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Goolsby Edition Billet Aluminum Hood Vents Installation Instructions

General Installation Notes:

Please read these instructions completely before beginning the installation. If you have any questions please call.

Before beginning the installation, disconnect the negative battery cable and use wheel chocks to block the vehicle's wheels.

The Goolsby Edition Billet Aluminum Hood Vents have a two piece outer rim. The upper half of the rim (the **ring**) holds the blades and is designed to be installed down through the top side of the hood. The lower half of the rim (the **clamp**) is installed on the bottom side of the hood and bolted to the ring, clamping the hood in between the ring and the clamp.

Step 1: Lay the hood vent upside down on a workbench. Remove the #10-32 x 3/8" socket head bolts (16 per vent) around the clamp using a 5/32" Allen wrench. **Fig. 2** Separate the clamp from the ring by lifting up on two opposite corners of the clamp. **Fig. 3**

Step 2: Now you can see the #6-32 x 3/8" button head bolts (24 per vent) that attach the blades to the ring (4 bolts per blade). **Fig. 4**

NOTE: The individual blades are **NOT** all the same. The four center blades are interchangeable (within their original assembly, not into the other assembly). Each of the front and rear blades are unique and none will fit properly in any other position.

Before removing any of the blades, determine how you are going to mark each blade so you can identify its position after the blade has been polished, painted, powder coated or plated. The clamp and ring of each assembly have matching dimples at one end that can only be seen after separating them. One assembly has a single dimple on each part, and the other has two dimples on each part. The dimples also serve to identify matching ends of the assembly when putting the clamp and the ring back together. **Fig. 5**

Once you have determined how you are going to mark the blades to identify their position, remove the button head bolts using a 5/64" Allen wrench, and remove each blade. **Fig. 6**

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Fig. 1

Step 3: Once the blades have been removed, make your identifying marks on (at least) the front and rear blade from each assembly.

Step 4: Place the rings on the top of the hood and determine exactly how you want each of them positioned. Trace the outline of each ring onto the hood, and cut the openings in the hood.

Step 5: The parts are now ready to be polished, plated, painted or powdercoated.

Step 6: Once the individual parts are finished, reinstall the blades in their respective positions. Apply thread locking compound to each button head bolt before reinstalling it using a 5/64" Allen wrench.

Note that the installed height of each blade is slightly adjustable so you can compensate for any differences in finish thickness between the parts. **Fig. 7 and Fig. 8**

Step 7: Once the blades are reinstalled in the Hood Vents, position each Hood Vent into the hood. Install the clamp onto the ring from the bottom side of the hood. Apply thread locking compound to each socket head bolt before reinstalling it using a 5/32" Allen wrench.

Fig. 9 shows a cutaway view of a completed installation.

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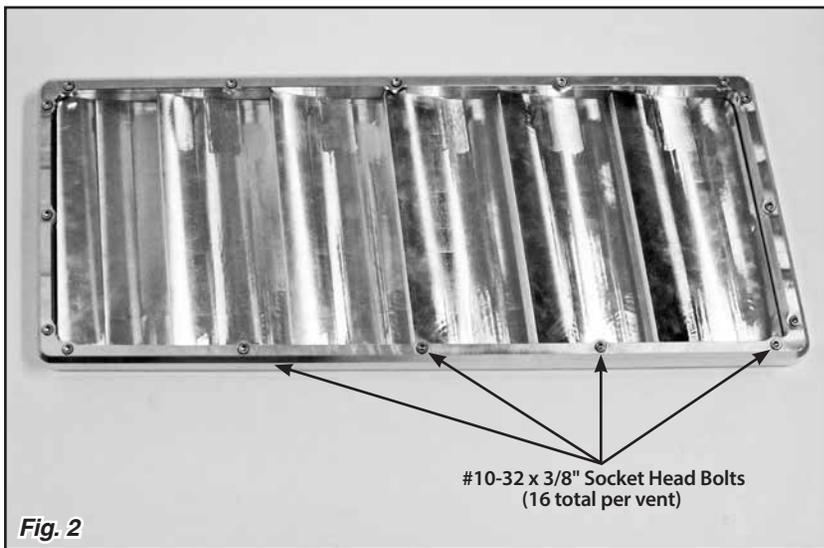


