Installation Instructions

Ram Air System for '70-71 Ford Torino/Ranchero GT

Preparing Unfinished Plenum

- If you purchased an unpainted plenum, prepare it for installation as follows:

  1. Some surface rust may have developed - treat it by sanding, sandblasting, or rust dissolving chemicals

  2. Thouroughly clean it and degrease, Simple Green is good for basic cleaning, then use laquer thinner or other good wax and grease removers

  3. Prime and paint, make sure to use primer that is compatible with your paint! OR have it powdercoated

  4. When the paint is fully dry, run a small bead of silicone along the gap between the rain deflector and the main sheet metal to seal it up
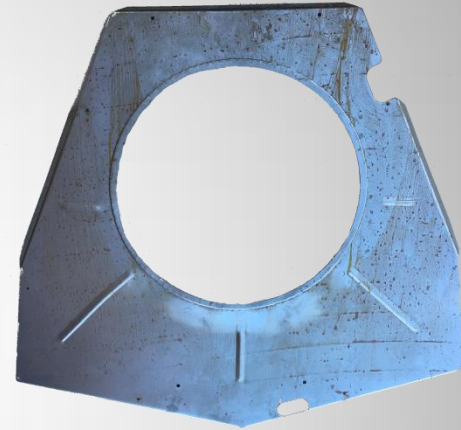
Use silicone RTV here
(Along entire gap)

Plenum Installation – Step 1

- The front two studs can be extended long enough that you can first attach the plenum to the underside of your hood to help locate where to mark your hood for drilling of the screw holes to attach the RAM AIR plenum to the hood.

