

# MUFFLER ARMOR™

## Product Installation Sheet



### Tools Required

- Heavy-duty scissors
- Needle-nose pliers
- Side-cutters (also known as dikes)
- Razor knife

### Installation Tip

It often helps, especially for mufflers installed in tight spaces, to use a piece of poster board to create a template pattern of the Muffler Armor™ when fitting it to your muffler. When making your template, be sure to leave an extra 1/8 inch on each for trimming the thermal-barrier material and folding over the foil backing on the edges.

If you are wrapping a catalytic converter, it is important to only wrap one half of the converter. Wrapping the entire converter can shorten its life expectancy.



### Installation Steps

- 1** After wiping down your muffler to make sure it has been cleaned of any grease/road grime, drape the Muffler Armor™ material over the top with the white thermal-barrier material facing the muffler. The Muffler Armor™ should wrap around the muffler evenly, with the entire top and sides of the muffler covered. It's OK if any portion of the bottom of the muffler is exposed. Heat from the bottom of the muffler will radiate toward the road, not your floor.
- 2** Once you have placement of the Muffler Armor™ figured out, and have done trimming for fitment, you want to lightly score then cut away the white thermal-barrier material on all the edges, without cutting off the foil backing material.



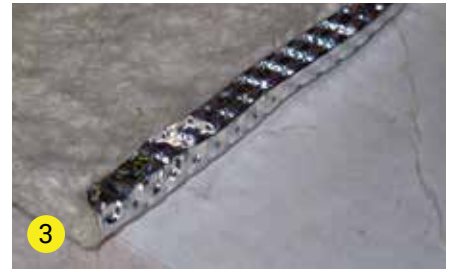
# MUFFLER ARMOR™

Product Installation Sheet



## Installation Steps (continued)

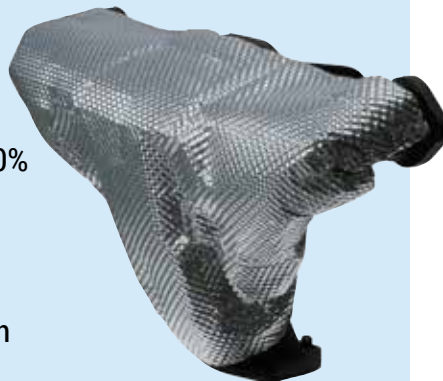
- 3 Once the thermal-barrier material is trimmed away, fold the foil backing over the end of the thermal-barrier material. This will help keep the thermal barrier from being exposed to road grime, oils and rain while you're driving. This allows the Muffler Armor™ to work at maximum efficiency.
- 4 Once the trimming and folding is complete, reinstall the Muffler Armor™ on the muffler as before.
- 5 Using the supplied Thermal-Tie™, secure the Muffler Armor™ to the muffler by installing the ties as pictured.
- 6 Using a pair of needle-nose pliers, pull the Thermal-Tie™ as tight as possible. Then, reposition the pliers on the Thermal-Tie™ next to the clasp and rotate the pliers while holding the tie to tighten it as much as possible. Once tight, use the dike to cut off the excess Thermal-Tie™.
- 7 Here's how everything should look when the installation is finished. However, if the material wraps all the way around the muffler, that will not hurt the functionality of Muffler Armor™.



You may also be interested in

## HEADER ARMOR™

- Reduces radiant heat up to 70%
- Lowers underhood temps by up to 60%
- May be cleaned after installation
- Water- and chemical-resistant
- 0.003-inch-thick armor layer
- Includes HP Tie Wire™ for installation



Visit [www.heatshieldproducts.com](http://www.heatshieldproducts.com) to learn more

**HEATSHIELD PRODUCTS, INC.**  
PO Box 462500  
Escondido, CA 92046



(760) 751-0441  
[tech@heatshieldproducts.com](mailto:tech@heatshieldproducts.com)  
[www.heatshieldproducts.com](http://www.heatshieldproducts.com)