

Installation instruction

Porsche 911 991 3.0 Turbo
370PS—420PS



14110665

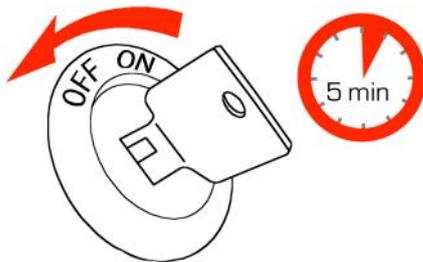
The product described in the guidance was developed, manufactured and controlled considering the necessary safety requirements.

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.

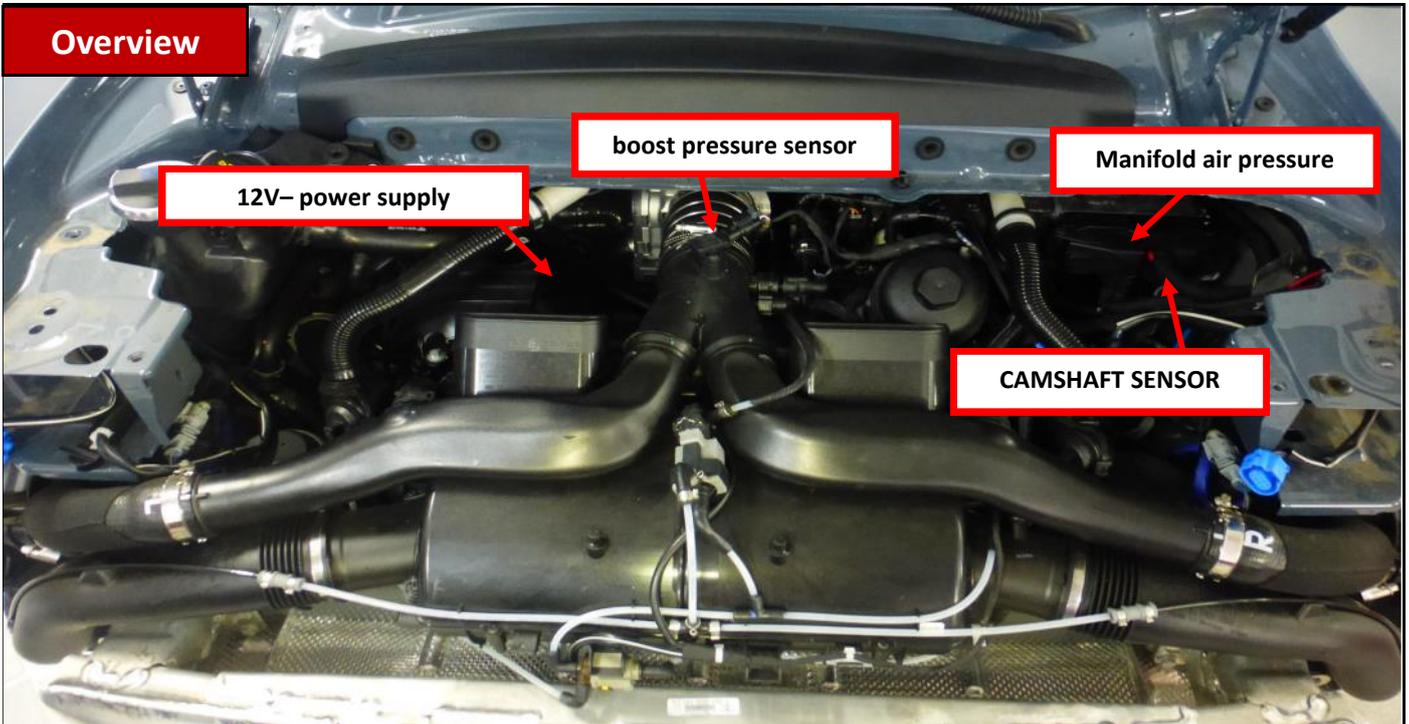
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Overview



Overview:

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.



