

INSTALLATION INSTRUCTIONS



CORKSPORT Exhaust Manifold Blanket

2007-2013 Mazdaspeed 3, 2006-2007 Mazdaspeed 6

PART #: AXL-6-443-10

Need Help With Your Installation? Call (360)260-CORK



*We absolutely, positively,
deliver - every time.*

CORKSPORT.COM



CORKSPORT Exhaust Manifold Blanket

2007-2013 Mazdaspeed 3
2006-2007 Mazdaspeed 6

PRODUCT DESCRIPTION:

Thank you for purchasing a CorkSport Exhaust Manifold Blanket for your Mazdaspeed. The addition of the CS Exhaust Manifold Blanket gives a noticeable decrease in under hood temps, while also helping to increase turbo spool for a more responsive setup!

Please let us know your feedback on the CorkSport Exhaust Manifold Blanket by submitting a review at:
<https://corksport.com/>

PRE-INSTALLATION NOTES:



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



Ensure you have no oil leaks around the exhaust manifold as this could cause a fire hazard after the blanket is installed.



You may need to jack up your car to access to bottom of the exhaust manifold. Verify that the car is on a level surface before proceeding. Use appropriate load rated jack stands to support the vehicle.



The install is shown on an engine out of the car for clarity, installation in the car is identical. These instructions were written for reference only.



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.

MATERIALS & TIME:

GENERAL INFO:



Time Est:
1.5hr



Difficulty:
2/5



CEL:
No



Warranty:
2-Year

PARTS LIST:



- One (1) CorkSport Exhaust Manifold Blanket
- One (1) CorkSport Exhaust Manifold Elbow Blanket
- Six (6) Stainless Steel Springs

TOOLING LIST:

- Needle Nose Pliers



ORDER OF OPERATIONS & TABLE OF CONTENTS:

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DETAILED INSTRUCTIONS:

1. Setting up the Exhaust Manifold Blankets

! Before handling the blankets make sure to use gloves and use caution, as there may be metal wire protruding from the stitched edges that is sharp.

- a) Install 4 of the 6 stainless steel springs on the underside of the exhaust manifold blanket in the locations circled in **Figure 1a** by placing the end with the smaller loop over the button rivets.



Figure 1a

DETAILED INSTRUCTIONS:

1. Setting up the Exhaust Manifold Blankets (Cont.)

- b) Install the remaining 2 stainless steel springs on the exhaust manifold elbow blanket in the locations circled in **Figure 1b** using the same method.



Figure 1b

DETAILED INSTRUCTIONS:

2. Installing the Manifold and Elbow Blankets

- a) Install the exhaust manifold blanket in the configuration shown in both **Figure 2a** and **2b** on the next page.
- b) Attach the 2 springs shown in **Figure 2a** to their corresponding button rivet circled in yellow using needle nose pliers to grab the loose end of the spring and pulling it onto the rivet.
- c) Route the springs circled in red in **Figure 2a** up to the top side of the blanket so they can be accessed from above.

