

Installation Instructions

VAG V6/V8 TDI Engines - Pro + Boost

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 MAP and Boost sensors as shown in the diagram.

Locating the Unit:

The unit itself should be mounted away from:



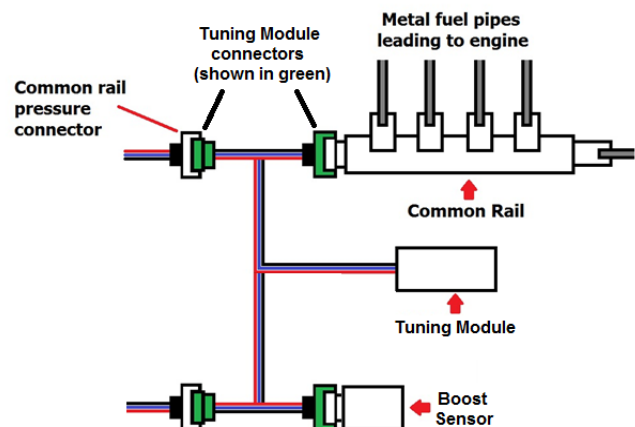
Sources of Extreme Heat



Sources of Vibration



Sources of Spray Water



K3-4FEP-B-122

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Step 1



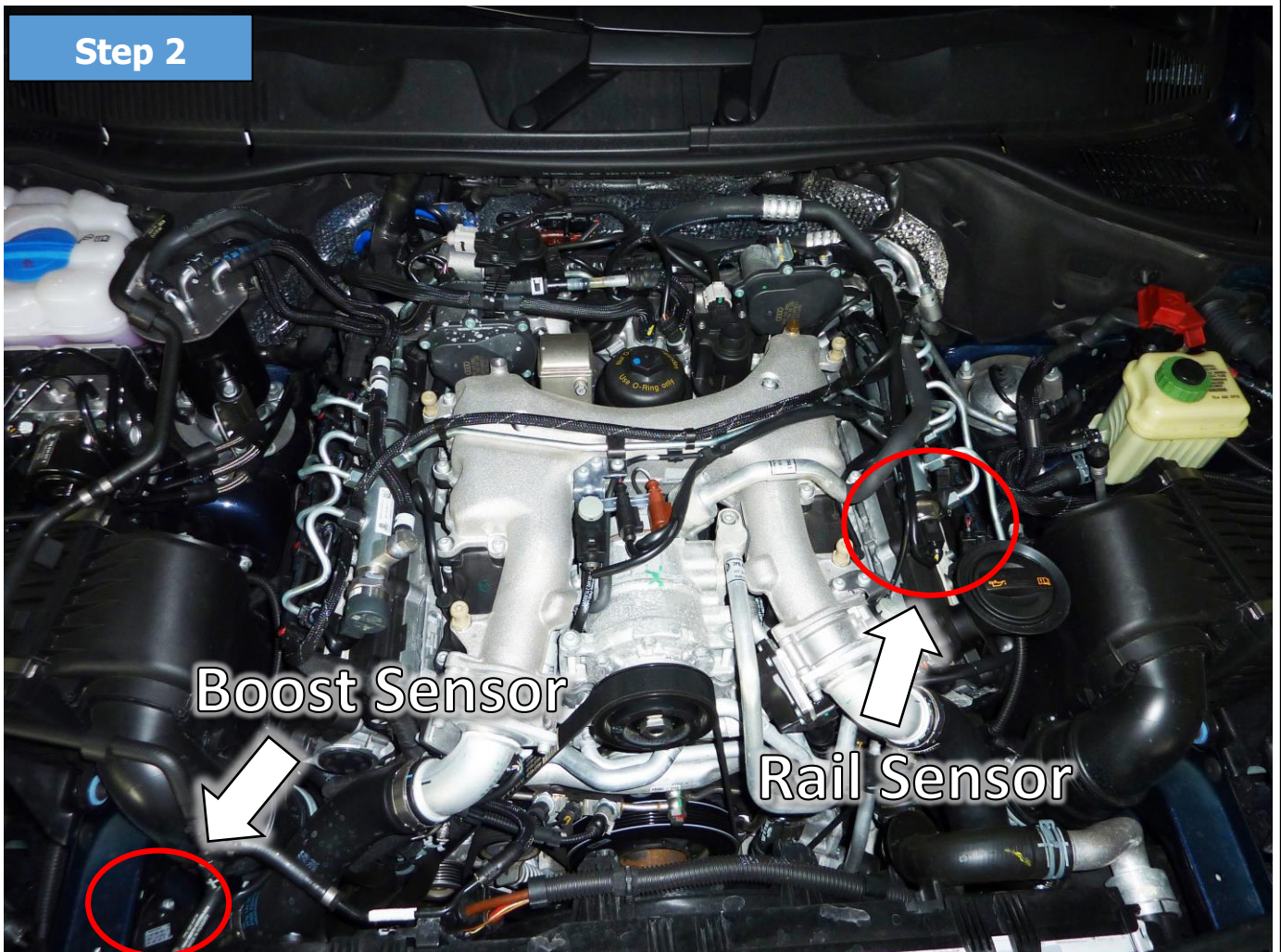
- Remove the plastic engine cover by lifting it off the engine, then the engine should look similar to the photo in Step 2.