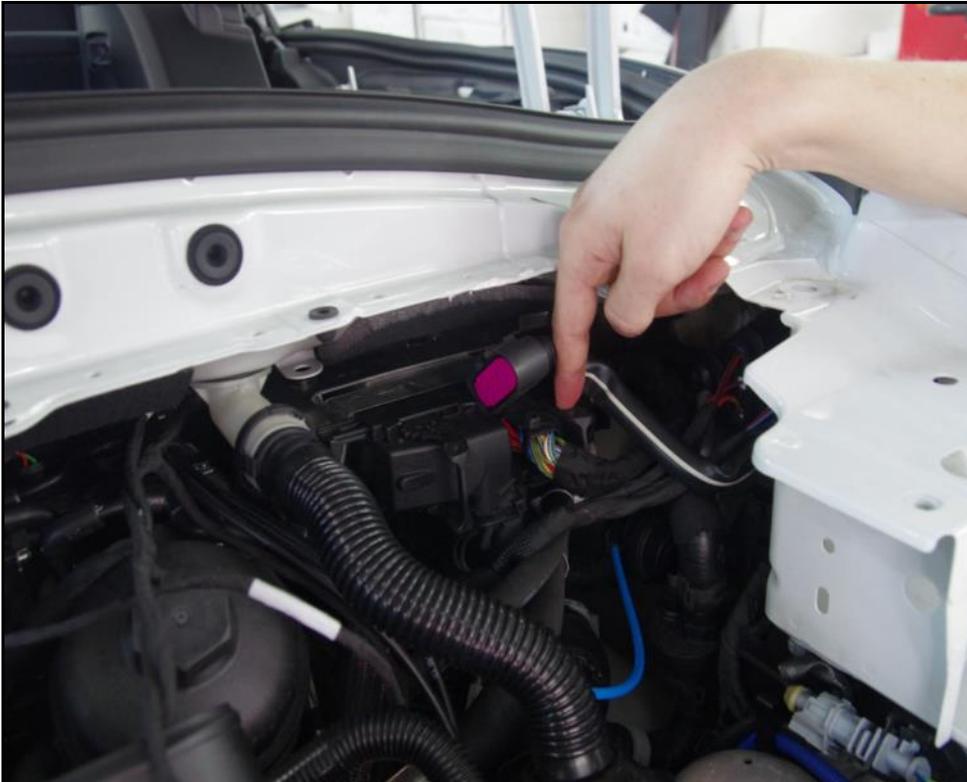
- Remove the air inlet pipes.

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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.



