



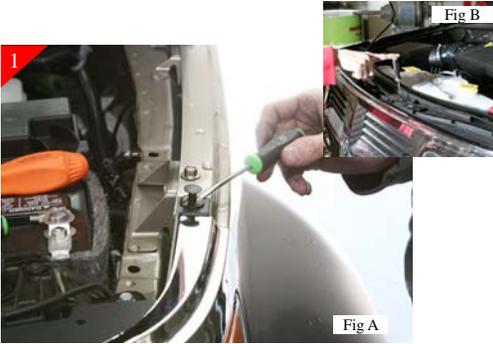
2007 Dodge Nitro

PART# 43711 (Brushed) 43712 - (Polished) 43713 - (Black) Upper

After



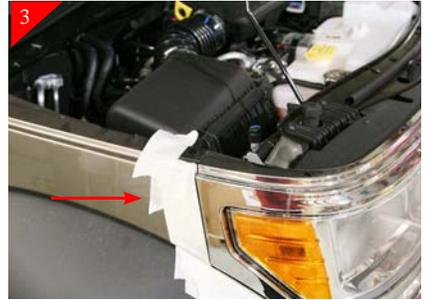
- 2 - Upper Brackets 
- 2 - Lower Brackets 
- 10 - U-clips
- 8 - #8 x 5/8" Phillips head screws
- 2 - #8 x 1" Phillips head screws



Remove (2) plastic pull pull rivets. Using a small regular screwdriver will aid in releasing as shown above (Fig A). Also remove (4) Phillips head screws from across core support as shown in (Fig B).



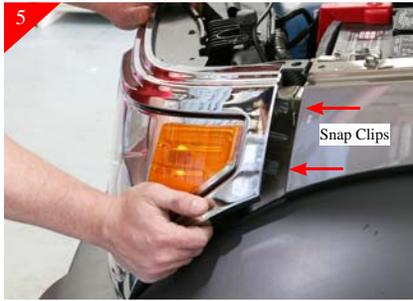
Next Release the hood release cable from the cable guides.



Tape as shown above to protect during the removal of stock shell.



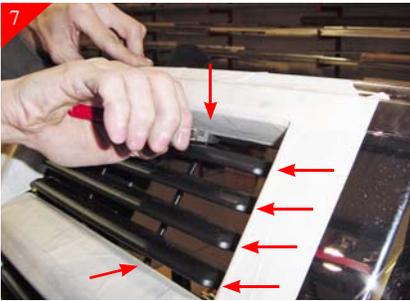
Remove (2) torx #25 screws per side holding headlights in place.



Starting on the drivers side of the vehicle. Unsnap the stock shell, when you get in started as shown above, place your hand fairly low on the shell and pull straight out on the stock shell to release from clips.



Remove The connections from the headlights (3) per light. The stock shell will be free at this point.



Moving Stock shell to a protective work surface. Tape stock chrome shell using masking tape to protect during installation. Next using a pair of dykes cutters cut as shown above all the vertical and horizontal attachment points holding the center portion of the stock shell. Repeat for the remaining openings.



Using a sanding block or air sander, sand all the just cut areas smooth.



Insert the billet grille from the backside as shown above.



Note: Photo was taken while billet grille was not in stock shell to better show the attached bracket. Place supplied U-clip on Upper bracket as shown above. Then attach the bracket to billet grille using the supplied #8 x 5/8" Phillips head screw



Place supplied U-clips on bottom bracket, then attach bracket to billet grille using the supplied #8 x 5/8" Phillips head screw as shown above. Check alignment of the billet grille and using a scribe mark the location of the hole in the bracket where it meets the stock shell as shown above.



Mark The hole location for the Upper bracket using a scribe as shown.



Again check the alignment of the billet grille. Then using a scribe mark the hole location as shown above.



Remove the brackets from billet grille then remove billet grille from opening. Then using a 3/16" drill bit, drill all the just mark locations. When drilling holes for the center attachment be careful not to drill thru the chrome portion of the stock shell.



With all holes drilled. Place the billet grille back into opening and attach brackets to billet grille just as before. Now you will be attaching the billet grille to the stock shell. Starting with the center attachment, place supplied U-clip on the backside and attach using the supplied #8 x 1" Phillips head screw as shown.



The bottom brackets attach using the supplied #8 x 5/8" Phillips head screws and U-clips as shown above.



To Attach the Upper bracket locate the hole you drilled and place a supplied U-clip on the backside of plastic and attach by screwing to the U-clip as shown above. Install is complete. Center stock shell on vehicle and snap shell back in place and remember to attach all headlight connections. (Ref. steps 1-6).

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 Works control. Also Carriage Works Recommends applying a high quality automotive wax to maintain the original appearance.