

CorkSport Performance

AXO-6-345 Boost Reference Adapter

Installation Instructions for the CorkSport Performance Boost Reference Adapter for the 2021+ Mazda 3 2.5L Turbo

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INTRODUCTION

In this installation guide we have provided step by step instructions to install the CorkSport Performance Boost Reference Adapter.

TOOLS:

- #3 Phillips Head Screwdriver (1)
- T25 Torx Bit (1)
- 1/4" Bit Driver (1)

PARTS:

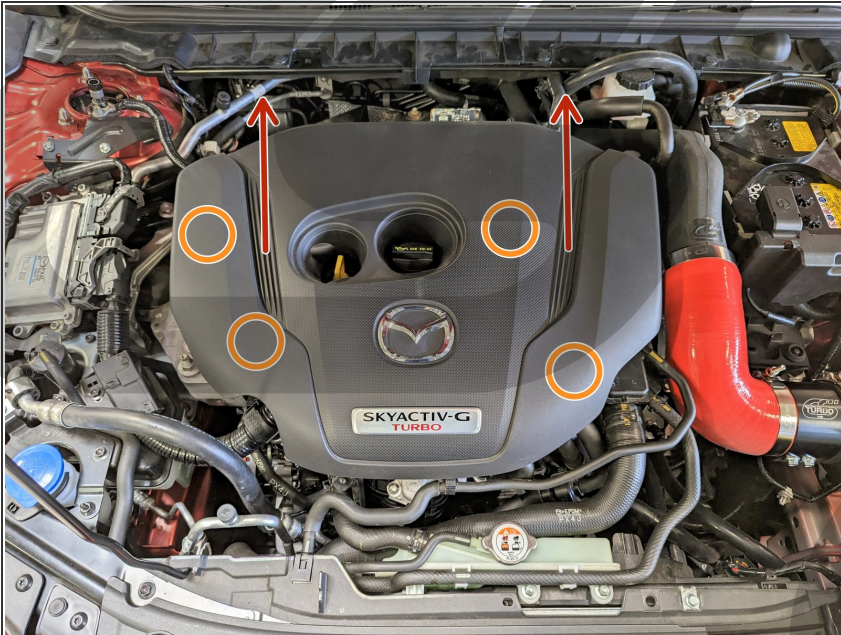
- CorkSport AXO Boost Reference Adapter (1)
- Stainless Steel Screw (1)

Step 1 — Getting Started

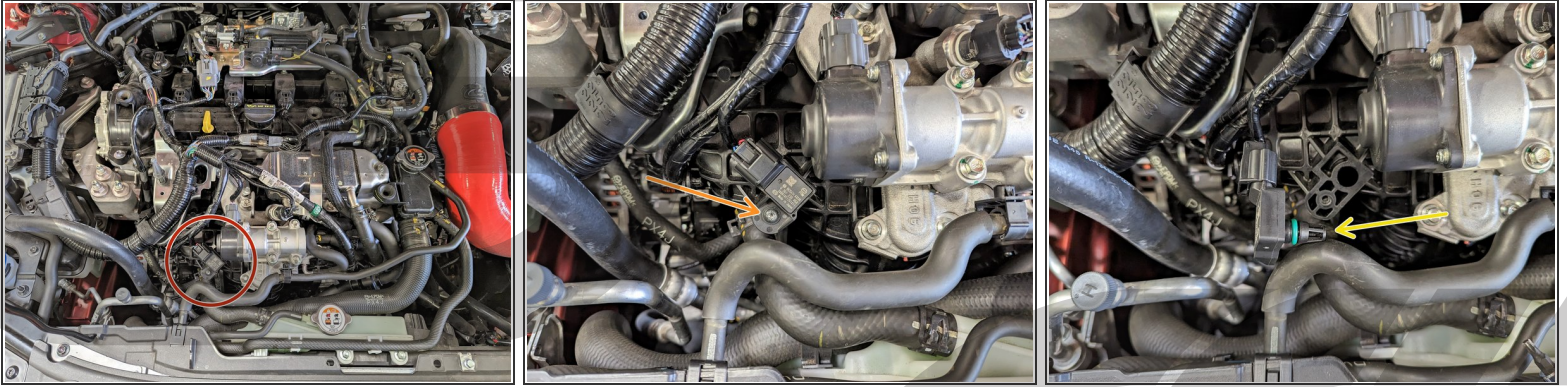


- First and foremost; **THANK YOU** for becoming a part of the CorkSport Family. We hope to bring you the highest level of Parts, Customer Service, & Support
- ⓘ How To Use These Instructions: The instruction format will relate colored marking in the image to the color dot in the text to the right of the image
- The vehicle used in these instructions was a 2021 Mazda 3 Turbo. Other models with the 2.5L Turbo engine will be similar.