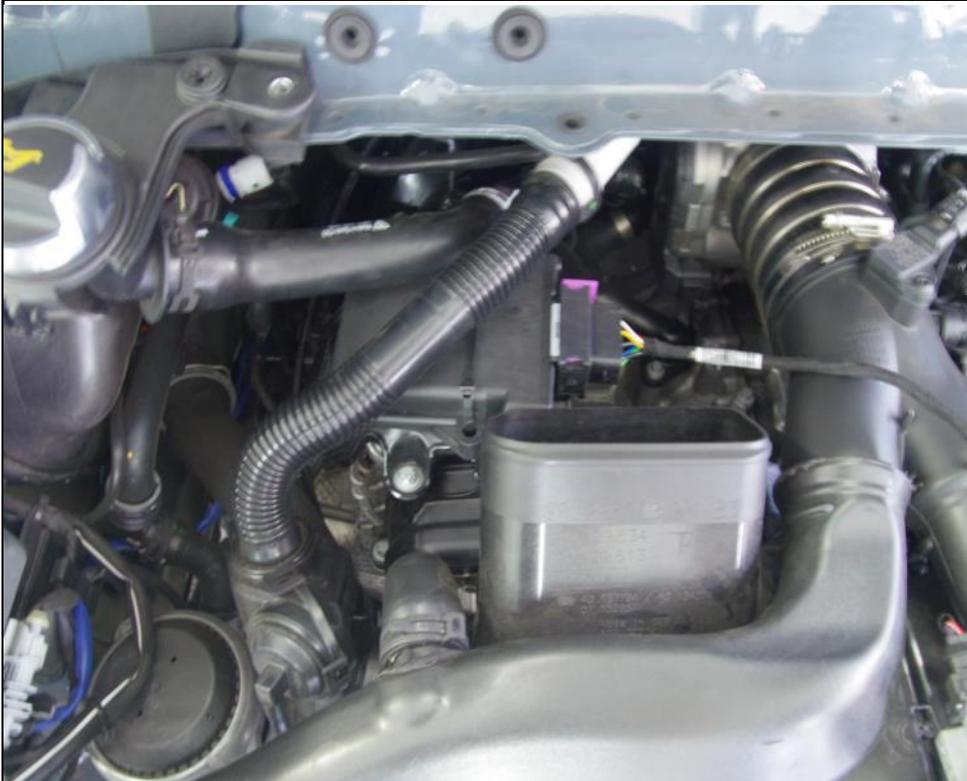
- Without control unit

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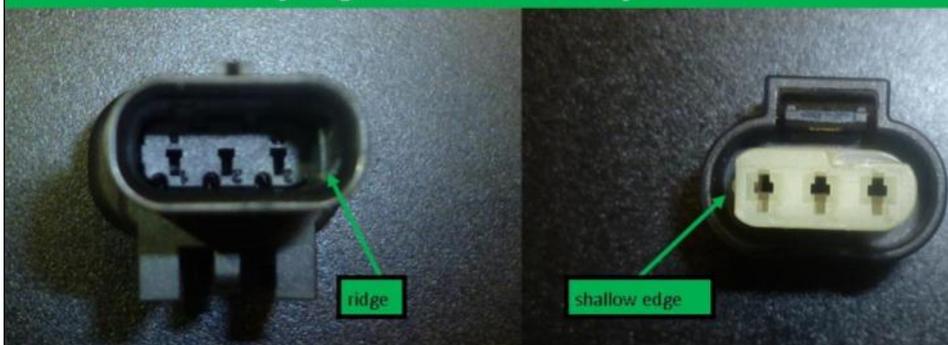


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- Secure the electronics with a cable tie.

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!!!

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 resluting in engine checklight. When connected correctly these connectors should join together freely without any resistance.



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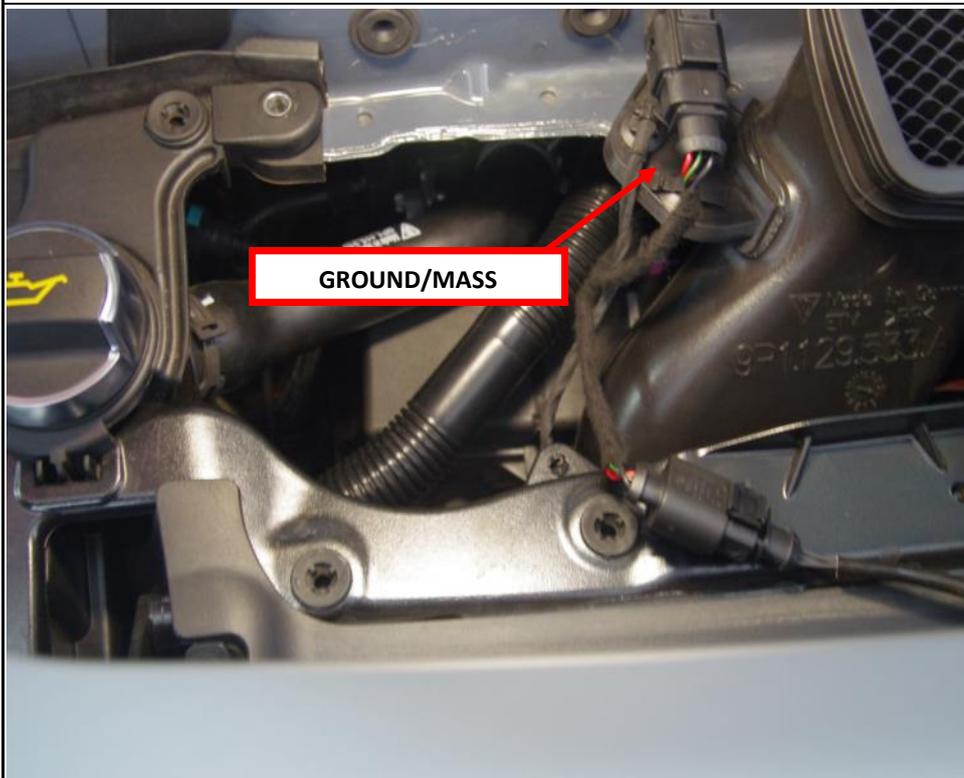
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- Connect the eyelet to the +12 Volt of the alternator
- The screw is positioned to the inside of the vehicle, so it is recommended to position the Tuning-Box as it is protected by a plastic cover.