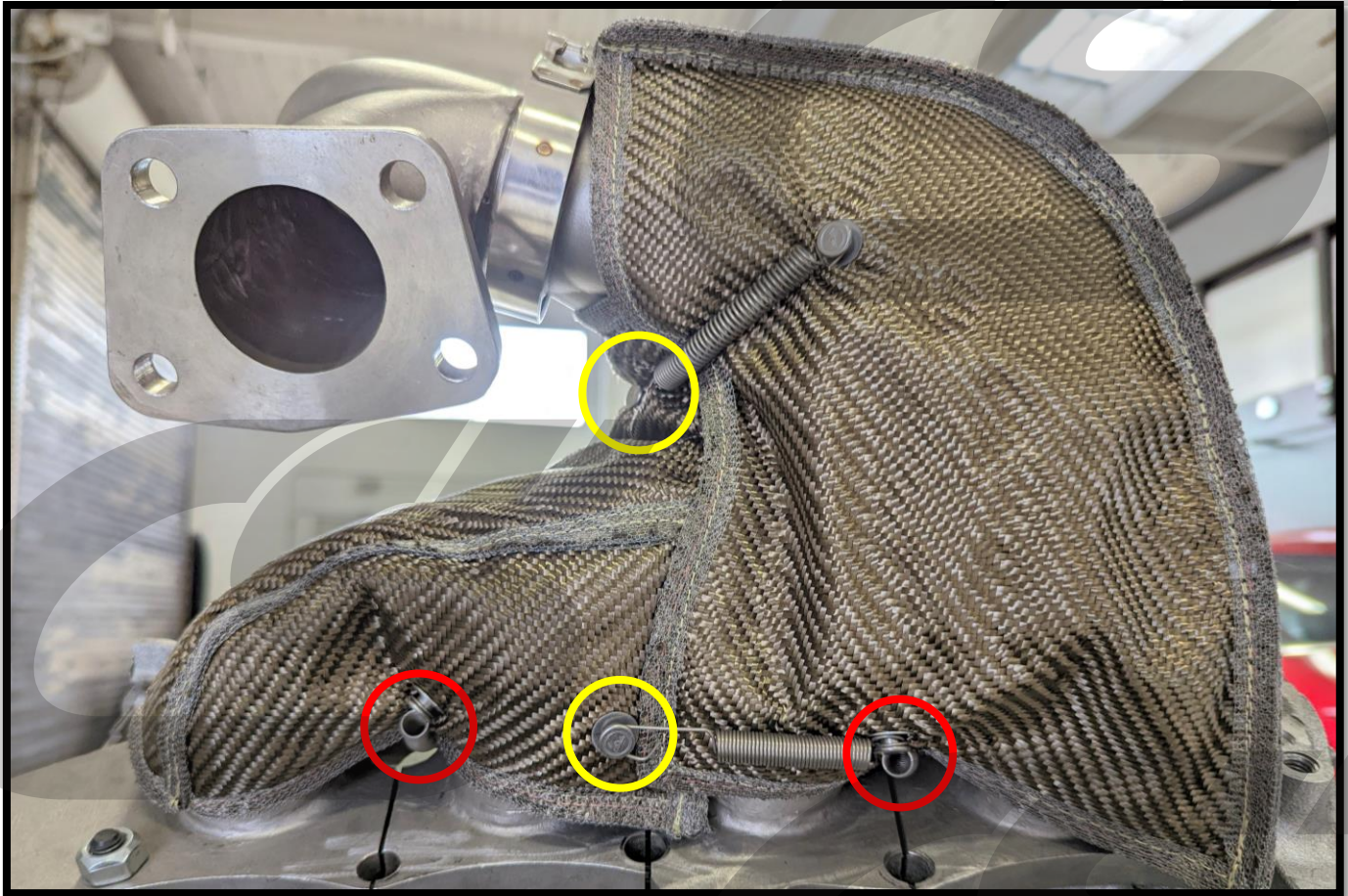


Figure 2a

DETAILED INSTRUCTIONS:

2. Installing the Manifold and Elbow Blankets (Cont.)

- d) **Locate the ends of the two springs** and use the needle nose pliers to stretch and attach the ends of the springs to the studs shown in **Figure 2b**.

