

## CorkSport Power Series Cold Air Box

Fits the 2010+ Mazdaspeed 3 with the CorkSport SRI



**NOTE:** These instructions were written for reference only and the use of a factory service manual is recommended. Please read these instructions thoroughly prior to starting installation.



**NOTE:** These instructions were written using the stock blow-off valve as shown in the picture above. If you are installing the CAB with an aftermarket BOV, please ensure that the aftermarket BOV is not taller than the stock BOV, or modification of the CAB will be required.



**NOTE:** The test vehicle was already equipped with the CorkSport Short Ram Intake. If this air box was purchased with the CorkSport SRI, please refer to the installation instructions provided with the SRI before proceeding with this install. Also, the air box is coated with a black gel coat. It is recommended that the CAB be painted before being permanently installed in the vehicle. However, please test fit the CAB prior to painting.

Part Number: Ax1-6-120	Model Mazda 3	Year 2010+	Trim Mazdaspeed 3 (DISI 2.3I Turbo)
Time Estimate: 20-30 min			
Wrench Rating: 2/5			
<b>TOOLING LIST:</b> 3/8 Drive Ratchet 10mm Long Socket 5mm Allen Wrench		<b>PARTS LIST:</b> CorkSport SRI Air Box Assembly	







For help with installation, call 360-260-CORK (2675)

# Installation Instructions:

## CorkSport Power Series Air Box 2010+ Mazdaspeed 3

### How the Instructions Work

To best cover all of our customers experience levels and familiarity with the systems on their Mazda, we have broken our instructions down into numbered steps, each of which has the core information in the header with additional detail as needed depending on your experience. If you have a high level of experience, you can just use the checklist below and then skip to the step number where you need help or assistance. Video assistance may also be available for certain steps and is indicated by the HD icon:  Areas where there is a safety concern are indicated by the warning icon:  Cautionary areas (where parts are fragile, etc) are indicated by the caution icon:  Key tips are indicated with the light bulb icon: 

### Overview/Checklist:

This is an overview of each of the steps of the build. You can use this as a reference and a checklist as you button up the work on the car.

#### 1. Installing the CorkSport Air Box

- 1a) Unplug the MAF sensor plug from the MAF sensor.
- 1b) Loosen the T-bolt clamp holding the silicone coupler to the MAF housing.
- 1c) Remove the lid from the air box by removing the four (4) allen head bolts using the 5mm allen wrench.
- 1d) Remove the one (1) 10mm hex head bolt on the radiator support using the 10mm long socket and ratchet.
- 1e) Install the air box, being sure to line up the bolts on the bottom of the air box with the two (2) factory air box grommets.
- 1f) Reinstall the 10mm hex head bolt using the 10mm long socket and ratchet. Be sure to line up the bracket on the air box so that it is in line with the bolt hole.
- 1g) Reinstall the MAF housing and filter assembly and tighten the T-bolt clamp to secure the MAF housing to the silicone coupler using the 10mm long socket and ratchet.
- 1h) Route the MAF wiring through the round opening for the silicone coupler and plug in the MAF sensor.
- 1i) Reinstall the air box cover and thread in the rear two (2) allen head bolts finger tight.
- 1j) Reinstall the front two (2) allen head bolts and tighten using the 5mm allen wrench.
- 1k) Tighten the rear two (2) allen head bolts using the 5mm allen wrench.
- 1l) Enjoy your new CorkSport Air Box!





# Installation Instructions:

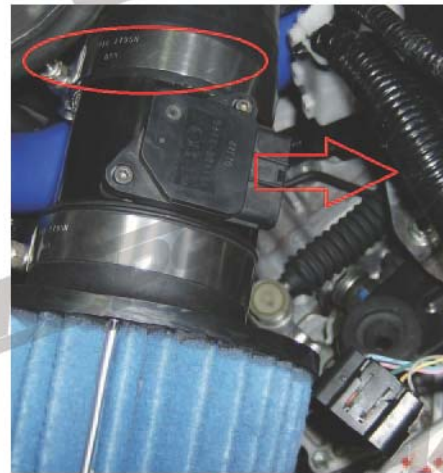
## CorkSport Power Series Air Box 2010+ Mazdaspeed 3

### 1: Installing the CorkSport Air Box

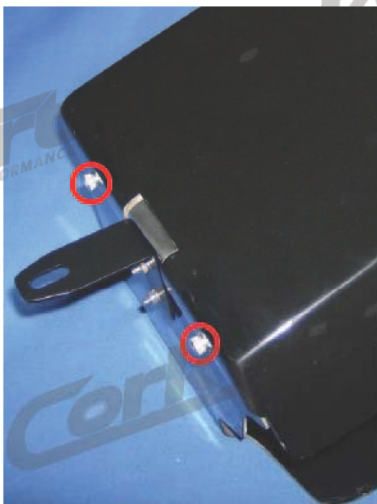
A) Unplug the MAF sensor plug from the MAF sensor (red arrow in **Figure 1**).

B) Loosen the T-bolt clamp (red circle in **Figure 1**) holding the silicone coupler to the MAF housing using the 10mm long socket and ratchet. Remove the MAF housing and filter from the vehicle.

