



2010-12 Dodge Ram Full Size 2500/3500 1Pc Heavy Duty Mesh

Part# 39227



HARDWARE

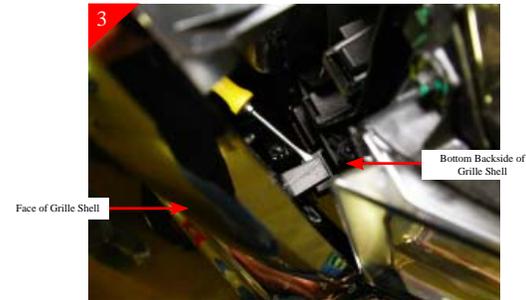
- 8 - 1/4 - 20 x 5/8 Bolts
- 8 - 1/4 - 20 Nyloc Nuts
- 8 - Washers



Start with removing the plastic push pull style rivets hold core support cover in place. Remove core support cover.



Remove the 10mm bolts holding top portion of the stock grille shell in place.

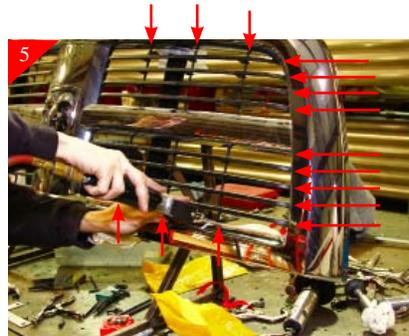


With the top portion of grille shell free, pull shell forward so you are able to reach down the backside of grille shell to release clips holding bottom portion of the stock grille shell in place. Using a regular screwdriver pry up to release clips.



After releasing clips grille shell will be free at this point.

NOTE: If you wish to install bumper grille please do so before reinstalling shell back on vehicle. With shell removed makes it possible to reach behind bumper area.



With grille shell removed place on a protected work surface. You also should tape off chrome portion of shell using masking tape to protect during install. Using an air saw/cut-off wheel cut all the smaller plastic vertical and horizontal attachment points.



Continuation of Step 5 cutting vertical and horizontal attachment points.



Now you will be removing the larger attachment points. Using an air saw/cut-off wheel cut the large chrome plastic vertical and horizontal attachment points leaving enough material to come back and finish sand.



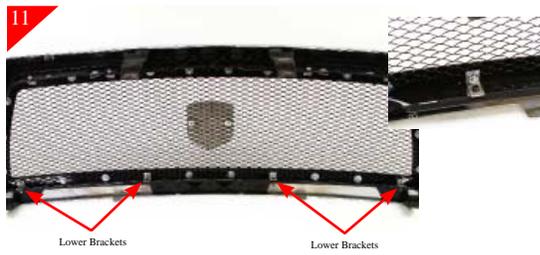
Continuation from step 7 cutting large vertical and horizontal attachments. After cutting grille center will be free at this point and can be removed.



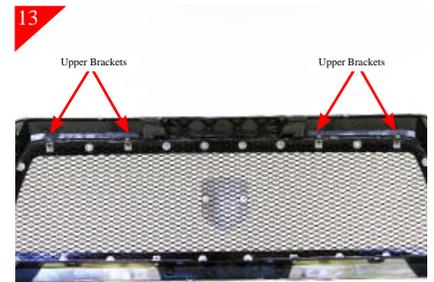
Using a grinder or sanding block sand all cut areas smooth with shell.



Continuation of step 9 sanding or grinding all cut areas smooth.



locate all installation brackets (4) upper & (4) lower brackets. Starting with the lower brackets remove the corresponding bolt and nut. Then attach brackets using the just remove bolt and nut. Repeat for all lower brackets.



Now repeat process for the top (4) brackets.



With all brackets attached place mesh grille into opening and center. Using a couple pair of vice grips check alignment of mesh grille and clamp the backside of the grille shell and brackets. This will aid in holding the mesh in place while marking hole locations. Next you will mark hole locations of the just placed brackets.



With all hole locations marked remove the mesh grille from opening. Using a 1/4" drill bit, drill the marked locations.



Place mesh grille back into opening and center attach brackets using the supplied 1/4-20 head bolts and 1/4 nuts as shown above. Repeat for all remaining brackets.



Optional Emblem remount kit Install using emblem remount plate and (2) 10-32 nuts and washers.



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.