Fig. 2

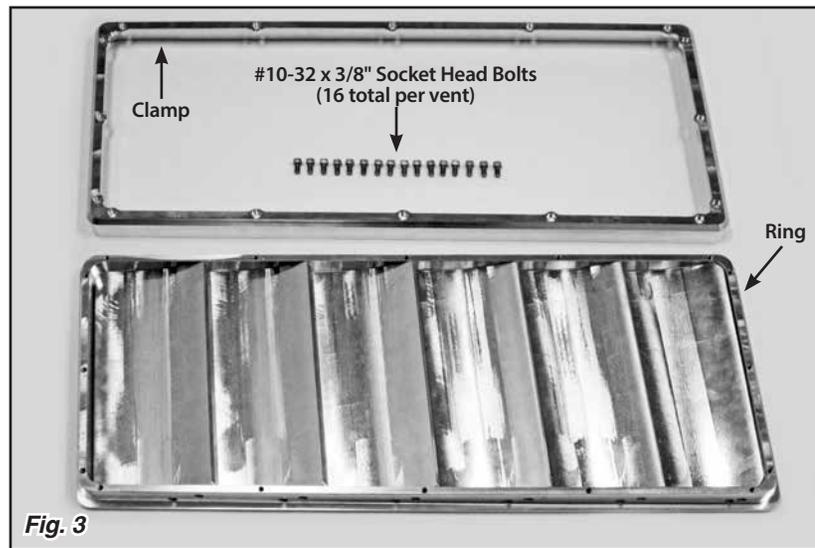


Fig. 3

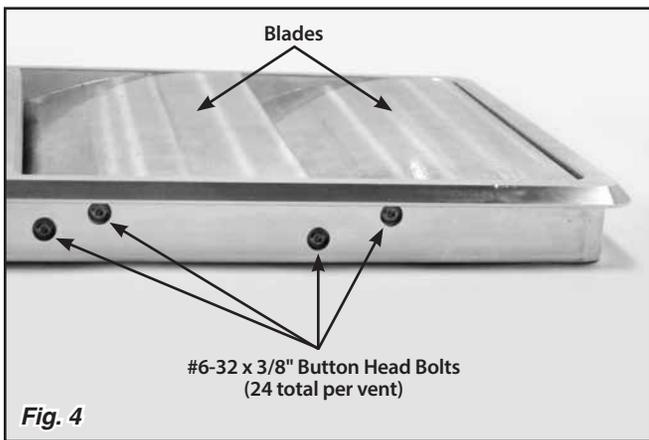


Fig. 4

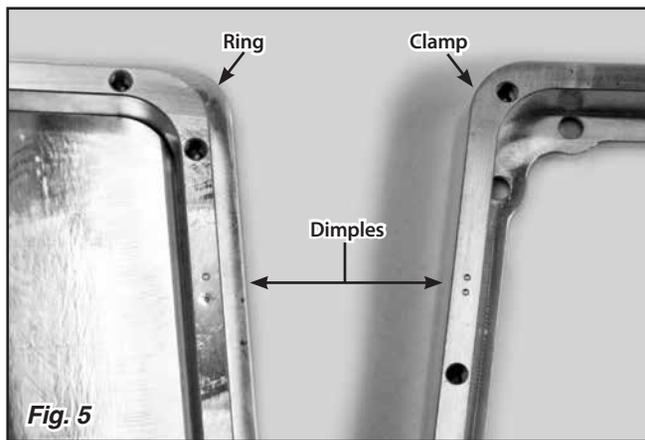


Fig. 5

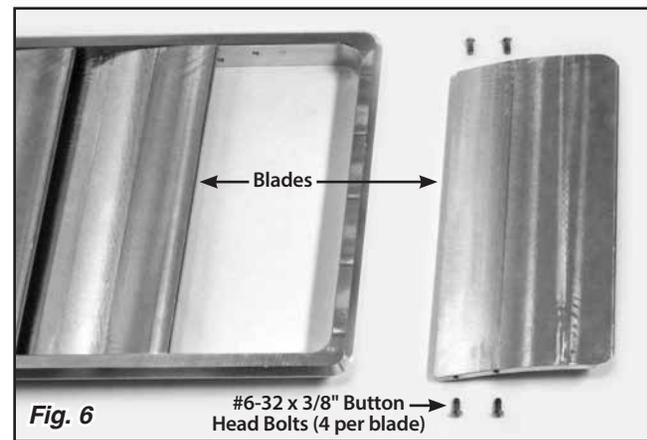


Fig. 6

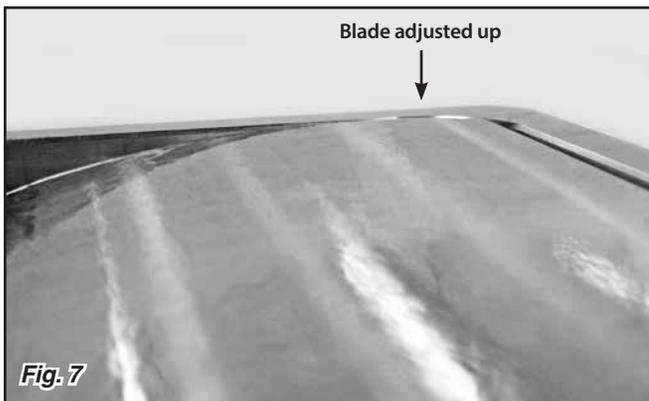


Fig. 7

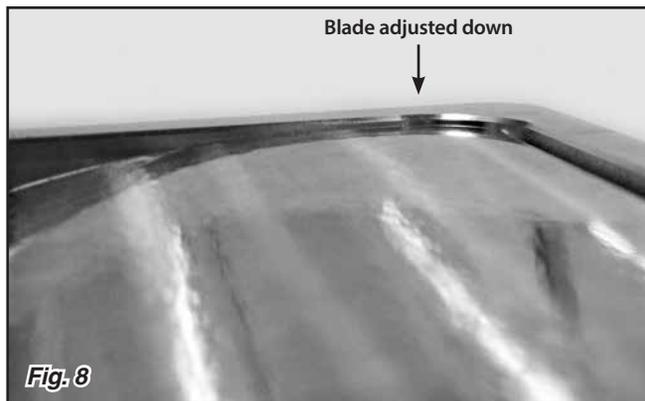


Fig. 8

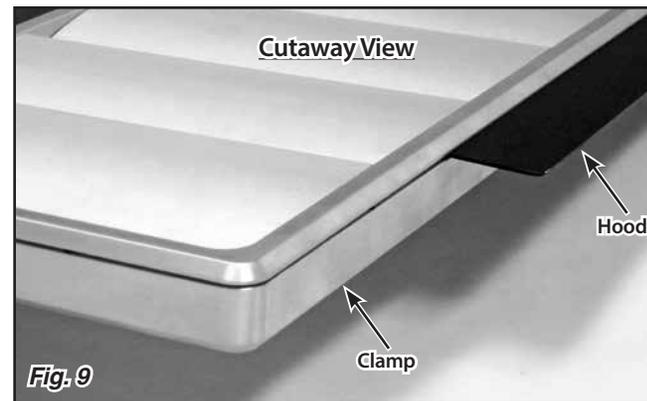


Fig. 9