

**51451 / 54451**  
**10-12 DODGE**  
**RAM 2500/3500**



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## **10-12 DODGE RAM**

### **1 Pc. Upper Class Main Grille**

#### **TOOLS REQUIRED:**

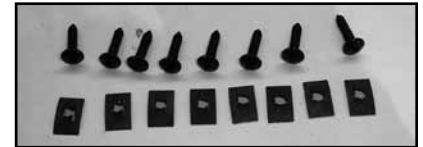
Jigsaw  
Die Grinder w/ cut & sand Wheels  
Pop Rivet Gun  
Vise Grips  
Drill & 5/32 Bit  
10mm Socket & Ratchet  
Phillips and Flathead Screwdrivers  
Black Marker

#### **PARTS LIST**

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

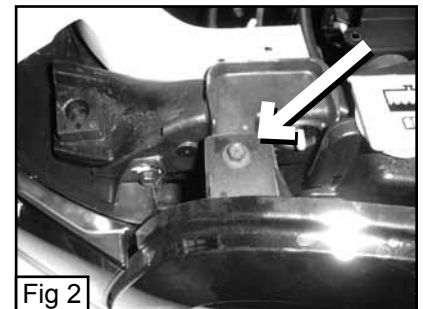
#### **Step 1 Grille Removal**

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)



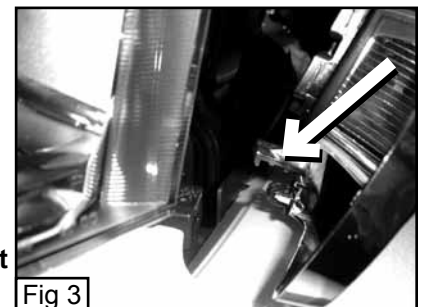
#### **Step 2**

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.

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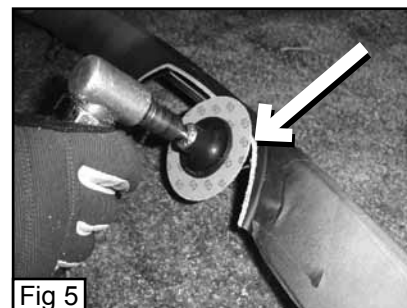
**Step 5**

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.



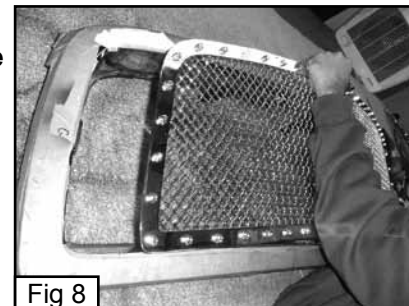
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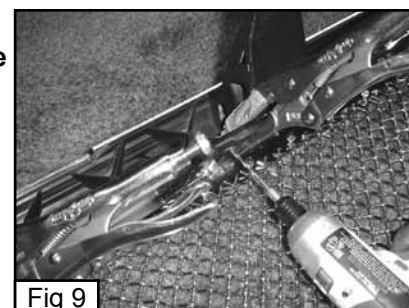
**Step 9**

Next take the assembly and turn it over on the bench. Put the mesh grille into the assembly. (Fig 8) Center the mesh grille in the grille shell. Make sure the front of the mesh 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 mesh grille and the inner grille shell frame. Drill a hole through the tab on the mesh 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 mesh grille to the grille shell frame. Repeat this step on all 8 of the tabs on the mesh grille. (Fig 10)



**Step 12**

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 6 clips. Installation is complete.