

Ram Air Install



First thing that needs to be cut is the V-bracket for the hood latch. Cut the V support at the top of the V so it is flush across. Also you can see in this picture how the front rib of the Ram air is attached to the bumper support, if you don't have a bumper support it can be attached to the plastic bumper like I have done with my car.



Next the Rib on the underside of the radiator support needs to be bent forward to the front of the car as far as possible. Vice grips seems to work well here. (I have mine cut in the photo but it much easier to bend it and gives more clearance; I found this out later down the road.) Also the tab where the V bracket used to attach to needs to be bent backwards towards the radiator or back of the vehicle. (Its location is in the center of the lower radiator support.)



Next the filter tray and lid assembly base need to be modified as shown. The filter tray needs to be cut very thin on the back half to allow the ram air to slip into place and secure to the lid assembly base. I usually just use a cutoff wheel. Also the lid assembly base needs to be cut as shown where all side and back plastic is cut off so it makes a nice rectangle for the ram air to slip into.



This picture shows metal rib of the Ram Air is to be attached to the back of the lid assembly base. I use aluminum pop rivets to secure mine and it has been holding strong. Also the front piece of the ram air can be bent over the radiator support and secured with the 3 self tapping screws.



Last but not least the final sealing of the assembly. I used silicone where there were gaps and spaces. For the front seal it seems to work well if you triple stack the weather stripping that was supplied. Also the front piece of the ram air is to be bent over the radiator support and fastened with the 3 self tapping screws.

The bottom piece can be removed when on the street and when you get to the track put it back on. I actually forgot to put it on one day and didn't really notice a drop in mph so it might not even be needed. You can do further testing to verify. Enjoy your new found gains!