

CorkSport Exhaust Manifold Heat Shield

2007-2013 Mazdaspeed3 & 2006-2007 Mazdaspeed6



Thank you for purchasing the CorkSport Exhaust Manifold Heat Shield for your Mazdaspeed3 and Mazdaspeed6. Replace that unsightly OEM manifold shield with the new hotness! Made of a space-age metal alloy called Unobtainium, the CS heat shield will help protect the universe from space invaders for years to come. Please let us know your feedback by submitting a review today at: <https://corksport.com/mazdaspeed-exhaust-manifold-heat-shield.html>

Pre-Installation Notes:



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.



How our instructions work: To best cover all of our customers experience levels, we have included a table of contents/order of operations along with step-by-step instructions.



These installation instructions were written using a 2013 Mazdaspeed3. Other models and years will be similar.



Make sure your vehicle is completely cooled down prior to starting installation. If you are going to work on your car within an hour or two of having driven it, use a fan to cool off the car.

Materials and Time:



General Info.

Part #: Gen-6-756

Time Est: 30 min

Wrench Rating: 2/5



Tooling List

3/8" Ratchet

8mm socket

10mm Long Socket

12mm Long Socket

13mm socket

3/8" extension

5mm Allen

Small Phillips

Screwdriver



Parts List

One (1) CorkSport Heat Shield

Three (3) M6x1.0x10 Socket Cap Bolts

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CORK

Detailed Instructions



These installation instructions were written using a 2013 Mazdaspeed 3.



We recommend using plastic Ziploc bags and a sharpie to label all bolts and parts throughout the install.

1. TMIC Removal (if applicable)

- a) **Remove the top mount intercooler cover (TMIC)** by removing the two 10mm bolts (red circles in Figure 1a).
- b) **Loosen the clamps for the throttle body and turbo boost tubes from the intercooler.** Use a 10mm socket to loosen the clamps (green circles in Figure 1b).
- c) **Remove the boost reference line and the BPV recirculation tube from the BPV,** shown with the red arrows in Figure 1b. Use pliers to remove the snap clamps.

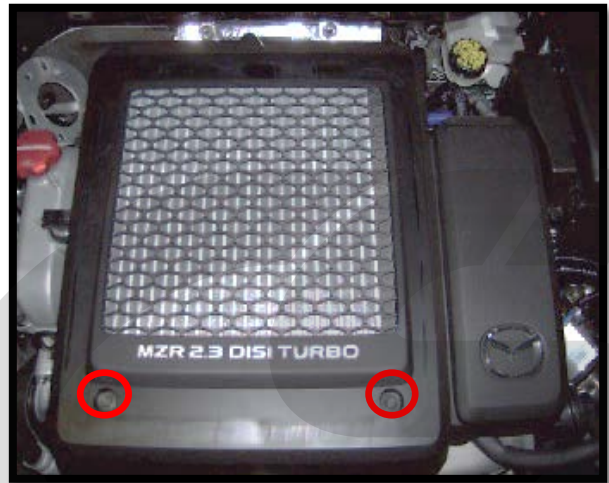


Figure 1a

Now is a good time to look at your intercooler and see if you have any bent fins or debris lodged in the intercooler fins.



Removing debris and straightening the fins will improve the performance of the intercooler.

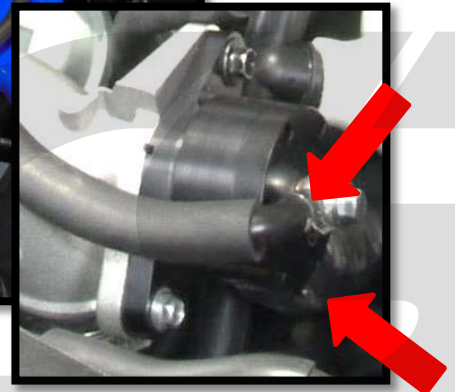
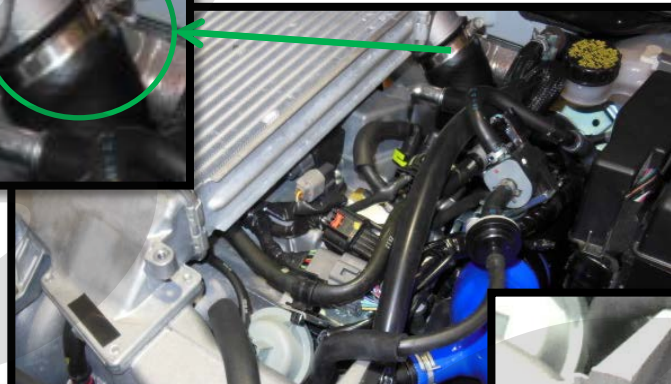
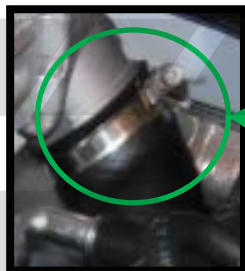