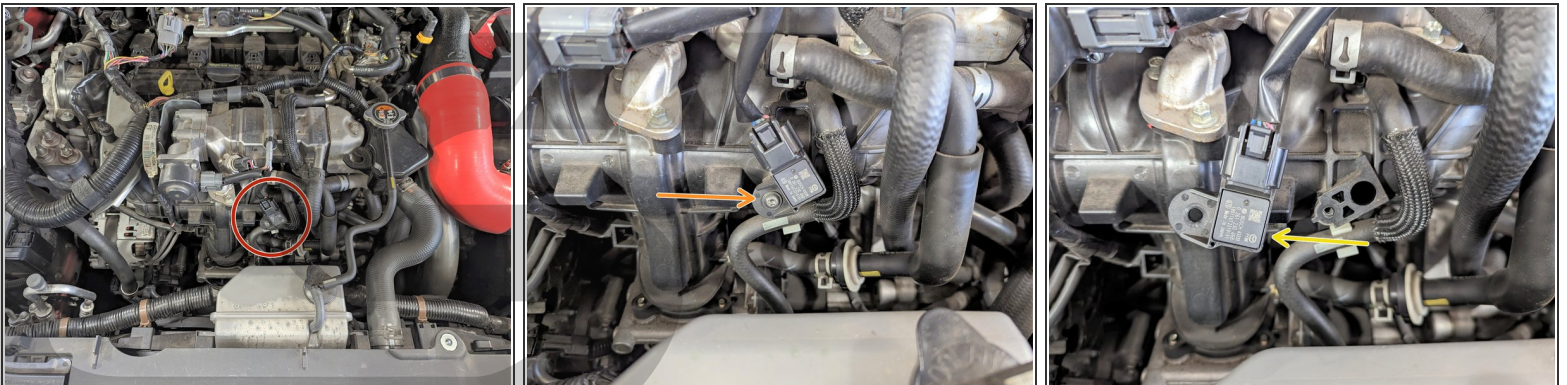
Step 2 — Remove the Engine Cover



- Start by removing the Engine Cover by pulling upward on the cover
- There are 4 attachment locations which are circled for reference

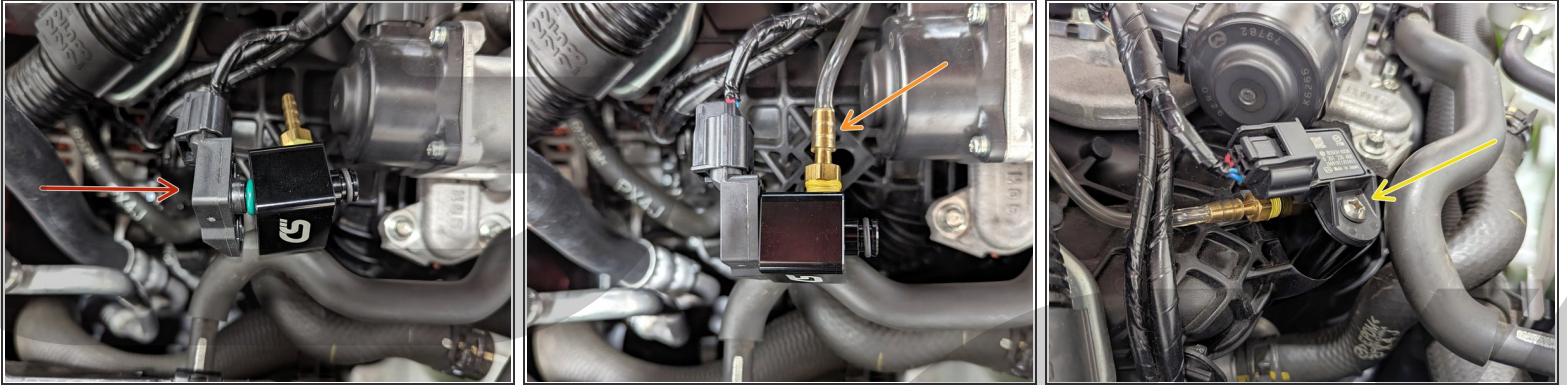
Step 3 — Locate and Remove the MAP Sensor - Mazda 3/CX30/CX50

