

27WON

27W-6-888-11 Single MAP Sensor

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INTRODUCTION

In this installation guide we have provided generic step by step instructions to install the 27WON Performance 4 bar MAP Sensor

Advisory:

- The engine bay will be hot after recent vehicle operation. Allow the vehicle to cool or use a fan to cool the engine bay before working on the vehicle.



TOOLS:

- [3/8" Ratchet](#) (1)
- [8mm Socket](#) (1)
- [3/8" Extention](#) (1)
- [Phillips Screwdriver](#) (1)






PARTS:

- [MAP Sensor](#) (1)

Step 1 — Getting Started



- First and foremost; **THANK YOU** for becoming a part of the 27WON Family. We hope to **REDEFINE** your experience of the aftermarket with the highest level Parts, Customer Service, Packaging, & Support
-  These instructions were written as a general step by step guide on how to install the 27WON Performance 4 bar Map Sensor. Install steps may vary depending on the intended vehicle
- If you don't see pictures of your vehicle in this guide and you want to help expand this guide contact us at sales@27WON.com
-  **Configuring the software on your tuner and reflashing it will be required after installing this part. The car should not be driven until the new flash is applied**
-  **Please note some CVT's might not have 4 bar map sensor support**

Step 2 — Vehicle Specific Instructions



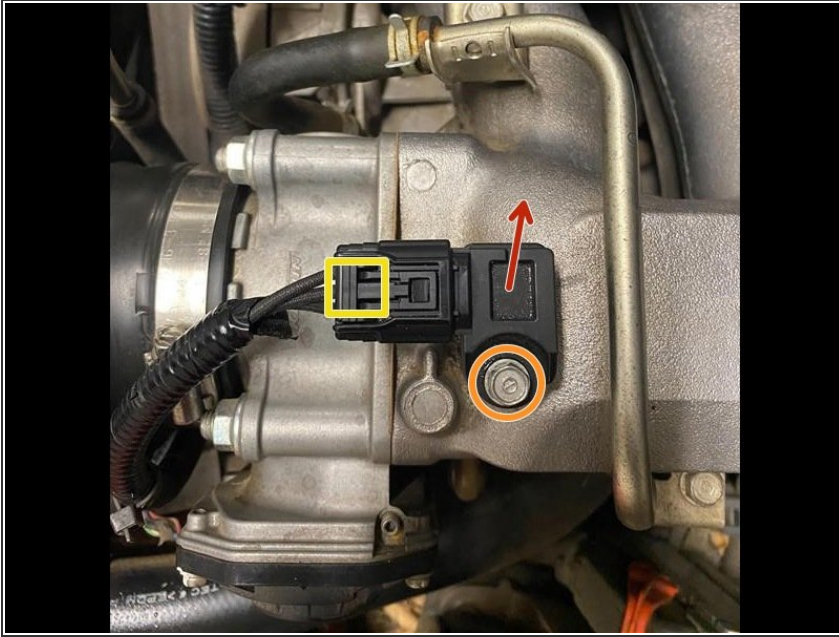
- Please note these instructions are the Generic install instructions. If you are looking for the 2016+ Honda Civic SI instructions click here: <https://www.performanceinstalls.com/Guid...>
- These instructions were written using a 2006 Honda S2000

Step 3 — Locate the MAP Sensor on Your Vehicle



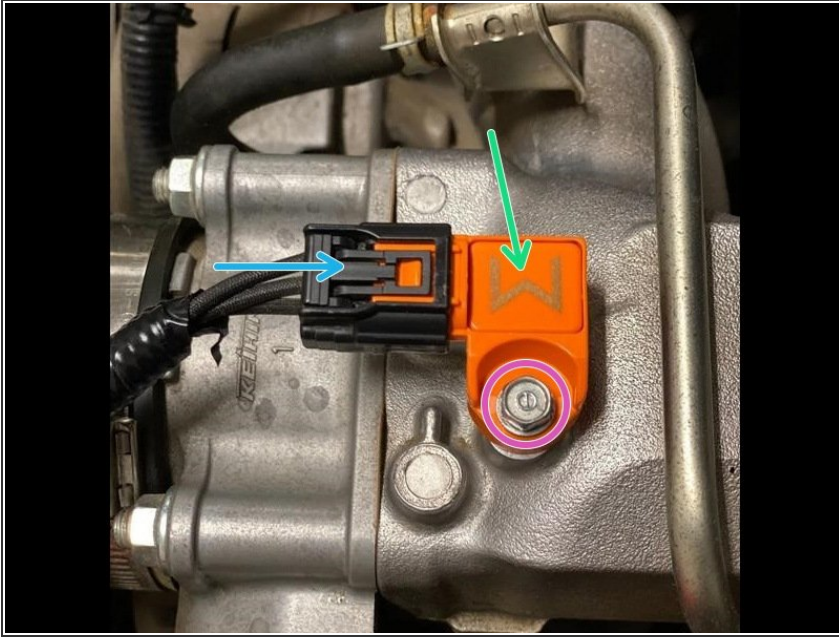
- The first step is to locate the MAP Sensor on your engine. The Map Sensor will be located in your intake manifold
- The green circle shows an example of an OEM MAP Sensor located on the intake manifold

Step 4 — Remove the OEM MAP Sensor from the Intake Manifold



- Once you find the OEM MAP Sensor located on the intake manifold remove it
- Squeeze the tab shown by the yellow square and gently unplug the wire harness from the MAP sensor
- Remove the bolt circled in orange, depending on your vehicle this bolt may be a Philips or a 8mm socket
- Pull the MAP Sensor straight out of the intake manifold

Step 5 — Install 27WON MAP Sensor



- Insert the MAP Sensor into the intake manifold until it is fully seated
 - ⚠ Make sure not to pinch the O-ring when installing the MAP Sensor
 - ⓘ A small dab of silicone on the oring can be used to aid in install
- Plug the wire harness into the MAP Sensor until it is fully seated
 - ⓘ You will hear a click when it clips in
- Insert the OEM bolt that you removed earlier and tighten until snug
 - ⚠ Avoid over tightening the sensor, the bolt will be snug with less than 12 in lbs of torque.

Step 6 — Configure Tuner for 4 Bar MAP Sensor



- Finally you must configure your tuner to account for the 4 bar Map Sensor. This process will be different for every tuner software so make sure to consult the manufacturer of your tuner device or a professional tuner

⚠ Configuring the software on your tuner and reflashing it will be required after installing this part. The car should not be driven until the new flash is applied

Step 7 — I Dare You to REDEFINE



- This completes the installation of your 27WON Performance MAP Sensor. You can now safely measure boost levels above 28+ PSI. Running boost over ~28 psi is typically only done on built engines with the correct supporting mods. Consult your tuner in regards to determining the safe levels of boost for your setup.

- We hope you were impressed with your 27WON experience and love your new MAP Sensors for years to come. Email us at sales@27won.com or call us at 571-271-0271 with any questions or concerns
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