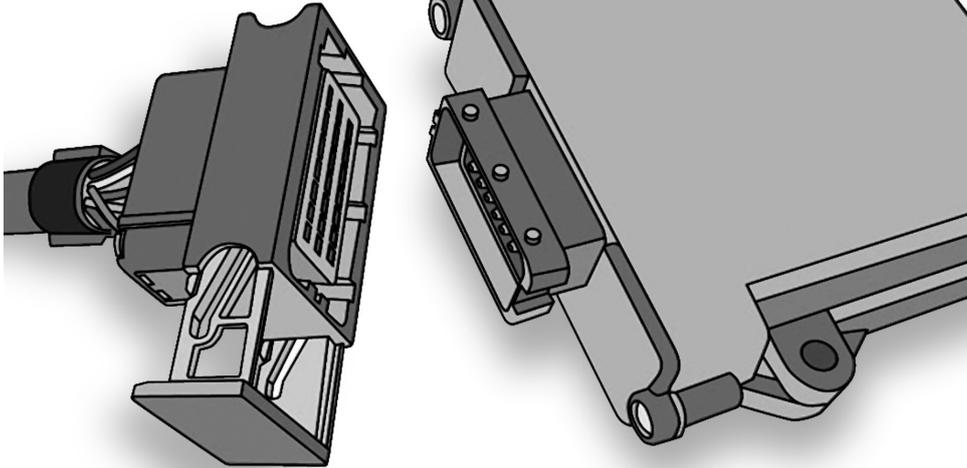
Alfa Romeo 1.8 TBI ( 147 kW / 200 PS )



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## Install the chiptuning box

**Attach the Chiptuning-Box**



- install the cable loom to a suitable location.
- the plugs have to snap in to guarantee a save connection
- fix the calbe with cable straps
- Finally connect the chip-tuning-box with the news cable loom.