



INSTALLATION INSTRUCTIONS



Porsche 911 (991)
3.0L - 370HP/420HP



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 tuningkit!
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.

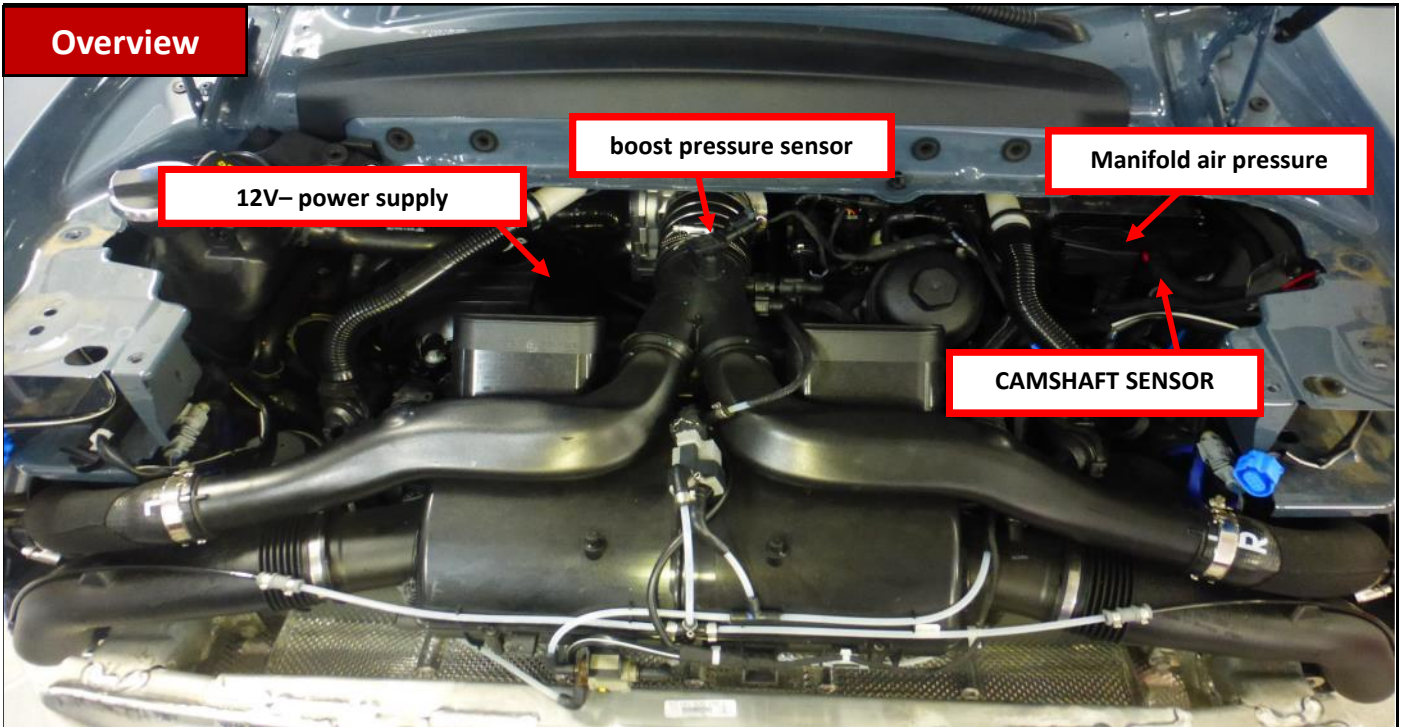
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Overview



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The chiptuning box ist attached to the follwoing points:

- Manifold air pressure
- Camshaft sensor
- Boost pressure sensor
- Plus (alternator), electrical ground (cooling fan)

Required tools:

- Screwdriver
- Torque wrench

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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- First remove the cooling fan protection.



- Remove the fan
- Please pay attention to the electrical connections of the fan

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- Remove the taillights.



- Remove the rear bumper.



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- Remove the rear spoiler.



- Remove the air inlet pipes.



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- Remove the control unit to access the camshaft
- Ensure that the vehicle rests for at least 5 minutes before removing the control unit.