Figure 1b

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Detailed Instructions

1. TMIC Removal (continued)

- d) Remove the three 12mm nuts holding the TMIC then remove the TMIC from the vehicle. Shown with the red circles in Figure 1c.



Figure 1c



Now is a good time to look at your intercooler and see if you have any bent fins or debris lodged in the intercooler fins. Removing debris and straightening the fins will improve the performance of the intercooler.

Part # GEN-6-756

Detailed Instructions

2. OEM Components Removal

- a) Remove thin silver firewall heat shield shown with the red circles in Figure 2a.



Figure 2a

- b) Remove the six 8mm bolts circled in red in Figure 2b, then remove the heat shield.

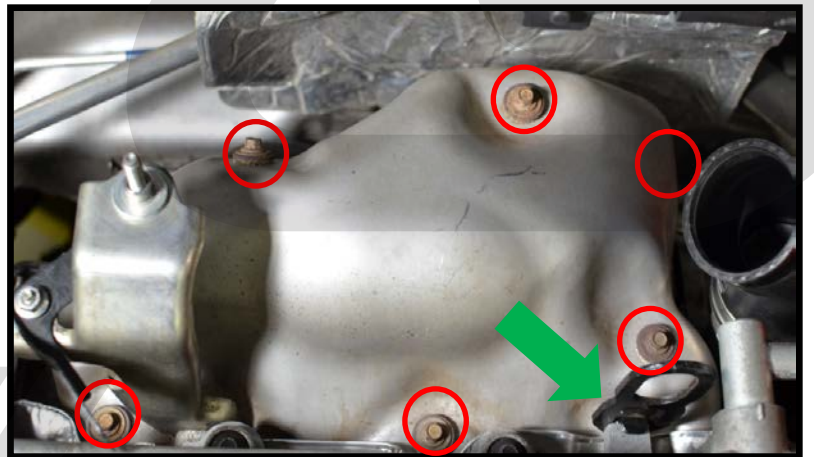


Figure 2b

- c) Remove the 13mm bolt holding the engine hoist bracket and remove the bracket. Green arrow in Figure 2b.

- d) (For FMIC Setups Only) Remove the TMIC bracket. Disconnect the snap clips from the bracket, red circles in Figure 2c. Then remove the 13mm bolts holding the bracket. Green arrows in Figure 2c.

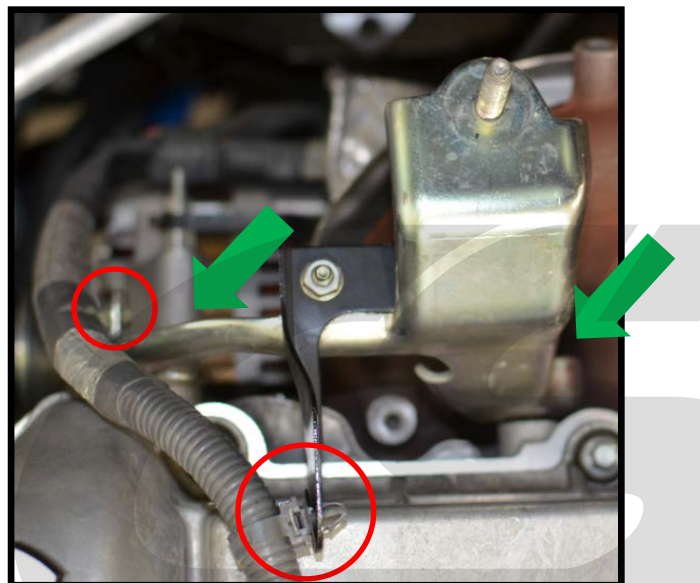


Figure 2c

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Part # GEN-6-756

Detailed Instructions

3. CorkSport Heat Shield Installation

- a) The CS heat shield will only use the mounting points the circled in red in Figure 3a.