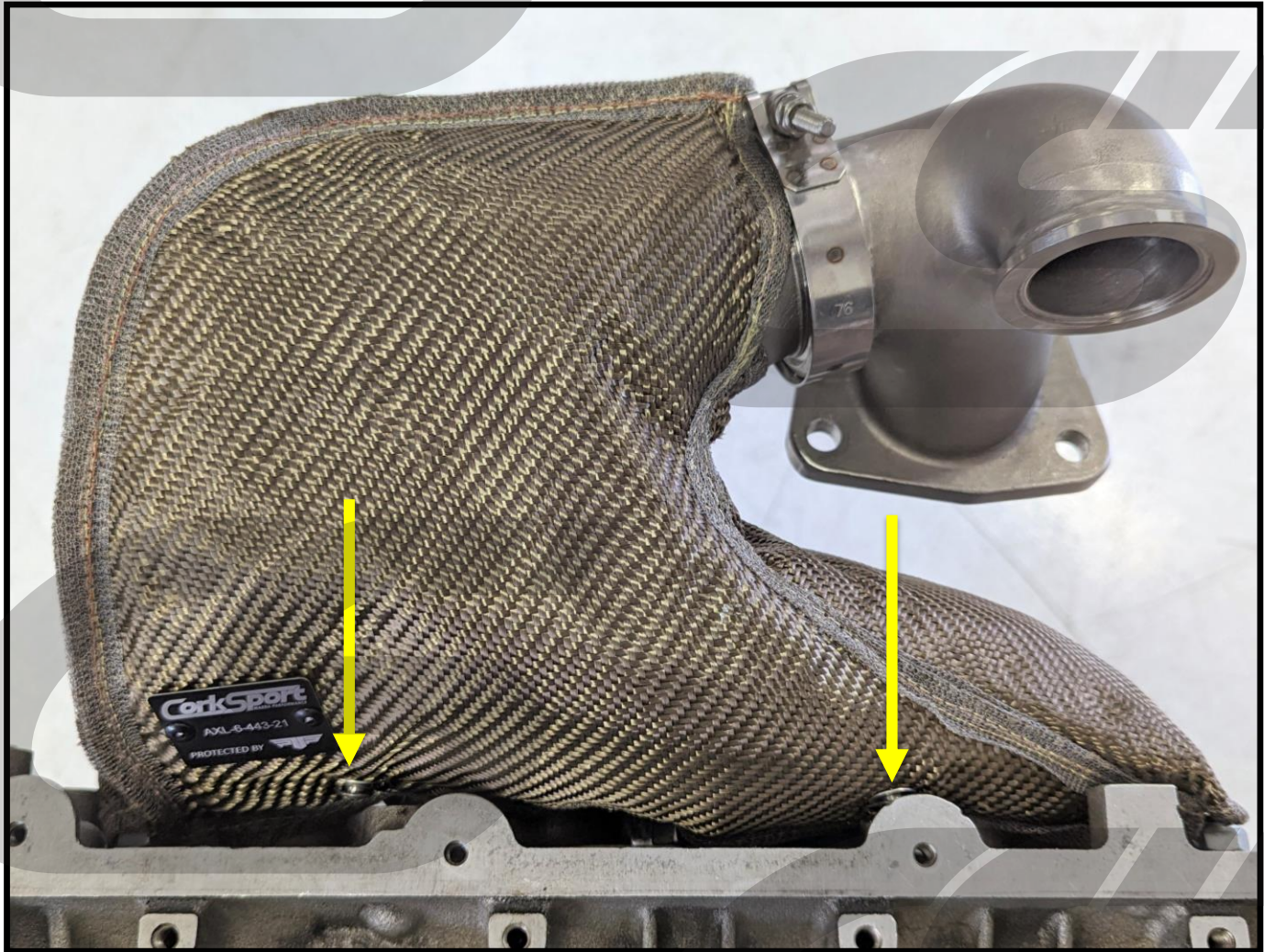


Figure 2b

DETAILED INSTRUCTIONS:

2. Installing the Manifold and Elbow Blankets (Cont.)

- e) Install the exhaust manifold elbow blanket in the configuration shown in **Figure 2c**.
- f) Using the needle nose pliers, grab the ends of the springs and attach them to the button rivets circled in yellow in **Figure 2c**.



Note the location/orientation of the v-band clamp below: this location is needed to align with the blanket.



Figure 2c

DETAILED INSTRUCTIONS:

2. Installing the Manifold and Elbow Blankets (Cont.)

- g) After all springs have been attached to their respective places, the blankets may need to be adjusted to achieve desired fitment as seen in **Figure 2d**.

