



# 2006 Dodge Ram Full Size 2500/3500 1Pc Heavy Duty Mesh

Part# 39297

After



Before



## HARDWARE

- 24 - 12 point bolts
- 24 - 3/8 nuts
- 6 - 1/4-20 x 5/8 allen bolts
- 6 - 1/4-20 nuts
- 6 - washers
- 14 - 3/8 washers
- 2 - upper large brackets
- 2 - lower large brackets
- 2 - lower small brackets



Start with removing the (12) 8mm. Bolts from the back-side of the stock grille shell as shown. Grille shell will be free at this point. With shell removed tape the face of the grille shell to protect during install.



Un-snap plastic inserts as shown. It maybe necessary to use a regular screwdriver to aid in the release of the clips.



Next you will be removing the center portion of the stock grille. Start by using an air saw or cut-off wheel starting on the right side cut as shown above. Leave enough material so you can come back and finish sand all cut areas.



Following same cut procedure as in step3.



Next you will be cut/remove the center post. Start by using a sharpie to make a cut line. Measure up 1 1/2" and make a straight line across the post then for the side cuts angle to the backside of the grille shell.



Using same cut procedure as previous step. Measure down 1 1/2" Make a cut line using a sharpie and cut. Center portion of grille shell will be free at this point.



Using a grinder/sanding block sand all cut areas smooth with grille shell.



Place the mesh grille into opening and center using a sharpie mark the top and bottom center hole as shown. Remove grille from opening.



Using a 3/8" drill bit drill the just marked location from step 8 top and bottom.



Place mesh grille back into opening and place supplied 12point bolt into just drilled locations top and bottom place a washer on backside followed ny nut tighten to hold in place.



Next you will be marking and drilling the bracket locations. Starting with the bottom brackets. locate the small outer brackets and loosen the bolt and nut in order for it to catch the back side of the stock shell then tighten until snug repeat process for all the bottom brackets.



Repeat process for the top brackets loosen until it catches the back side of stock grille shell tighten until snug. With all brackets in place using a sharpie mark all bracket location.



Continuation of marking hole locations.



Next loosen brackets so that you can remove the mesh grille from opening. Using a 3/8" drill bit drill all marked locations.



Place mesh back into opening and center. Loosen if necessary brackets so that they will catch backside of stock grille. Using the supplied 1/4-20 x 5/8" soc head bolts and 1/4-20 nuts secure the brackets in place.



Showing attached brackets.



Backside of shell with all brackets attached.



Completed Installation

For installation of billet grilles that require cutting of the stock shell, proper tools, knowledge and skill are needed. Carriage Works is not responsible for care & accuracy of the installation, only for Fit & Finish of its products. Use a qualified installer or contact original vendor for references to complete all instructions.

NOTE: Please adjust horizontal blades if irregular. This is the result of shipping and handling outside of Carriage Work's control. Also Carriage Works Inc. Recommends applying a high quality automotive wax to maintain the original appearance.