

20451

10-12 DODGE RAM
2500/3500



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1 Pc. Billet Grille Insert

TOOLS REQUIRED:

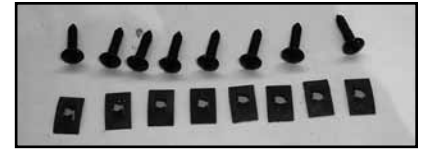
Jigsaw
Die Grinder w/ cut & sand Wheels
Vise Grips
Drill & Bits
Socket & Ratchet Set
Phillips and Flathead Screwdrivers
Black Marker

PARTS LIST

(8) #8 3/4" Screws
(8) #8 Flat Nuts
(1) Billet Grille

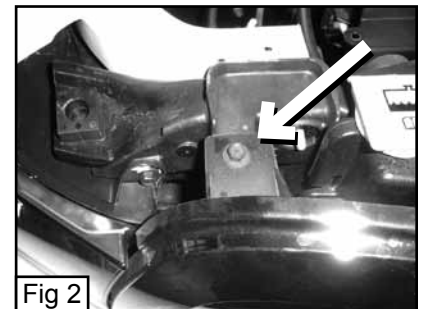
Step 1 Grille Removal

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION. Remove the 6 clips on the radiator cover with a flat head screwdriver by prying them up until they pop. (Fig 1)



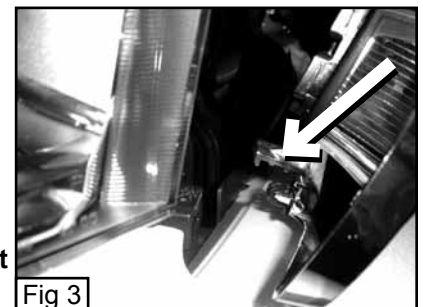
Step 2

Remove the 4 bolts on the top of the grille shell that attach the shell to the radiator support. (Fig 2)



Step 3

Once you have the top of the grille shell loose you need to pull the bottom corners of the grille shell straight out from the vehicle until the clips holding the lower part of the grille pop loose. Do not force the grille, if you need to you can reach down behind the lower portion of the grille and pop the tabs out with your hand. (Fig 3)

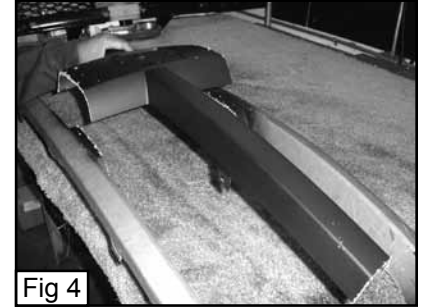


Step 4

Once you have the grille shell off of the vehicle apply masking tape over the front of the grille shell to prevent any scratches. Continued on page 2

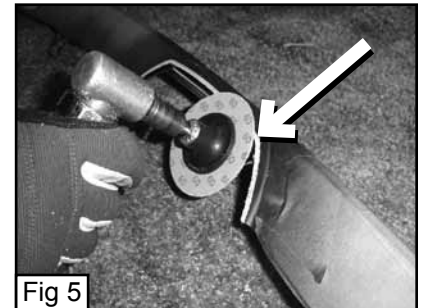
Step 5 Cutting Factory Grille

The center section will now be cut out of the grille shell. Use a jigsaw and cut the center leaving approximately 1/2" of material. (Fig 4)



Step 6

Use a sanding wheel to smooth the areas where you cut out the bars. Leave about 1/4" of material where the cuts were made. (Fig 5)



Step 7

Use a black marker to cover up the cut areas. (Fig 6)



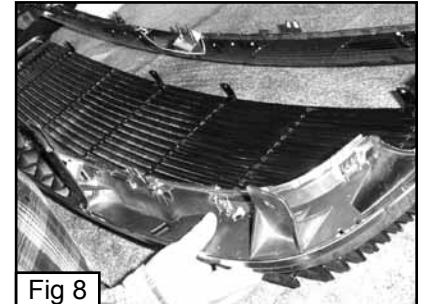
Step 8

The cut factory grille shell should look like (Fig 7) after it is cut and sanded. Continued on page 3



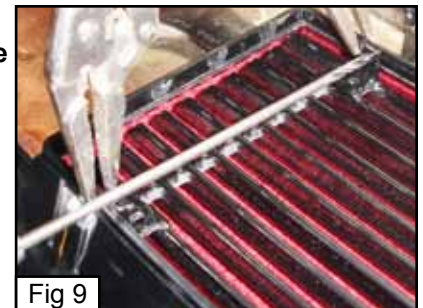
Step 9 Billet Installation

Next take the assembly and turn it over on the bench. Put the billet grille into the assembly. (Fig 8) Center the billet grille in the grille shell. Make sure the front of the billet grille and the grille shell are flush.



Step 10

Use a set of vise grips to hold the mesh grille secure. Clamp the vise grips on the tabs of the billet grille and the inner grille shell frame. Drill a hole through the tab on the billet grille and the inner part of the grille shell frame. (Fig 9)



Step 11

Use 1 of the 8 screws and a nutplate to secure the billet grille to the grille shell frame. Repeat this step on all 8 of the tabs on the billet grille. (Fig 10)



Step 12 Reinstall

Reinstall the completed grille shell assembly onto the vehicle. Align the grille shell up to the vehicle. The lower tabs will be installed first. Reach down behind the grille shell to guide the lower tabs into the tab sockets and push the lower part of the grille inward until you feel the tabs lock in place. Next reinstall the 4 bolts holding the grille shell to the radiator support. Replace the radiator cover and the clips. Installation is complete.