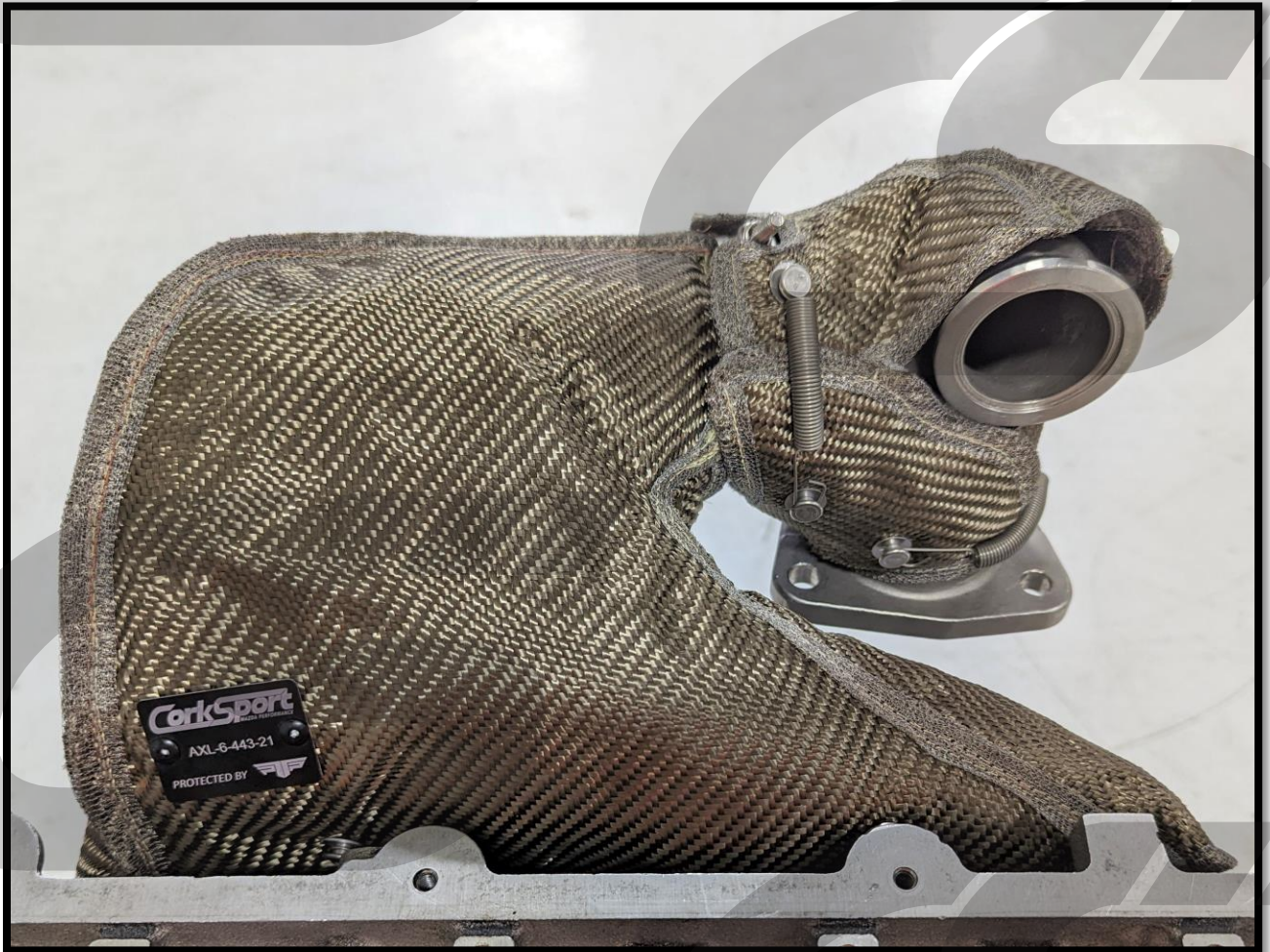


Figure 2d



This completes the installation of your CorkSport Exhaust Manifold Blanket. Enjoy the cooler engine bay temps and better turbo response!

WHAT'S NEXT?

CorkSport 3.5 Inch Intake

Ready to take your Mazdaspeed 6 to the next level and remove any upstream turbo restrictions then you have found one of the best options, our 3.5 Inch Intake. When aiming for higher power levels you will exceed the MAF sensor flow with smaller air intakes and need a larger intake to feed your speed engine all the air it wants. The CorkSport 3.5" Intake combines the ease of use of smaller intakes with enough flow to support ~700 WHP. Also available in 3 Inch and 4 Inch sizes!



CorkSport Camshafts

The CorkSport Mazdaspeed Performance Camshafts are developed with the latest design, manufacturing, and casting technologies and ground to CNC precision for the best performance for your Mazdaspeed. Near factory idling cams for the daily driver and even the aggressive track driver bringing improvement in throttle response and torque to your Mazdaspeed.

CorkSport CST5 Turbocharger

Not too big, not too small. ITS JUST RIGHT for YOUR SPEED. Capable of built block power and extremely fast spool times, this turbo can make 500+whp and hit 20psi by 3500-3600rpm. The CorkSport CST5 turbo can be tuned for a more laid-back curve that is stock block safe or pushed to 30+ psi for built blocks and auxiliary fueling. No matter what build you have this turbo will be sure to impress. The CST5 features a MHI Journal Bearing CHRA, 0.82 Turbine A/R and 4" Anti-Surge Compressor Cover

The CST5 turbo is available in two boost control setups: Internally Wastegated (IWG) & 44mm Externally Wastegated (EWG) w/included EWG elbow pipe & V-band clamp. Ball bearing option coming soon as well!

Includes a FREE CorkSport 3.5 bar MAP sensor for accurate boost pressure up to 37psi.