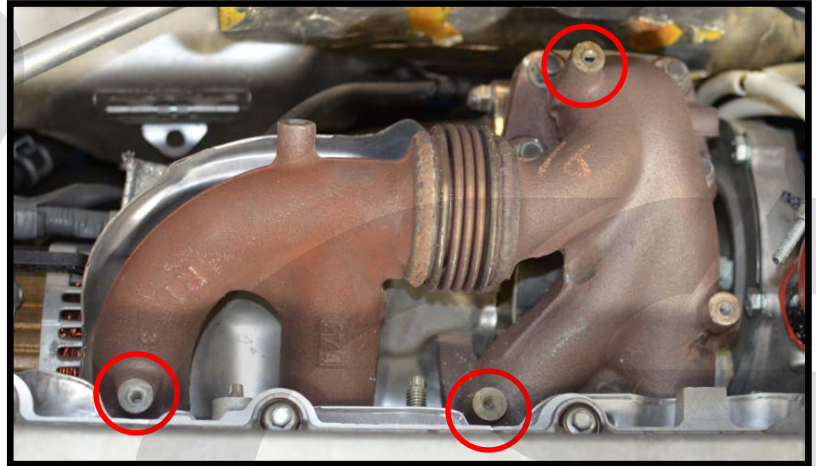


Figure 3a

- b) (For FMIC Setups) Place the CS heat shield into place. Use the three provided M6 socket cap bolts. Torque to 8-10 ft-lbs.



With some vehicles the CS heat shield may touch the TMIC bracket with a TMIC setup. This is due to the manufacturing process of the OEM TMIC bracket. The bracket is stamped and can vary in dimensions, causing it to interfere slightly with the CS heat shield.

- c) (For TMIC Setups) Place the CS heat shield into place. Follow the numerical order to secure the three provided M6 socket cap bolts. Torque to 8-10 ft-lbs. Shown in Figure 3b.

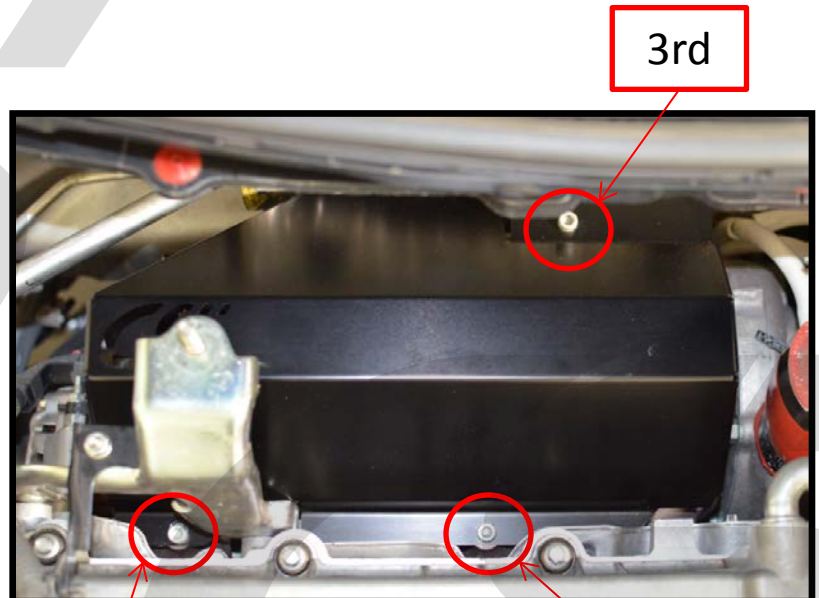


Figure 3b

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Detailed Instructions

4. Reassemble the Vehicle

- a) Reinstall the TMIC in reverse order of the above instructions.



This completes the installation of your CorkSport Exhaust Manifold Heat Shield. Let us know what you think online at CorkSport.com

What's Next:

CORKSPORT Mazdaspeed 3 Radiator Panel



Add some style to your engine bay with the CorkSport Mazdaspeed 3 Radiator Panel. The CorkSport Mazdaspeed Radiator Panel is made from 5052 aluminum and features a textured powder coated surface. Get that clean look you have always wanted. Get the CorkSport Radiator Panel at : <https://corksport.com/mazdaspeed-3-engine-cover.html>

CORKSPORT Adjustable Weight Aluminum Shift Knob



Add a personal touch to your interior with the CorkSport Mazda Aluminum Shift Knob. Adjustable weights to adjust your throw, increase the response and tailor it to you. Get the CorkSport adjustable Weight Aluminum Shift Knob at: <http://www.corksport.com/corksport-shift-knob.html>

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