Plenum Installation – Step 2

- Use a marker to locate where to put your screw holes . Use a 1/8 drill bit for the holes, wrap your drill bit with masking tape so just the tip shows, this will keep you from accidently denting the top side of your hood. The screw holes are marked in yellow, the hood scoop holes are marked in blue. After attaching the plenum to the under side of your hood by the scoop studs hold up the plenum and mark the hood with a marker to show where to drill your holes. The yellow dots are where the holes to be drilled on the hood of this installation. Once you make your marks use a center punch on your mark to guide the drill bit straight without it wandering.
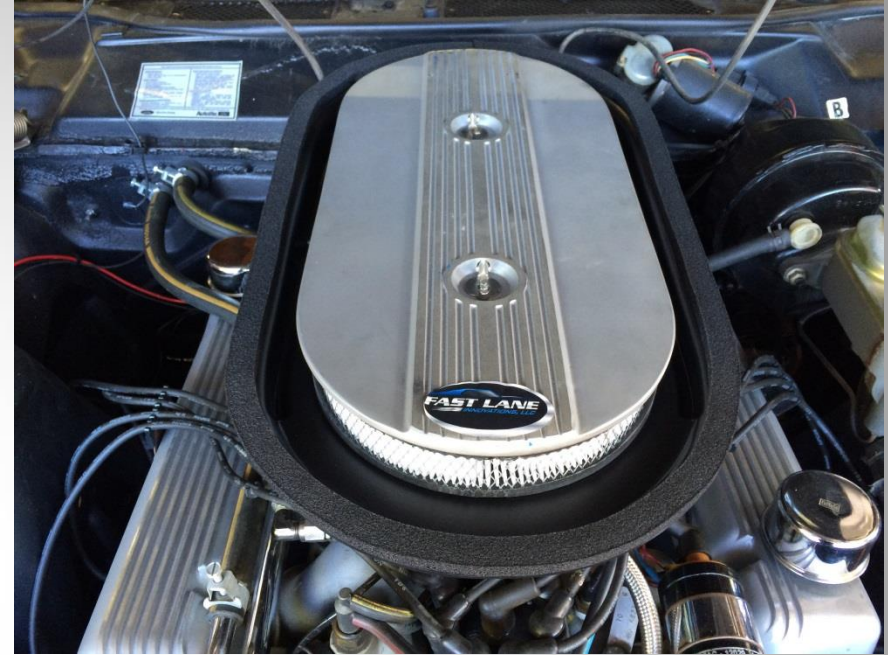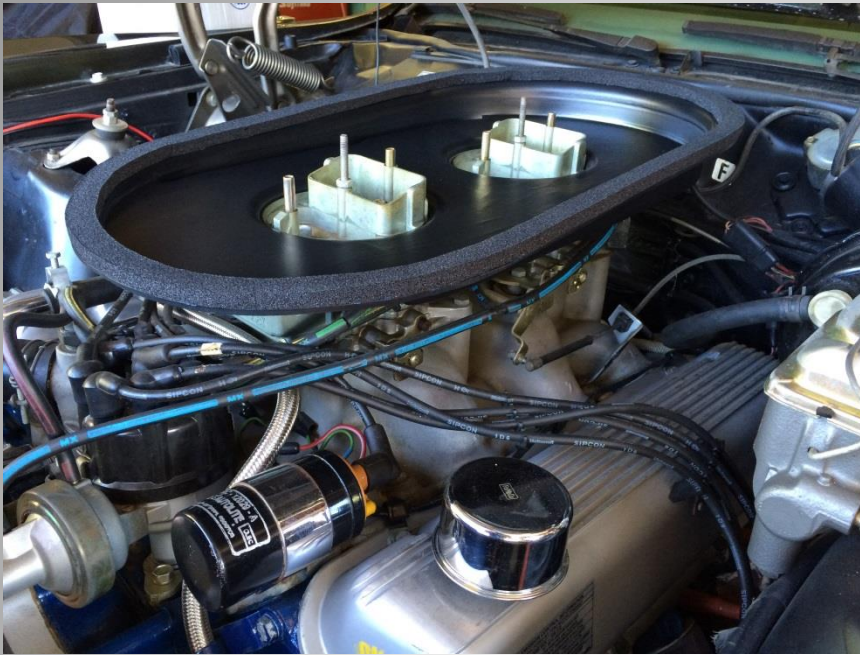
Plenum Installation – Step 3
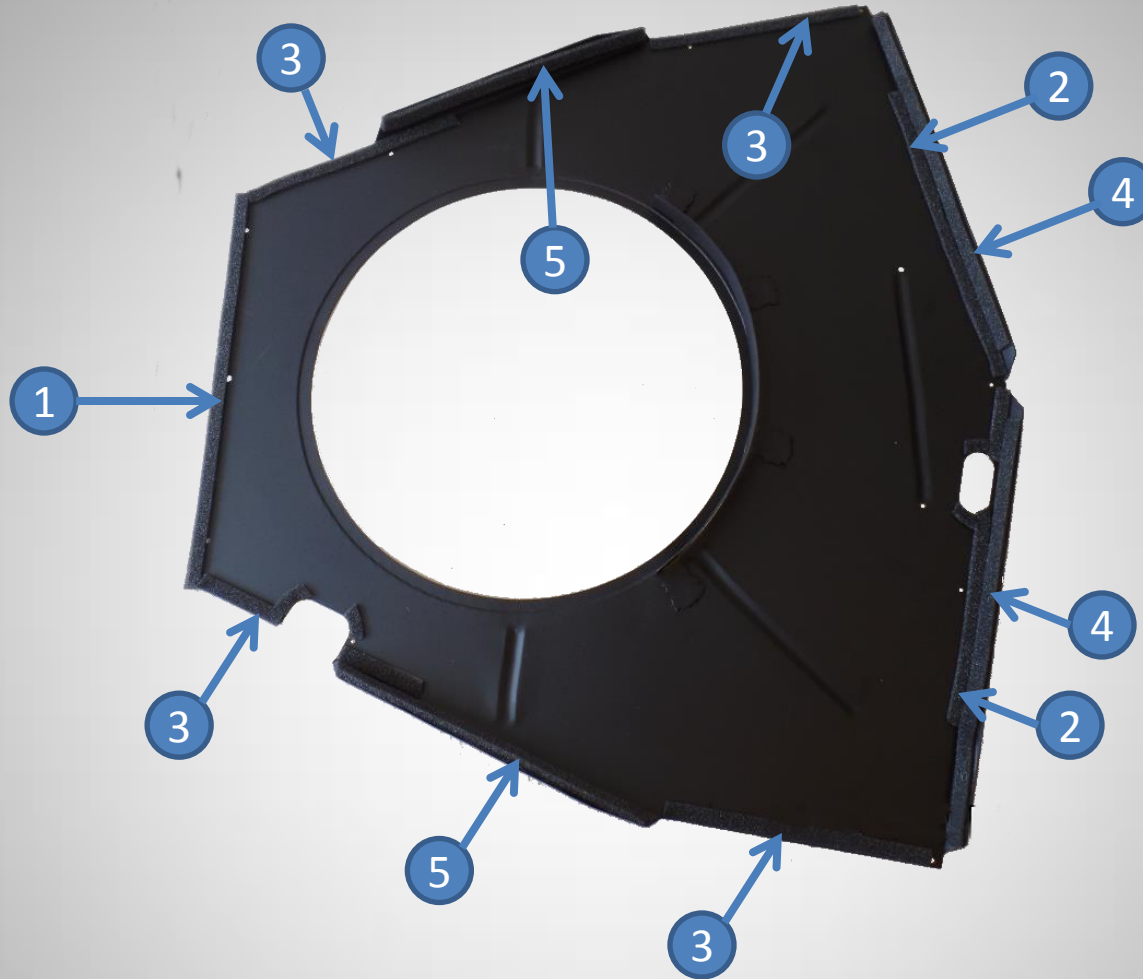
- Install the weatherstrip foam as shown after painting, the tape backing is numbered
- The thinner weatherstrip applies to the main flat surfaces, and the thicker weatherstrip applies to the folded over flaps to seal against the hood support sides

