

## 1. Park in the shade and let the hood cool down.

## 2. Prep and clean moldings, and 3D printed inserts.

- a. Using a 3/16" or 1/4" drill bit, drill out the TRD letters from the back of the molding, drilling out the plastic welds and releasing the letters from the front of the molding. You don't need to drill all the way through the front but if you do, no sweat.
- b. You will now have a clean, curved face for mounting the matching curved back on the 3D printed insert.
- c. Using the provided adhesion promoter, thoroughly wipe the areas on the back of the 3D printed insert and the curved face of the molding. To avoid altering the finish of the rest of the molding with the adhesion promoter, you can apply painters tape to the hood molding outer edges and packing tape on top of that to make the painters tape more waterproof.
- d. Apply the provided 3M VHB adhesive to the curved face of the molding making sure the edges are well covered.
- e. Line up the 3D printed insert with the molding and affix to the molding, pressing firmly once attached. Adjustments can be made by quickly removing the insert and re-attaching. The 3M permanent tape takes about 36 hours to cure at room temperature. Please do not "test" the strength of the adhesive, drive at fast speeds, car wash, etc. until the adhesion can fully cure.
- f. To get a glossy look and add protection, you can spray your 3D printed insert with a polyurethane if desired.

## 3. Attach to hood.

For an adhesion-only installation method, apply adhesion promoter to the area under the border of the molding. Slide out the plastic retainer clips and bolt insert, and attach to the hood. Keep in mind the adhesive requires time to cure, just as stated above.



## 4. Optional bolt-on method.

If you'd like a more secure install, you can plastic weld the 3D printed insert to the molding using a plastic welder and plastic weld staples.

You can also drill holes in your hood which would allow you to use the retainer clips and bolt insert for a superior, permanently mounted molding.



Must be printed at 100% scale  
on 11x17" paper.

Hood Molding Drill Template  
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