

EA839 4-Bar MAP Sensor

The 034Motorsport 4 Bar MAP Sensors are designed to replace the factory 2 Bar MAP sensors on the EA839 2.9T/3.0T engine. These sensors are a required upgrade for 034Motorsport Dynamic+ Stage 3 Software. Included are two 034Motorsport 4 Bar MAP Sensors which plug directly into the OEM harness and are a direct drop-in replacement.

Installation Spiciness Rating: MILD

Installation of your EA839 4-BAR Map Sensors is a straightforward process that should take approximately 30 minutes to complete.

Supplied Parts:

- (2x) 034 4-Bar Map Sensors

Tools Needed:

- T30 Torx
- T25 Torx

Getting Started

Confirm you have received all the parts included with your purchase by reading the complete guide, if there are missing components, please contact:

customerservice@034motorsport.com

About This Guide

This Install Guide documents the installation process on an B9 Audi S4. There may be minor differences depending on specific vehicle, market, options, etc.

Install Steps

Step 1

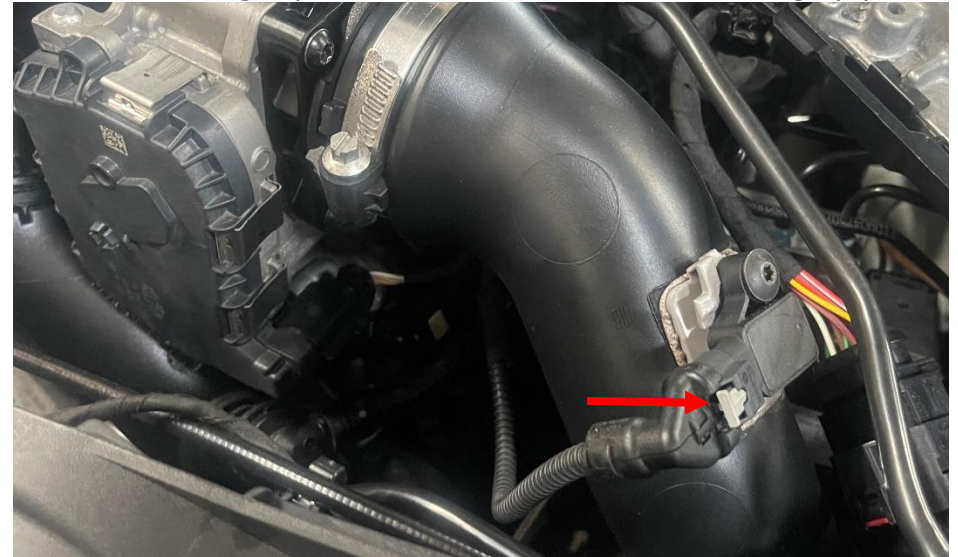
Open your hood to access the engine bay.



[Pre-Throttle Body]

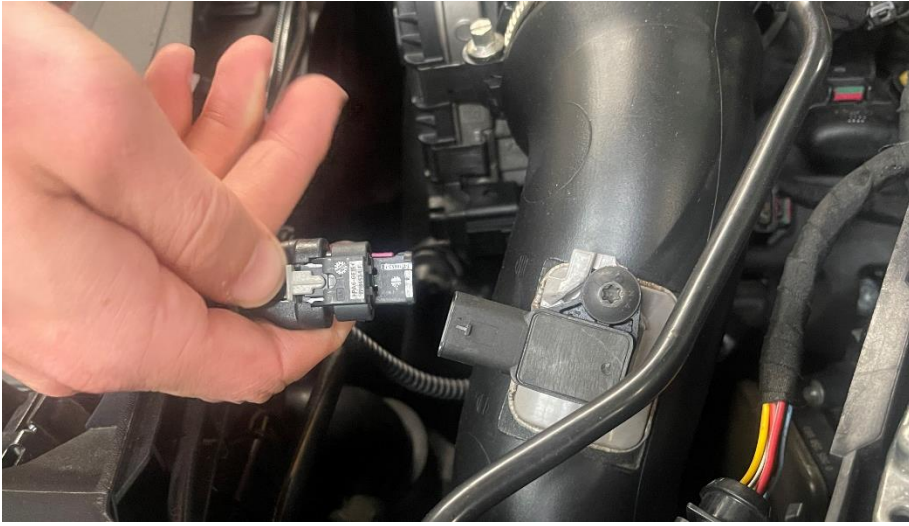
Step 2

Pull the locking clip from the OE sensor on the charge pipe.



Step 3

Unplug the OE sensor.



Step 4

Using a T25 Torx bit, remove the hardware securing the OE sensor to the charge pipe.



Step 5

Remove the OE sensor from the charge pipe.



Step 6

Install the 034 map sensor by pushing it firmly into place.



Step 7

Using a T25 Torx, reinstall the hardware to secure the 034 map sensor to the charge pipe. Torque to **5Nm**.



Step 8

Install the plug-end into the 034 map sensor.



Step 9

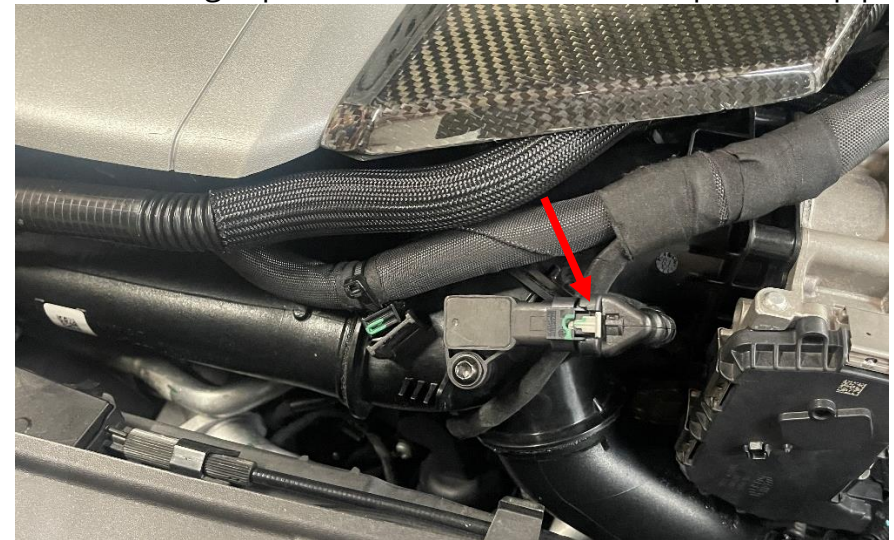
Push the locking clip into the 034 map sensor.



[Post-Throttle Body]

Step 10

Pull the locking clip from the OE sensor on the pressure pipe.



Step 11

Unplug the OE sensor.

**Step 12**

Using a T30 Torx bit, remove the hardware securing the OE sensor to the pressure pipe.

**Step 13**

Remove the OE sensor from the pressure pipe.

**Step 14**

Install the 034 map sensor by pushing it firmly into place.



Step 15

Using a T30 Torx, reinstall the hardware to secure the 034 map sensor to the pressure pipe. Torque to **5Nm**.



Step 16

Install the plug-end into the 034 map sensor.



Step 17

Push the locking clip into the 034 map sensor.



Step 18

You are done! Enjoy the upgrade.

