

Group 16: JB4 Install Guide for VAG/Porsche 2.0T EA888 Gen 4 engines 261/265hp versions

Install Guide

Last updated 2021/09/08

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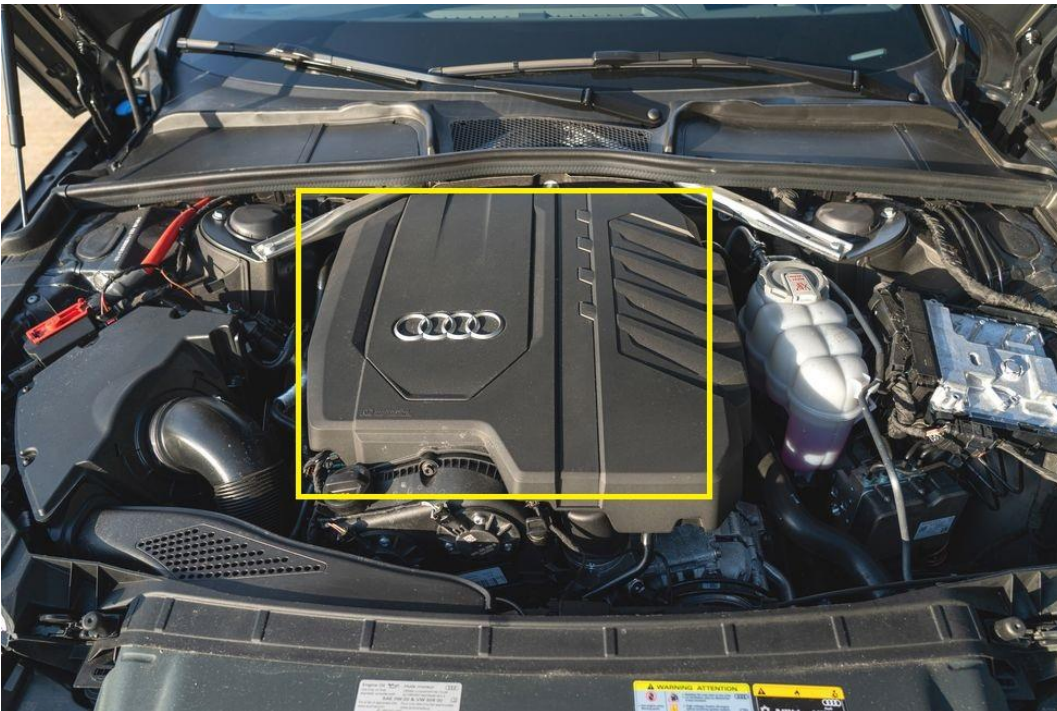
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Step 1: Open the hood and lock the car for 10 minutes before commencing the install. If keyless entry take the key out of range.

Step 2: Remove the engine cover

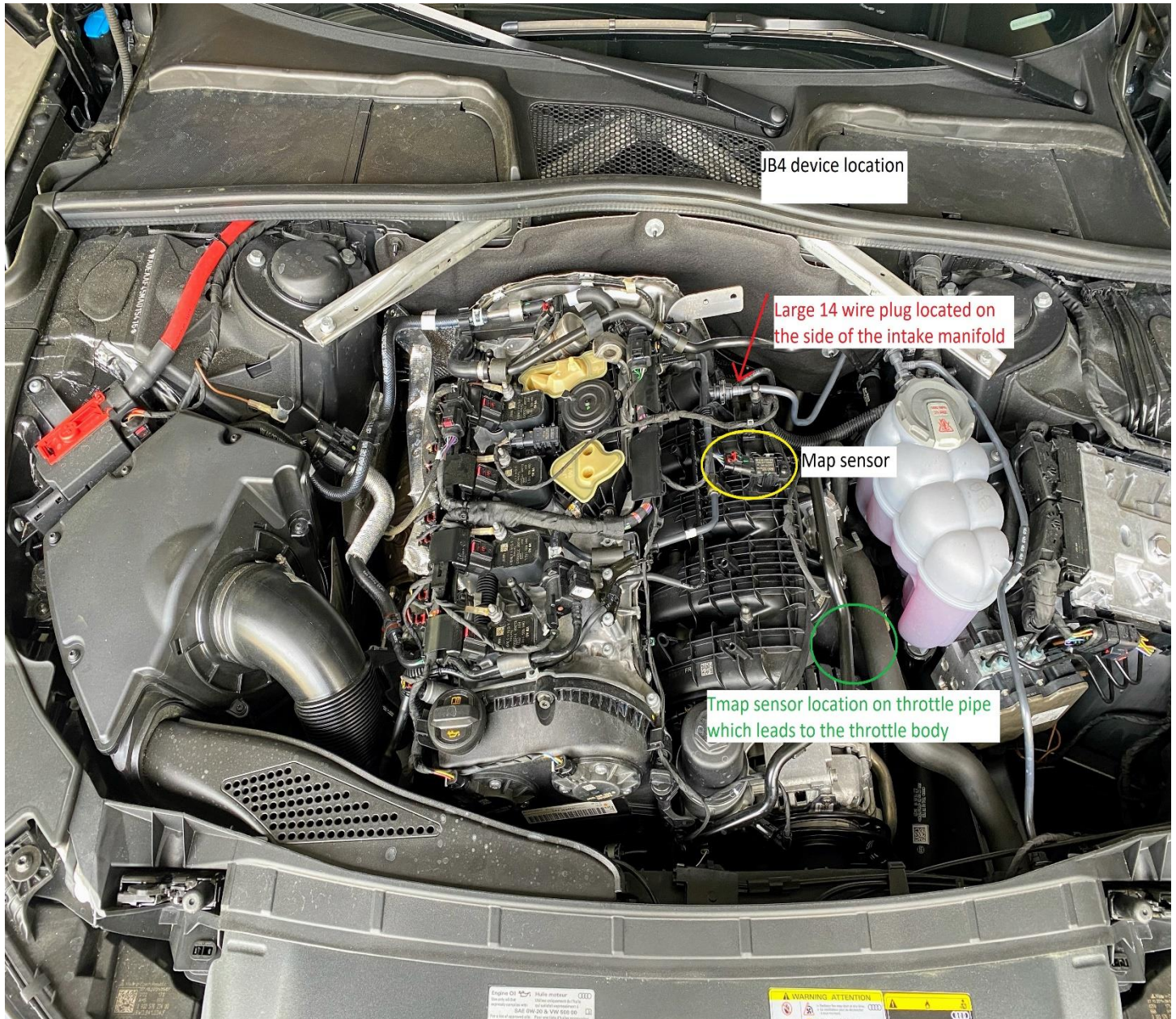
The engine cover is held in place by three rubber grommets, it is removed by simply lifting it up. This will expose the sensor that needs to be intercepted at the top of the engine bay.



