

Installation Instructions

Audi 1.8/2.0 - T/TFSI Engines

Bluespark
AUTOMOTIVE



This product has been designed and manufactured to work correctly with installation as described in these instructions.

Failure to follow these instructions could result in damage to property, damage to the product and or potential injury.

It is very important that you read and understand these instructions thoroughly before installing this product.

Included Contents:

- Tuning Module
- Wiring Loom
- Fastening Ties
- Installation and User instructions
- Protective Bag For Module – (prevents damage to unit casing)



Before installation:

1. Open the vehicle's bonnet
2. Remove the ignition key
3. Close and lock the doors
4. Wait 5 minutes before removing any electrical plugs

Do not open the vehicle doors or unlock the vehicle while installation is in progress.

Installation Location:

The module should be installed between the vehicle's Boost sensor and wiring loom as shown in the diagram.

Locating the Unit:

The unit itself should be mounted away from:



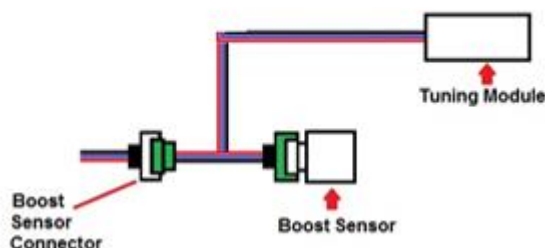
Sources of Extreme Heat



Sources of Vibration



Sources of Spray Water



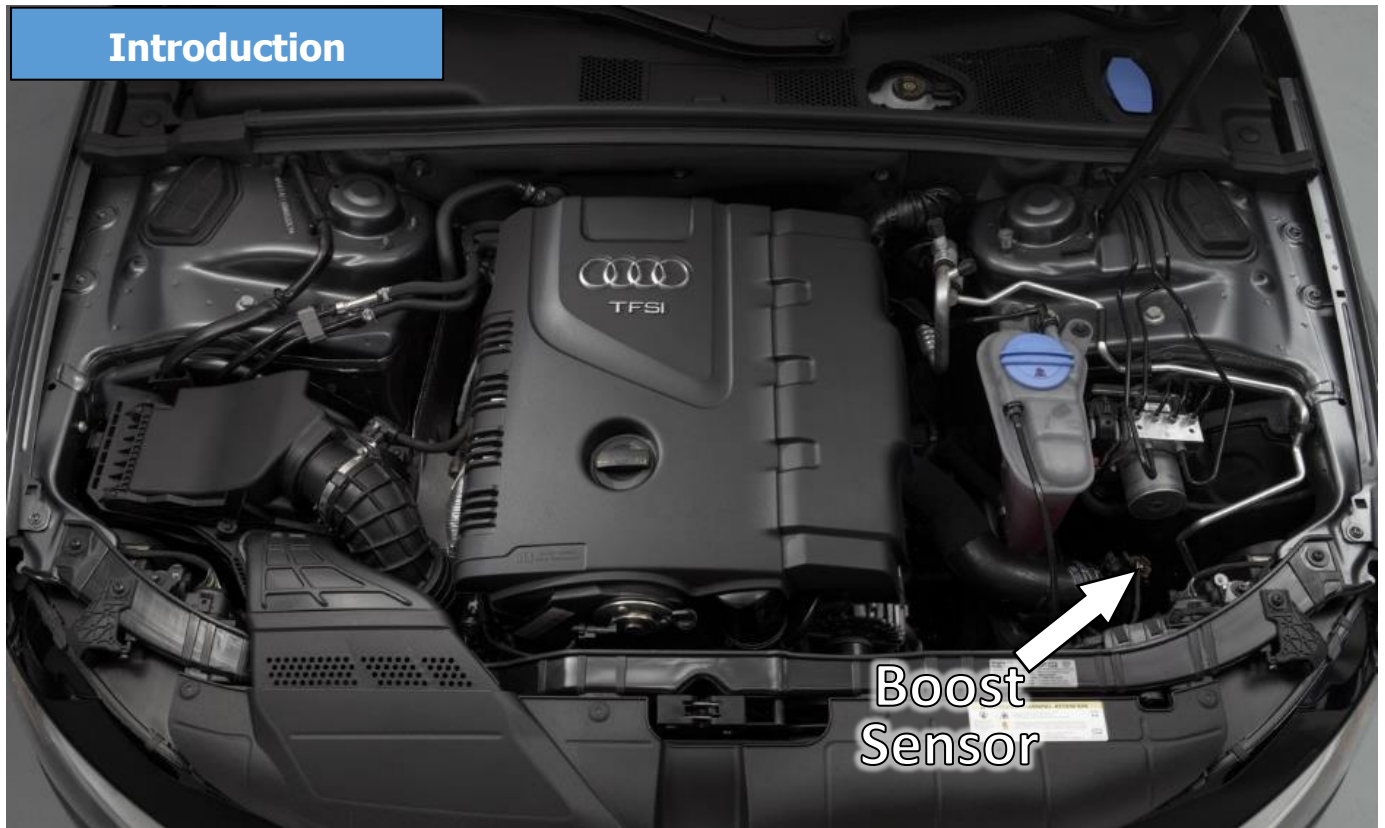
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Introduction



- Ensure that your engine looks similar to the supplied photographs. (minor changes with ancillary components are to be expected, however if the engine looks nothing alike, please contact Bluespark Support.)
- Familiarise yourself with the locations of the connectors highlighted.
- Make sure that you have a good grasp of the operation of the connector clips and or locking tabs. - If the connectors you are trying to access are in an awkward place, it may be useful to try unplugging (and then re-inserting) a connector on the vehicle which is more easily accessible. Alternatively try plugging together the connectors on the Tuning Module itself.

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Step 1



- Unplug the Boost Sensor connector (4 pin) by pulling back the releasing clip and pulling back on the connector.
- Insert the connector from the Tuning Module's wiring loom into the Boost Sensor.
- Insert the Vehicle's Boost Sensor connector into the corresponding connector on the Tuning Module's wiring loom.



- If the vehicle has a brown coloured boost connector the tuning box connectors will need to be trimmed to fit. Please see the notes on the following page. If it has a black coloured boost connector (90% of vehicles) please just fit the unit as normal.

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Brown Boost Connector



- If the boost connector is brown in colour, there will be both an external and internal ridge on the sensor body and the connector which prevents the tuning box connectors from sliding on. For the External Ridge you can either:
 - Cut a notch out of the tuning box connector to allow this ridge to slide in.
 - Trim the notch off the side of your vehicle's boost sensor.

For the Internal Ridge, trimming the outside of the tuning box connector is much easier than modifying the vehicle's connector. We do not make these modifications as standard because the vast majority of 2.0 TFSI models use a black boost connector which readily fits our wiring looms.



Route the tuning box wiring harness away from sources of heat (exhaust manifolds, EGR pipes, most stainless steel pipes) and also away from any rotating parts such as belts.

- Double check all connections are correct and firmly connected. If this is the case, start the vehicle and ensure there are no engine warning lights or error messages displayed.

If everything is as it should be, please feel free to take the vehicle out for a test drive and enjoy the added responsiveness and power added to your vehicle by the Tuning Module.