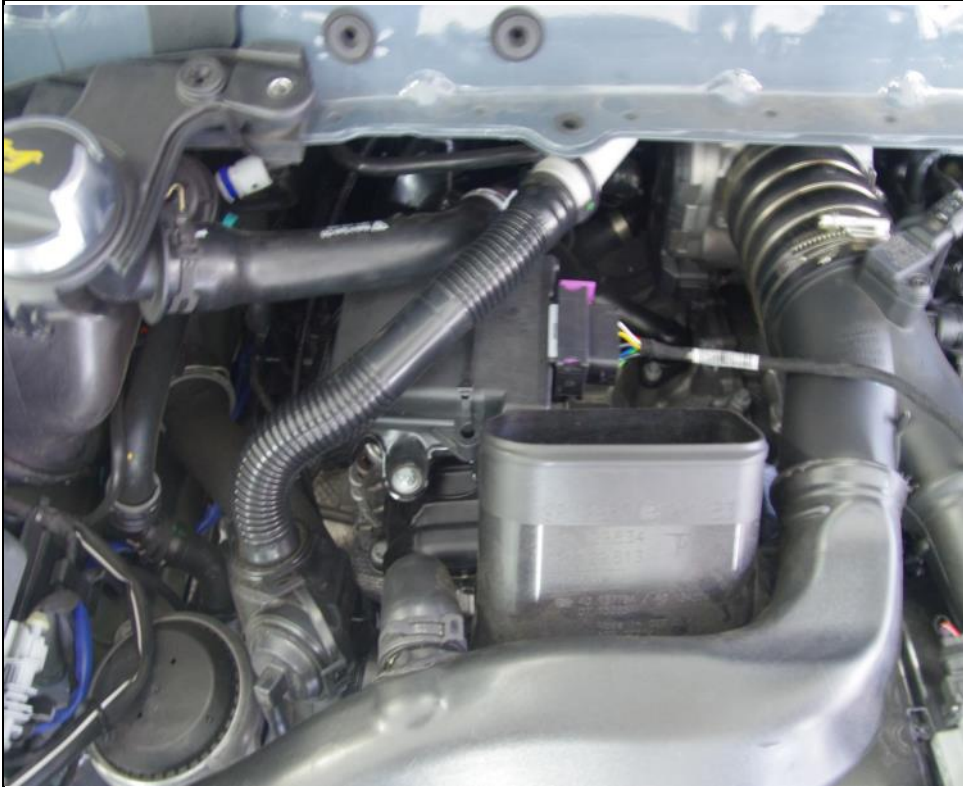
- Without control unit



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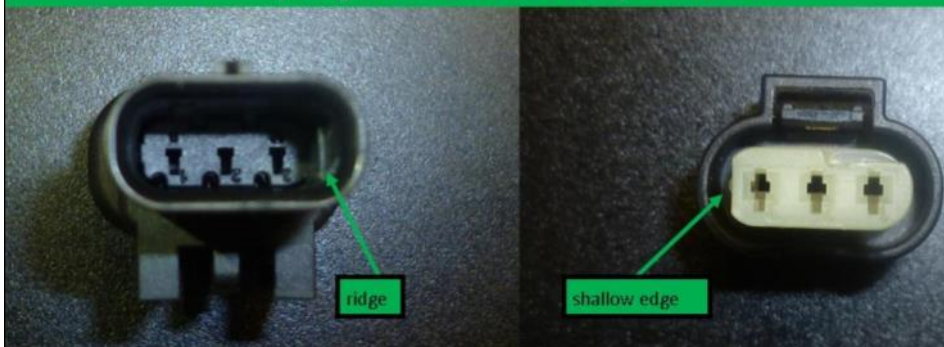
- Secure the electronics with a cable tie.

Important!

Please check if the the orientation of the 3 Pin Connector is correct. Because it is possible to force these plugs together upside down resulting in engine checklight. When connected correctly these connectors should join together freely without any resistance.



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!!!