Step 3: JB4 harness to the car

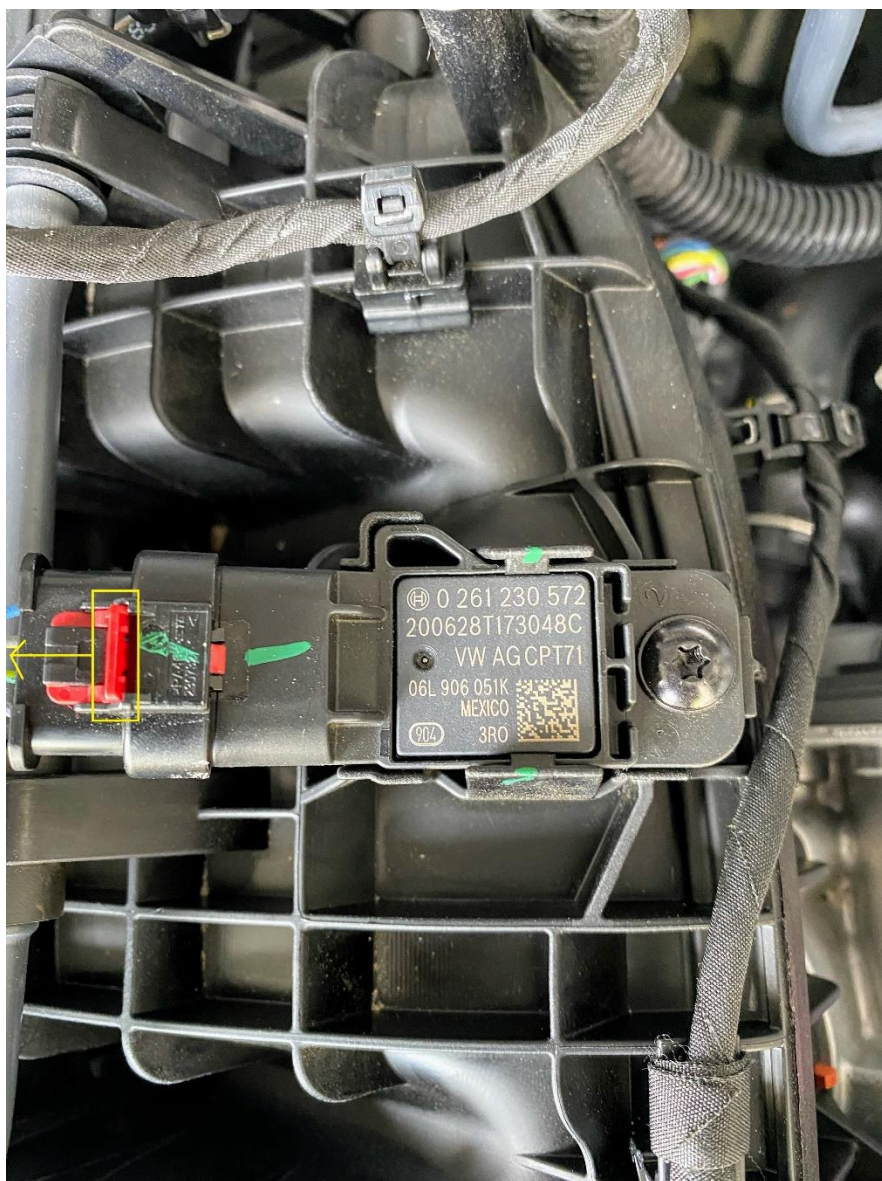
On the JB harness you will find a male and female sets of plugs. The JB works by intercepting and altering the signal going to the ECU hence you will remove the factory plug replacing it with the plug on the JB harness and plug the factory plug into the JB harness.