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Step 2



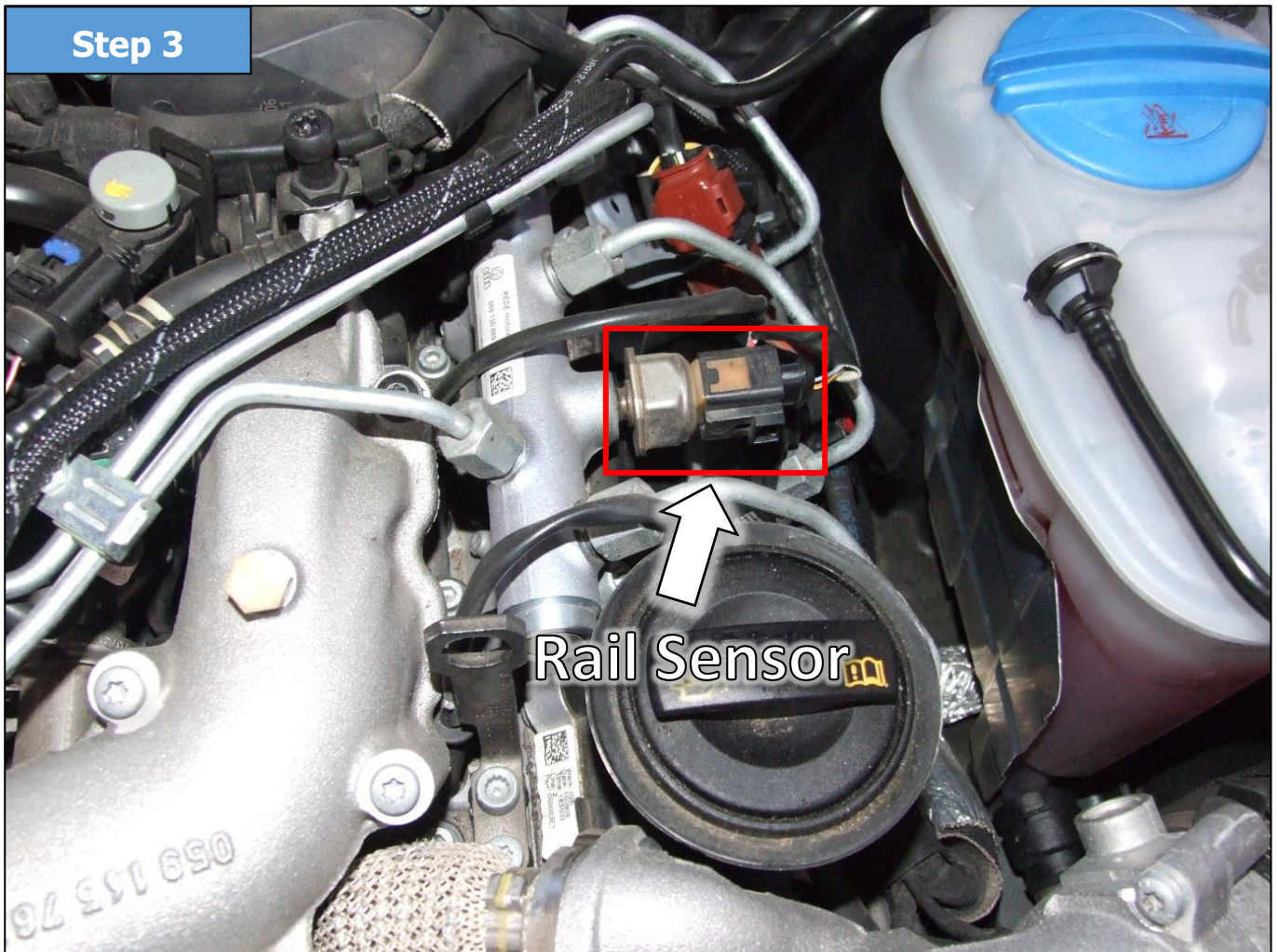
- Locate and familiarise yourself with the Rail sensor indicated in Step 2.