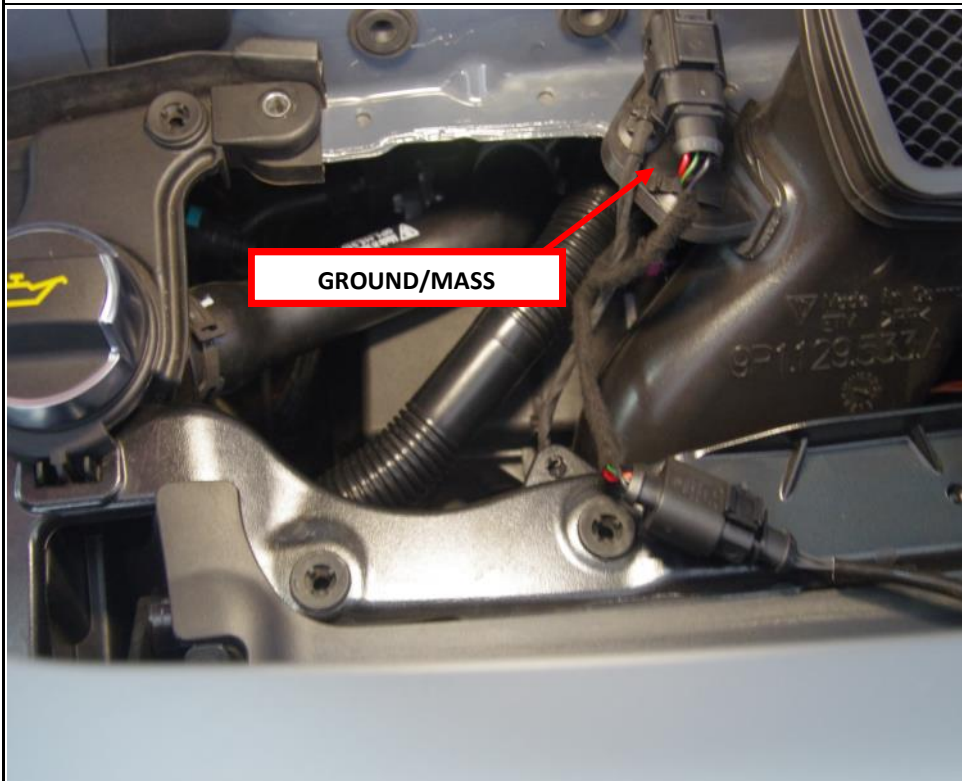
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- Connect the eyelet to the +12 Volt of the alternator
- The screw is positioned to the inside of the vehicle, so it is recommended to position the Tuning-Box as it is protected by a plastic cover.

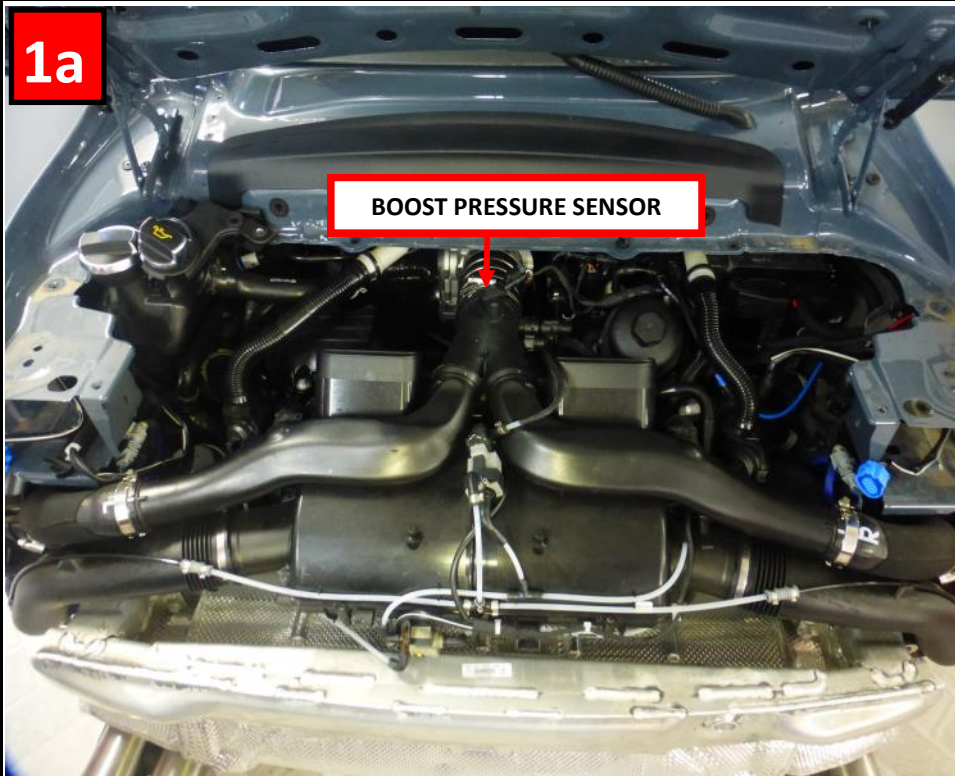


- Disconnect the fan powersupply and connect the tuningbox cables in series.
- Connect the cables to the original plugs

