

EA839 4-Bar MAP Sensor**034 MOTOR SPORT**

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](mailto: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

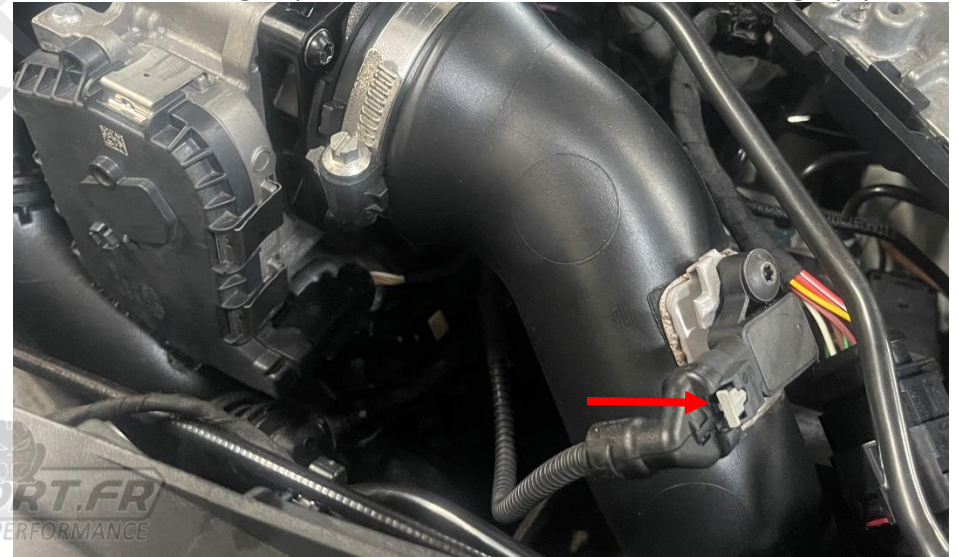
Open your hood to access the engine bay.



### [Pre-Throttle Body]

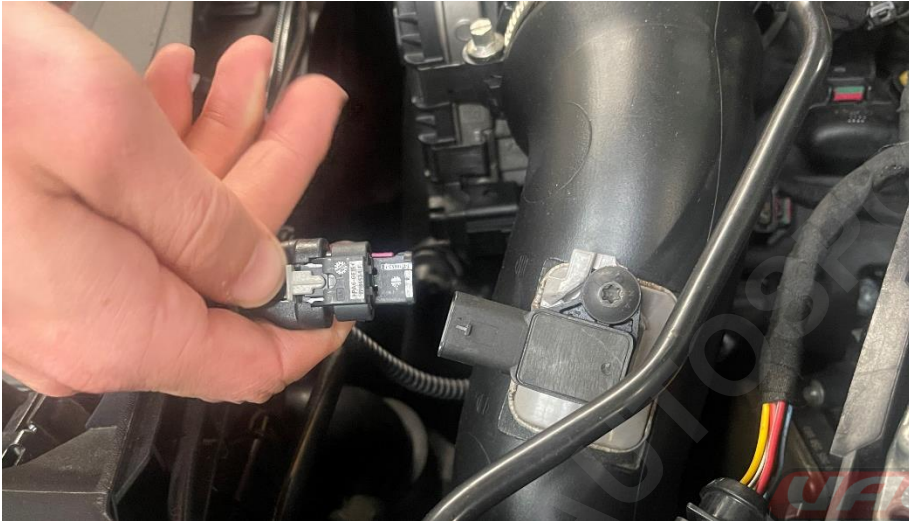
#### Step 2

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



**Step 3**

Unplug the OE sensor.

**Step 5**

Remove the OE sensor from the charge pipe.

**Step 4**

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

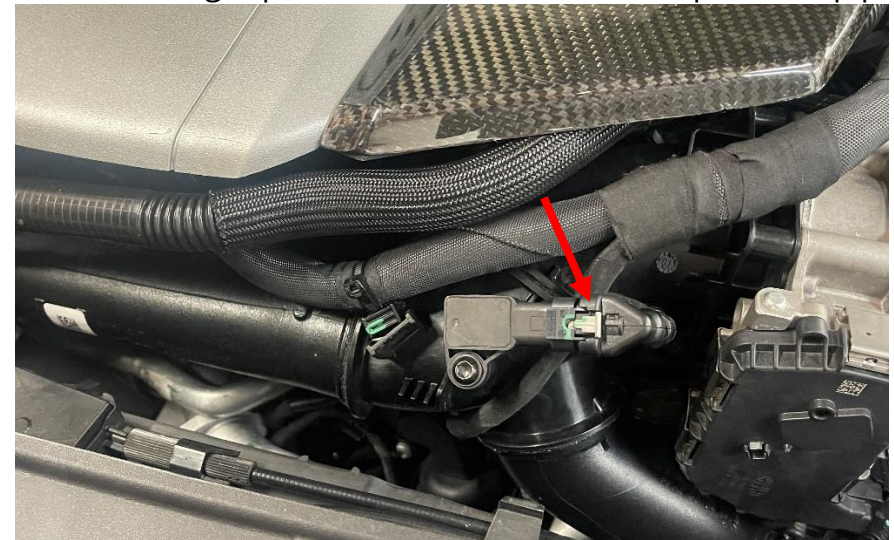
Push the locking clip into the 034 map sensor.



[Post-Throttle Body]

### Step 10

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



**Step 11**  
Unplug the OE sensor.



**Step 13**  
Remove the OE sensor from the pressure pipe.



**Step 12**  
Using a T30 Torx bit, remove the hardware securing the OE sensor to 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.