PLUG LOCATION OVERVIEW



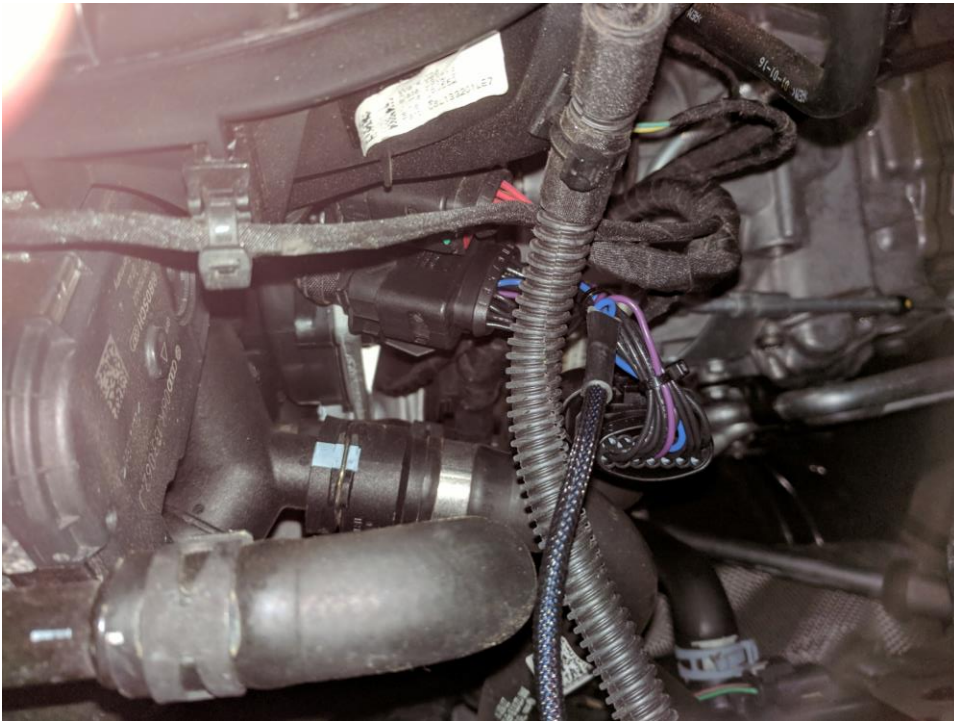
Map Sensor:

The map sensor plug on the manifold is removed by pushing the red tab back on the end of the sensor (yellow square) and unclipping it by pushing down on the tab. Plug the removed plug into the male plug on the JB harness and the female plug from the JB harness into the sensor. Be sure to lock the white locking tab on the plug on the original sensor.



Large 14 wired plug.

This is the 14pin plug that sits on the side of the manifold. It is easier to work on if it's slid out of its holder by pulling it toward the front of the car. It is removed by pressing on the tab in the back and pulling toward the right as positioned. Plug the removed plug into the male plug on the JB harness and the female plug from the JB harness into the sensor. You can push the sensor back into its holding clips after this.



TMAP.

The TMAP sensor is found on the charge pipe which goes to the throttle body. It is removed by sliding the grey tab backwards and then down to unclip it. A screw driver may be used to assist it going back. Plug the removed plug into the male plug on the JB harness and the female plug from the JB harness into the sensor.



OBD CONNECTION

The OBD plug (purple or different color relative to model) can be found on the panel above the pedals of the car on the left hand side as pictured below:



The panel can be removed by removing the hex screws holding it in place till you see the rubber grommet circled below. You can punch a small hole in this to pass the OBD wire through to the engine bay and plug it into the JB4.



The OBD wire will exit into the engine bay as below and you can connect it to the JB4.



When connecting the small plug to the JB4 be sure to orientate the plug correctly using the below picture guide.



At this stage the installation is done. When you start the car if the traction control light and start/stop light are on they will go away as the car drives. This occurs due to the battery disconnect and certain modules need to be reset by the ECU which happens as you drive the car for the first time.

The car will take a few full throttle runs to fully adapt.

If you need additional installation assistance email george@burgertuning.com

Mapping guides can be found at:

<https://www.n54tech.com/forums/showthread.php?t=50428>