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**1a**

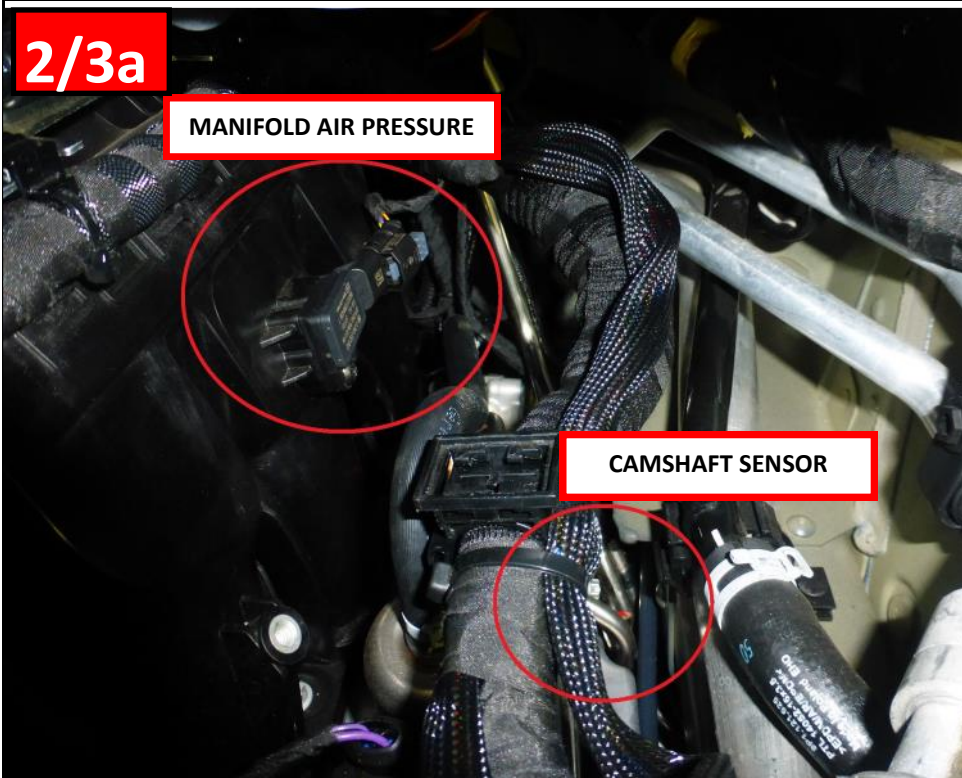
- The boost pressure sensor is located at the central point of the air supply.

1b

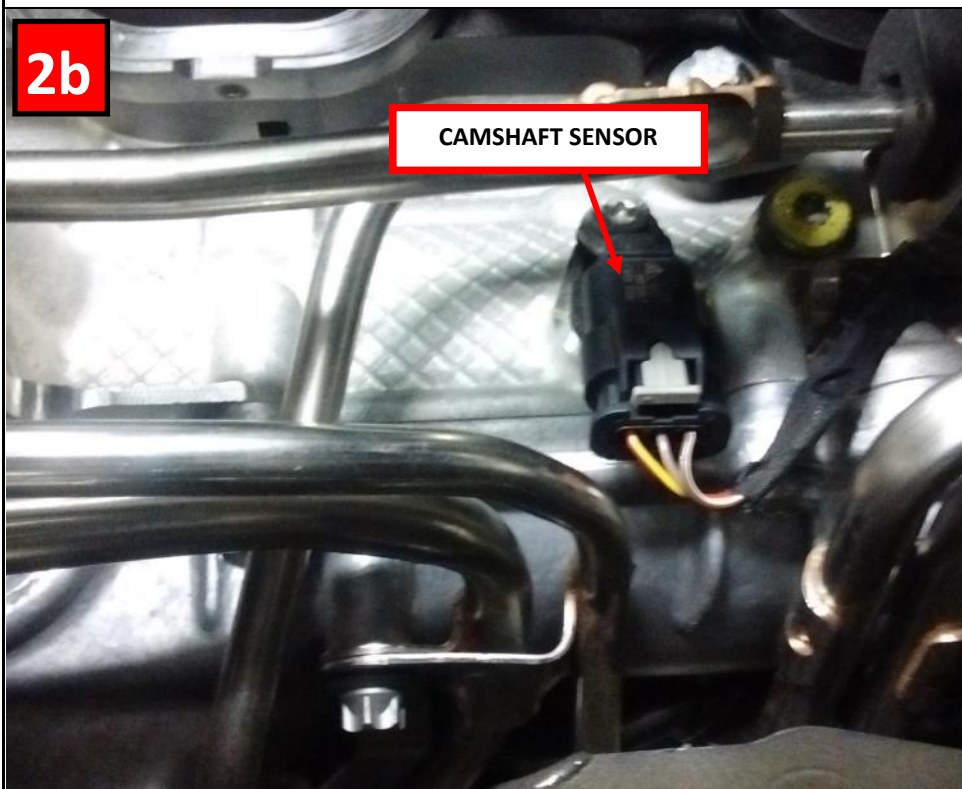
- First remove the connector of the boost pressure sensor.
- Connect the wiring loom to the original connector.

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- The camshaft sensor is not visible (before you have removed the control unit). It is hidden from normal view but shown clearly in image 2b.



- Remove the camshaft sensor connector.
- Connect the wiring loom to the original connector.