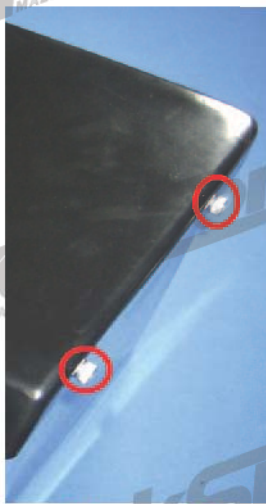
C) Remove the lid from the air box by removing the four (4) allen head nuts using the 5mm allen wrench **Figure 2A & 2B** show the nuts in the red circles.



**Figure 1**



**Figure 2A**



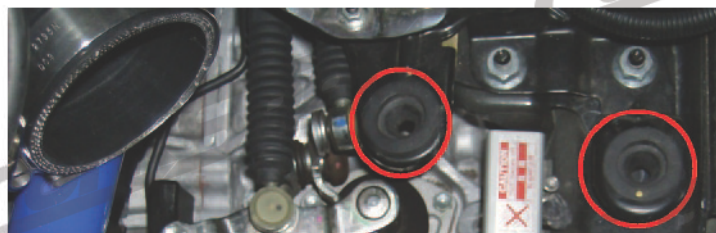
**Figure 2B**

D) Remove the one (1) 10mm hex head bolt on the radiator support (green circle in **Figure 3A**) using the 10mm long socket and ratchet.

E) Install the air box, being sure to line up the bolts on the bottom of the air box with the two factory air box grommets (red circles in **Figure 3A**) should line up and press into the red circles in **Figure 3B**.



**Figure 3A**



**Figure 3B**

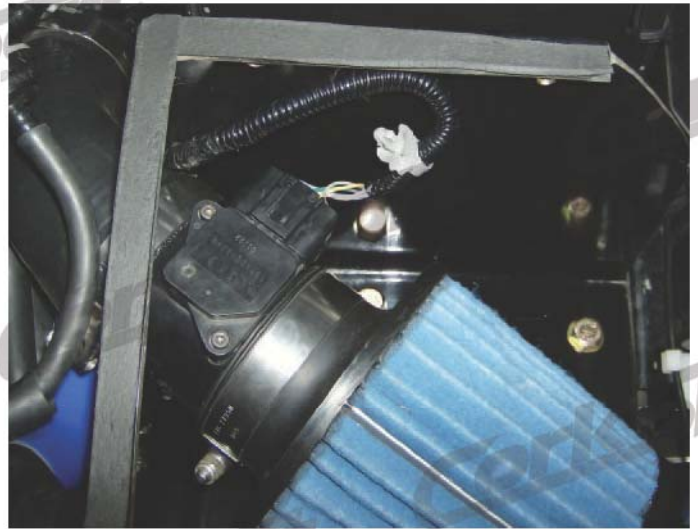
F) Reinstall the 10mm hex head bolt using the 10mm long socket and ratchet. Be sure to line up the bracket on the air box so that it is in line with the bolt hole as shown by the green circle in **Figure 3A**.



# Installation Instructions: CorkSport Power Series Air Box 2010+ Mazdaspeed 3

## 1: Installing the CorkSport Air Box - Continued

G) Reinstall the MAF housing and filter assembly and tighten the T-bolt clamp to secure the MAF housing to the silicone coupler using the 10mm long socket and ratchet (shown in **Figure 4**).



**Figure 4**

H) Route the MAF wiring through the round opening for the silicone coupler and plug in the MAF sensor (shown in **Figure 4**).

I) Reinstall the air box cover and thread in the rear two (2) allen head bolts finger tight (**red arrows** shown in **Figure 5A**).

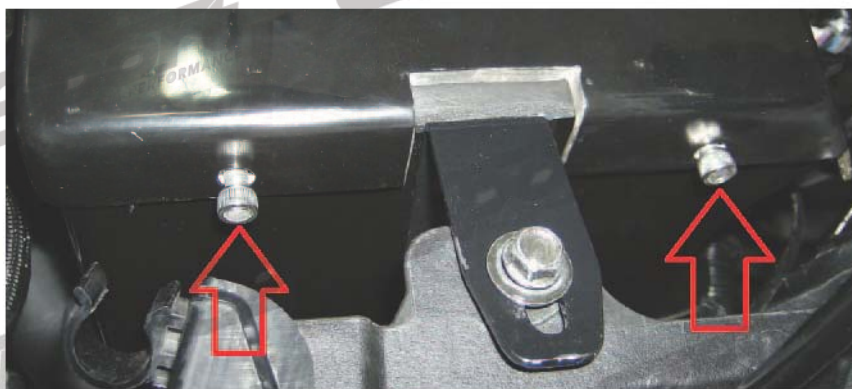


**Figure 5A**

J) Thread in the front two (2) allen head bolts and tighten using the 5mm allen wrench (**red arrows** shown in **Figure 5B**).

K) Tighten the rear two (2) allen head bolts using the 5mm allen wrench.

L) Enjoy your new CorkSport Air Box!



**Figure 5B**

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