- Locate the MAP sensor which is near the radiator
- Using a T25 Torx bit, loosen the screw securing the MAP sensor
- Once the screw has been removed lift up on the MAP sensor and move it over and out of the way

Step 4 — Locate and Remove the MAP Sensor - Mazda 6/CX5/CX9

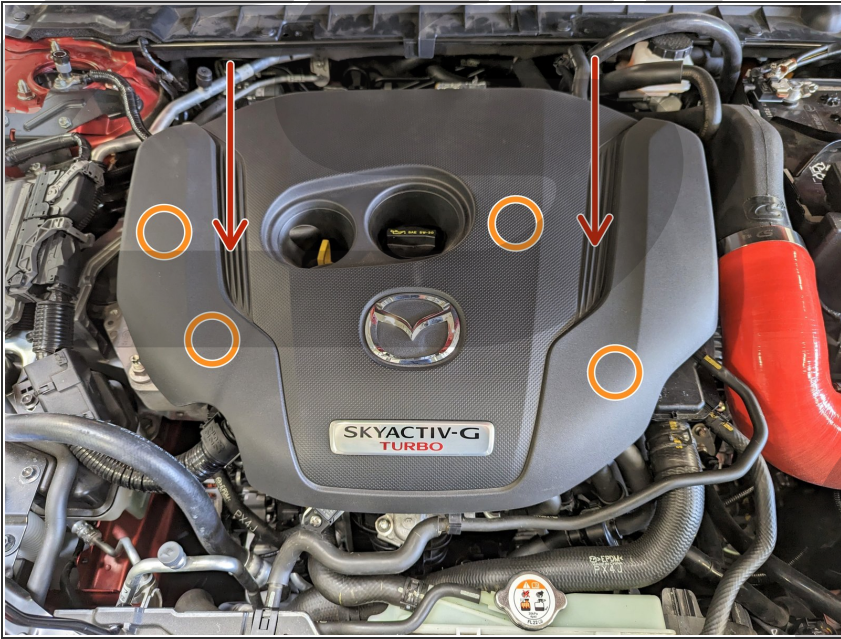
- Locate the MAP sensor which is near the radiator
- Using a T25 Torx bit, loosen the screw securing the MAP sensor
- Once the screw has been removed lift up on the MAP sensor and move it over and out of the way

Step 5 — Install the CorkSport Boost Reference Adapter



- ⓘ The steps below are shown on a Mazda 3 Turbo. Installation on other models will be similar.
- Take the Boost Reference Adapter and MAP sensor and assemble them as shown
- Place the hose for your boost gauge on the barbed fitting
- ⓘ If you are planning on using the CorkSport Boost Gauge, the hose may have to be heated up with a heat gun or hairdryer so that it can be installed easier
- Install the Boost Reference Adapter and MAP sensor assembly into the intake manifold and tighten the provided Phillips head screw to **45-70 in-lbs or 3.7-5.8 ft-lbs**
- ⓘ If a torque wrench is not available, tighten with a #3 Phillips Head Screw driver until snug
- ⓘ Installation and routing for the boost gauge hose will not be covered in these instructions since installation will vary depending on what boost gauge you are planning to use

Step 6 — Reinstall the Engine Cover



- Reinstall the Engine Cover by lining up the oil fill and dip stick with the cutouts in the cover, then push downward until the mounts pop back into place
- There are 4 attachment locations which are circled for reference.

Step 7 — Installation Complete



- This completes your installation of the CorkSport Performance Boost Reference Adapter!
- ⓘ On startup listen for any unusual behavior. If present, check the boost gauge hose for any possible leaks.
- Contact us with any questions or concerns at sales@corksport.com or (360) 260-2675.
- Please leave a review here: <https://corksport.com>
- Share your experience using #CorkSport on Instagram, Facebook, and Twitter.