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Step 3



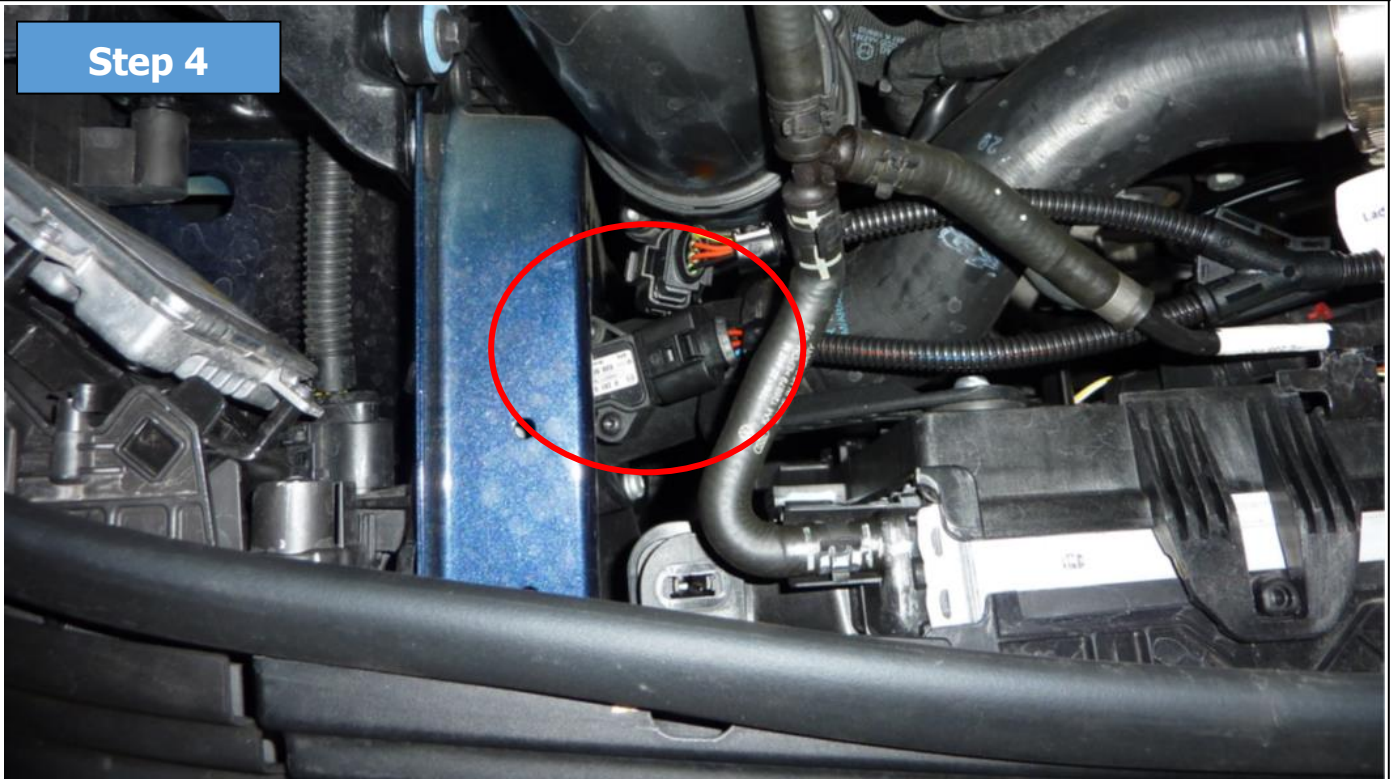
- Remove the connector attached to the Rail sensor (3 pin), please note that the connector may have a yellow locking tab on it. This must be clicked backwards before the connector can be removed.
- Attach the plug from the Tuning Module to the Rail sensor, indicated in the image above, the rail sensor can also be located on the end of the rail depending on the year of manufacture..
- Attach the connector that you have removed from the Rail sensor to the remaining connector

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Step 4



- Unplug the Boost Sensor connector (4 pin) by pressing down on the releasing tab 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.

- With the unit successfully installed please secure the unit and wiring loom within the engine bay, paying attention to the guidelines highlighted on Page 1.



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.
- Re-install the undertray and place the engine cover back over the engine making sure it clips in to place.

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.