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

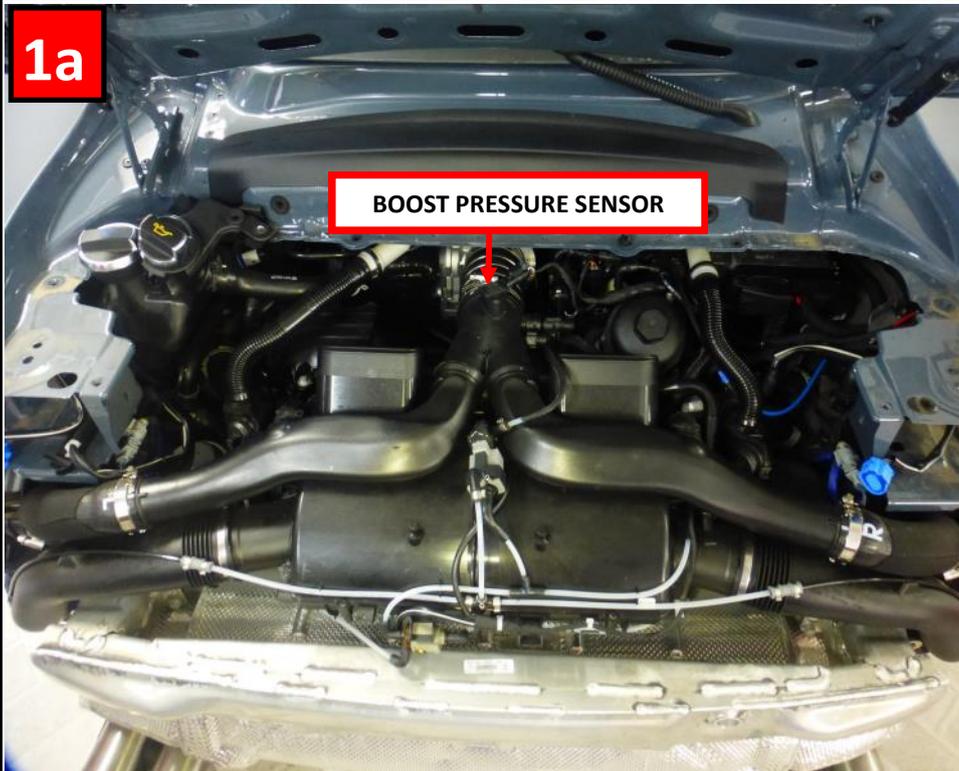
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1a



- 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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2/3a

MANIFOLD AIR PRESSURE

CAMSHAFT SENSOR

- 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.

2b

CAMSHAFT SENSOR

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

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FAQ

Error Description:

How to fix this error:

Engine doesn't start

Please check the plug-in connection of the affected sensors, make sure that all sensors are plugged in properly.

Make sure that the 12V power supply is connected correctly, if available.

Unplug the chiptuning box, plug the bridge connector, and then check whether the error persists.

Engine „jerky“

Check all connections, have you plugged in a plug incorrectly or is it not properly locked?

Have you removed one of the plugs under current? (Open the hood, close the doors, close and wait for 5 minutes)

Car goes immediately into limp mode

Please check the wiring harness.

Unplug the box, insert the bridge connector, and then check whether the error persists.

Car without power increase

Make sure you are on the correct plugs.

Please check the goods for possible damages and compare the item number on the box with the one in the webshop.

Only gasoline: Make sure you have fueled the right fuel with min Super Plus (98 RoZ) or a higher quality.

Strong soot development in the engine

Only after consultation, change the chip tuning box down by the rotary coding switch by 1 to 2 steps.

If you have a chiptuning box with app, set it to "ECO".

Engine has misfire

Please unplug the chiptuning box and plug the bridge plug.

Then try again to see if the error still occurs.

