

Lining the Austin Healey Transmission Tunnel with sound/heat insulation:

The product I used is a Dynamat product, called Dynamat Extremeliner . The dimensions were 24" X 36" X 0.5"Here's a website blurb:

--Dynamat Xtreme damps four times better than Dynamat Original and weighs at least 50% less.makes it well suited for situations where heat is a problem, such as on the floor and firewall near an exhaust or header---

The "DE" high heat description sounded good to me. I did quite a lot of searching for this particular product to find the best price. Shop around! To glue it on I used 3M spray contact cement like I have used to install the carpet. The DE has a layer of lead in it so its dense and conforms pretty well to shaping.



Photo #1 I laid the DE with one edge along the most vertical part of the tunnel then attempted to cut to fit. After laying in along the left edge you can see here where I would trim the top right edge of the DE along the Tunnel edge. The piece cut out will be placed on the lower bottom exposed area. You can see the wedge cuts made to ensure the material lays flat in one piece as much as possible. If I did it again, I'm sure I'd have different cuts, it's an organic process, and you hope you have the right inspiration when you have scissors in hand. I then glued one section at a time with the spray adhesive, working down the tunnel.



#2 Filling an inspirational cut. Ensure the filler piece will fit snug and then spray on the glue and put it into place. This splice is one area I would cover with duct tape as seen in photo #3.



#3 Here is the finished installation on the tunnel. Yeah, I got liberal with the Gorilla duct tape. I mainly used it to cover the exposed edges of the DE and where I put pieces together. I have found the Gorilla glue brand duct tape to be the best I've ever used. I'll see if it can stand up to the AH tunnel environment. Here you can see the (hardware store) grommets that go in the tunnel mounting holes. Also, I mounted the metal screw type tunnel carpet snaps into metal picture springs to possibly hold the DE in place (see vertical metal pieces on tunnel walls), I'm sure they're not necessary but I only had the sheet metal screw carpet snap heads and needed something on the other side to screw in to.



Picture #4 - Here is an underside picture of the tunnel in place. It does cut down on the sound / heat. All the best for the trail, Mark Buggy