



2005 Ford Super Duty

PART# 42251(Brushed) - 42252(Polished) - 42253(Black)

HARDWARE

- 12 - #8 x 5/8" Phil Pan Screw
- 12 - 1/4-20 x 5/8" Bolts
- 12 - 1/4-20 Nuts
- 8 - U-clips
- 8 - "Z" Brackets
- 4 - "L" Brackets

After



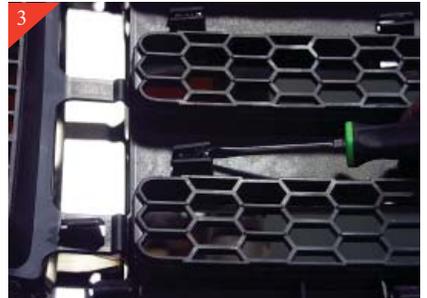
Before



Open hood and remove the (4) 7/32" bolts holding stock grille shell in place. Then remove rubber core support cover by pulling up on the plastic rivets.



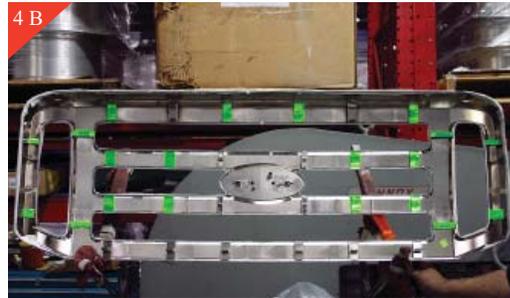
Next pull the stock shell slightly forward, and reaching behind the stock shell release the (5) clips at the bottom of the stock grille shell. If needed use a flat blade screwdriver to aid in releasing the clips as shown above.



Tape off the face of the stock grille shell using masking tape. This will protect grille shell during install. Next lay shell face down on a protective surface. Then using a flat blade screwdriver pry out to release all clips holding center sections of stock grille shell as shown above



Next using a cut-off wheel or a hack saw it will be necessary to remove some of the tabs (Fig 4A). The next step (Fig. 4B) shows the tabs that need to be removed.



(Fig. 4B) All the tabs marked in GREEN need to be removed



After the tabs have been removed, you will need to sand or grind all the cut areas smooth with shell.



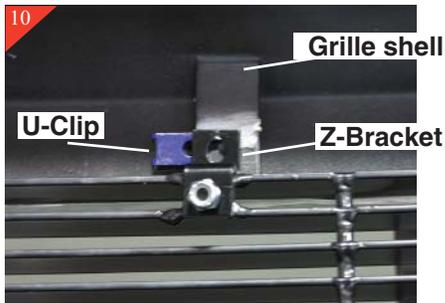
Take note before placing the billet grille into opening. The Top (2) "Center Tabs" are spaced out more from the vertical rods than the bottom (2) as shown above.



Place the billet grille into the open and center. Next you will be attaching all the brackets to the billet grille.



Loosely attach the (L) shaped brackets to the bottom of billet grille, with the short side of bracket attaching to billet grille as shown above.



Loosely attach the (Z) shaped brackets at all other locations. Using supplied 1/4-20 x 5/8" Bolts and Nuts. Next place "U" Clips on stock shell and align with bracket as shown. Next tighten all bolts.



Making sure (Z) brackets & (U) Clips are aligned with each other. Drill a hole using a 3/32" bit down thru bracket and U clip. Then attach using a #8 x 5/8" Phil pan screw. Repeat this process for all (Z) brackets. Billet grille will be attached to stock shell at this point.



Place the shell back on vehicle and align. Then replace the stock 7/32" bolts that attach across the top of shell.



Now you will need to drill a hole in the fiberglass framing to allow the bottom "L" brackets to attach to vehicle. Reach behind the grille shell and locate the bottom "L" brackets. Then drill a 3/32" hole in each. Then attach using #8 x 5/8" screw in just drilled location.

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Then replace rubber core support cover using stock plastic rivets. Installation is complete.



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.