Plenum Installation – Step 4

- For dual-quad applications, the air cleaner base may require some removal of material from the carb holes to fit just right, make sure it sits down on the carbs and seals to the carb gaskets supplied to form a tight seal. On the 429 dual Holley 4 barrel base installation, a 3/8" X 3/4" foam seal was used to seal the base to the hood plenum, depending on your application for motor, intake manifold and carbs used. Other seal options are available (such as a 1" tall flap-style seal).
- This air cleaner base works with 8 ½" carb spacing (air cleaner stud center-center), contact us about making special bases to fit your spacing if it is different.

Enjoy!

- You may need to replace your tires more frequently – keep an eye on your tread depth!

More Helpful tips…

RamDuct CAI Installation Tips

- If you plan to paint the RamDuct CAI, wash it thoroughly first with mild soap such as a dish soap that doesn't have hand softeners (usually the cheapest brands).
  - Most paints adhere well, including engine enamel, but you may want to test a non-visible area first
- If rain-water drainage is needed, you can drill a couple of ¼" holes or a 3/8" hole wherever the lowest area is for your installation (probably the rear unless you have a wedge spacer). These holes don't have a measureable effect on intake air temperature.
- If you have distributor or linkage interference, an air cleaner spacer can help. These can be found at auto parts stores, with the shortest size normally ½". Contact us at customerservice@fastlaneinnovations.com if you would need a custom spacer.

TIP: Overlapping Seal Ends
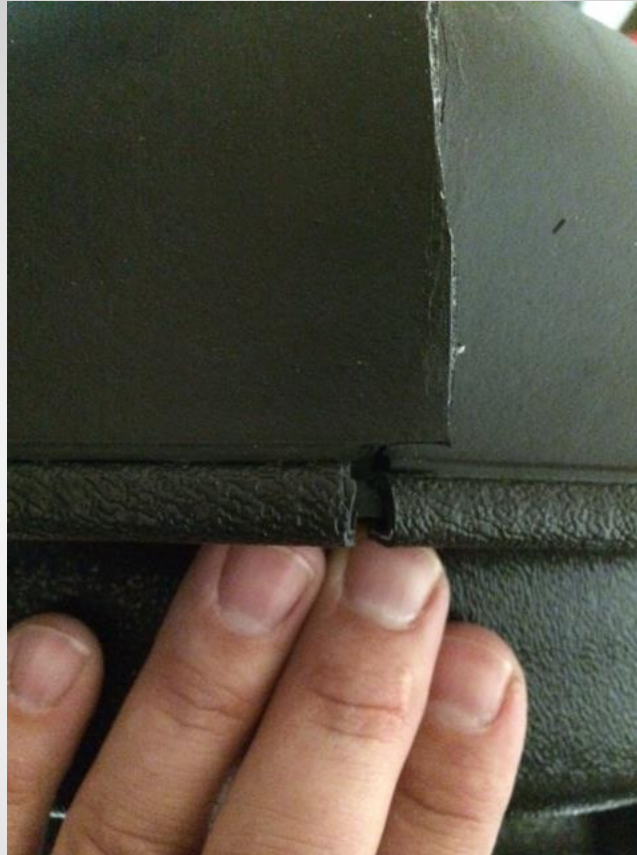
- Overlapping the ends of the seal when gluing provides a much stronger bond
- When cutting the seal to length, cut it ½" to ¾" longer than needed. Then cut back the u-channel so it can butt together without cutting the flap so it can overlap. Then overlap the ends, glue, and press firmly for a minute or so.

Acknowledgements

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  – Darrel Bauer

  – Roberto from the Torinocobra.com forum

- Thanks!