

## Required Equipment

- Heavy duty scissors or utility knife
- Dust Mask, Safety Glasses, Gloves
- Long Sleeves (optional)
- Diagonal pliers
- Needle nose pliers
- Poster board or cardboard for template
- Pop rivet gun (optional)



PROP 65 WARNING: This product can expose you to chemicals including chromium, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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## Installation Tips

Never cover more than 60% of a catalytic converter. Over insulation may cause shortened lifespan of catalytic converter.

Paintable - Cat Armor™ can be painted with any engine paint.

Patience is key. Going slow and taking your time will help to make Armor fit snug and secure. Be careful, you will be working in tight areas, swear

## Installation Steps

1. Put on safety glasses, gloves, and dust mask before handling Cat Armor™
2. Cat Armor™ can only be installed on a clean exhaust system. Exhaust system components must be degreased and cleaned so that no debris or chemicals remain on the pipes. Failure to do so may result in debris or chemical combustion. Clean your catalytic converter with a non-residue degreaser or brake cleaner. This step is essential for the installation of any Heatshield Products Armor™ series parts to avoid ignition of any flammable residue (Image 1).
3. Measure the area of your catalytic converter to be covered (Image 2). Add 1/2 inch to all sides of your measurements, this will be for step 4. It is important to only cover half of the catalytic converter, covering the entire converter can shorten its life expectancy.
4. We recommend a straight edge and a utility knife for cutting the Heatshield Armor but heavy-duty scissors can also be used. It's best when using a utility knife to cut with the foil facing up (Image 3).
5. After you have made your cuts, flip the Cat Armor™ over so the insulation is face up. Now trim off 3/8 inch of insulation off from all sides by lightly scoring the insulation being careful not to cut through the foil (Image 4.1).



### Installation Steps (continued)

6. After the insulation has been removed (image 4.2), fold the foil over insulation (Image 4.3). This will help keep the insulation from being exposed to water and oils.
7. If you purchased the Cat Armor™ Kit with HP Power Anchors™ see the included instruction sheet and skip the next step.
8. If you purchased the Cat Armor™ Kit with Thermal-Ties, attach your finished Cat Armor™ to your catalytic converter with the included Thermal Ties™ using needle nose pliers to pull the Thermal-Tie™ as tight as possible (Image 5.1). Cut off all but 1/2 inch of the Thermal-Tie™ excess (Image 5.2), now grab the excess with the needle nose pliers and rotate it towards the clasp (Image 5.3). This will lock it into place. We have a great video on our YouTube channel for this step!
9. Clean up tag & follow: @heatshieldproducts #racetested for your chance to be featured.



**WATCH THE  
VIDEO HERE!**



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
- Paintable with engine paint
- 0.004-inch-thick armor layer
- Includes HP Tie Wire™ for installation



PLEASE NOTE:

Cat Armor may smoke after installation; it will eventually stop. Smoke is a normal by product of the curing process; your Cat Armor™ will not burst into flames.

