



2011 Ford Super Duty "Replacement"

PART# 44801 (Brushed) 44802 - (Polished) 44803 - (Black) Upper

After



Hardware

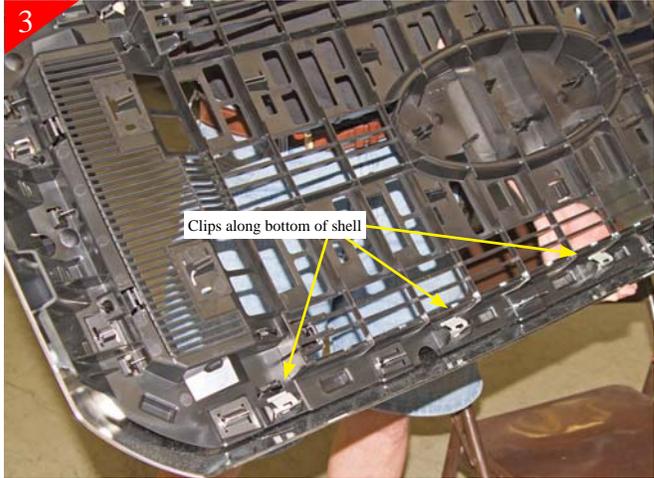
- 16 - 10-24 x 1" Phillips Head Bolts
- 16 - 10-24 U-clips
- 4 - Brackets 
- 2 - Brackets 
- 2 - Brackets 



First you will be removing the stock grille shell from vehicle. Do so by removing the bolts across the top of the core support and plastic rivets shown above. The top portion of the shell will be free at this point.



Next you will be releasing the bottom portion of the stock grille shell. Do so by rocking the shell forward (fig A) and using a long regular screwdriver release the (5) clips along the bottom of the shell (Fig B).



Showing clips along bottom of grille shell after removal.



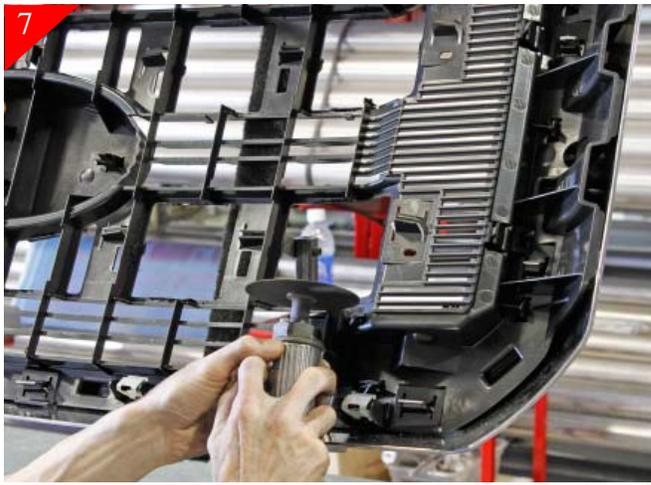
Next you will be removing the (2) large horizontal stock chrome overlays from your vehicle. Do so by releasing the clips from the backside.



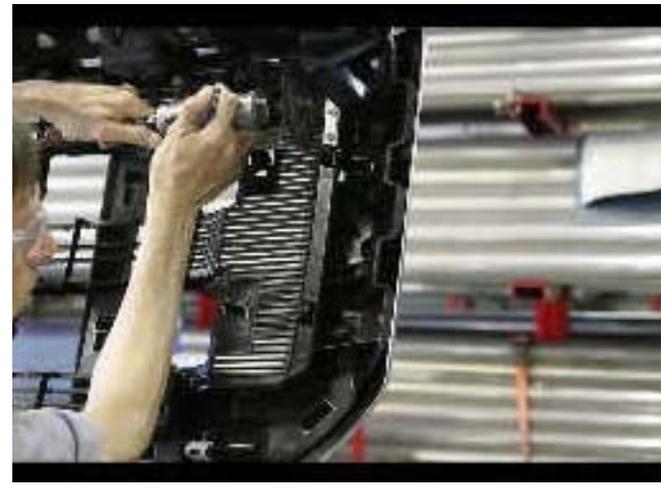
Next you will be removing the center portion of the stock grille shell. Using a cut-off wheel along the top and bottom of the shell cut the vertical attachment points as shown above. (Showing the top)



Showing the bottom cut.



Continue cutting around from the bottom to the side of the grille shell.



8 Now you will removing along the sides of the grille shell. Continued from step 7. Repeat for opposite side of shell. Video clip of removing along the side of shell. Double click the picture above to start playback.



Center portion will be free at this point. Remove center.



10 After removing center sand all cut areas using a sanding block or power sander. Double click for playback.



11

Locate the (4) small brackets and place supplied u-clips on the long end of bracket as shown.



12

Next attach brackets to the bottom mounting tabs in billet grille using the supplied 10-24 x 1" bolts as shown.



13

Place billet grille into opening and center. Align the bottom brackets with the backside edge of grille shell and using a scribe mark the hole locations to be drilled. Repeat for all bottom brackets.



14

Using a 1/4" drill bit, drill the just marked bottom hole locations.



15

Place supplied u-clips on the just drilled hole locations as shown.



16

Remove bottom brackets from billet grille and attach them to the just place u-clips (Ref 15). Double click the picture above to take you thru steps 15-16.



After attaching all bottom brackets to the grille shell, place billet grille back into opening center and attach billet grille to the 2 center bottom brackets. This will hold the billet grille in place while marking hole locations for the upper brackets.



Attach upper brackets to billet grille using the supplied 10-24 x 1" bolts. Again the smaller brackets go to the outside and the larger brackets mount to the inside mounting tabs of billet grille.



Slightly loosen all the upper brackets so that they will rotate out of the way for drilling. Using a 1/4" drill bit, drill the just marked upper hole locations.



Locate the (4) upper brackets and place the supplied u-clips on the long end of each bracket as shown above. The Larger 2 brackets attach to the center most mounting tabs and the 2 smaller bracket go to the outside mounting tabs.



Using a scribe mark the hole locations where they meet the top of the grille shell. Repeat for all upper brackets.



Place supplied u-clips on all of the just drilled upper locations.



23 Attach upper brackets to the just place u-clips using the supplied 10-24 x 1" bolts. Double click the picture above to start playback.

24



After billet grille is attached check alignment make any necessary adjustments by loosening the bolts slightly make adjustment and tighten in place. Tighten all hardware. Reattach shell back on vehicle.

NOTE:

Insure all fasteners OEM & others are secure and in place. Check fitment of plastic shroud core support cover to insure that it does not interfere with hood latch operation.

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.