



2009 Ford F-150 XLT (Replacement)

PART# 44371 (Brushed) 44372 - (Polished) 44373 - (Black) Upper

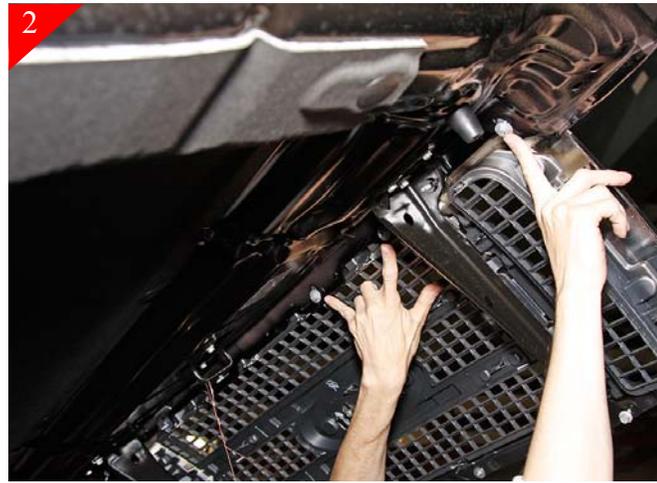


Hardware

- 8 - 10-24 x 1" Phillips head bolts
- 8 - 10-24 U-clips
- 2 - Self Tapping Screws
- 4 - Square Tabs
- 2 - Lower "L" Brackets
- 2 - Upper "Z Style" Brackets



Open hood and remove the (2) 10mm bolts along the bottom outside of the stock grille shell holding the stock grille shell in place.



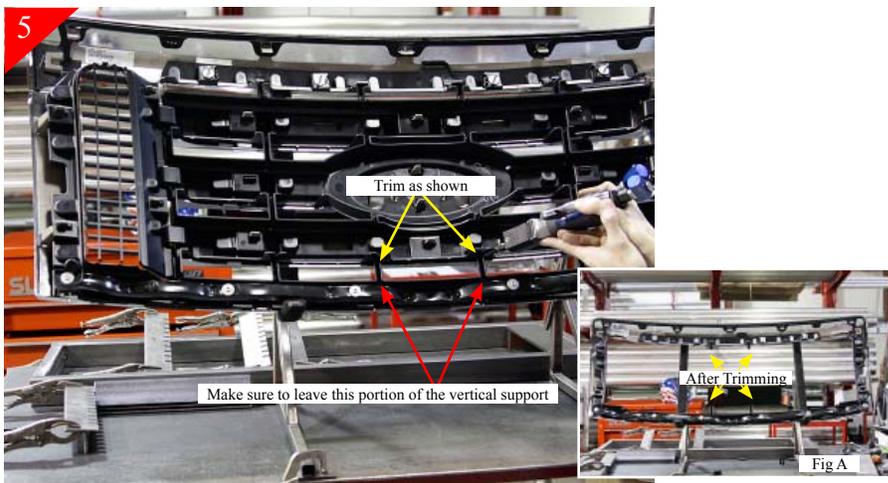
Continuing to remove the stock grille shell. Remove the (6) 10mm nuts across the top of the stock grille shell holding the top portion of the stock grille shell in place. Remove grille shell and using masking tape, tape the front of the grille shell to protect during the install.



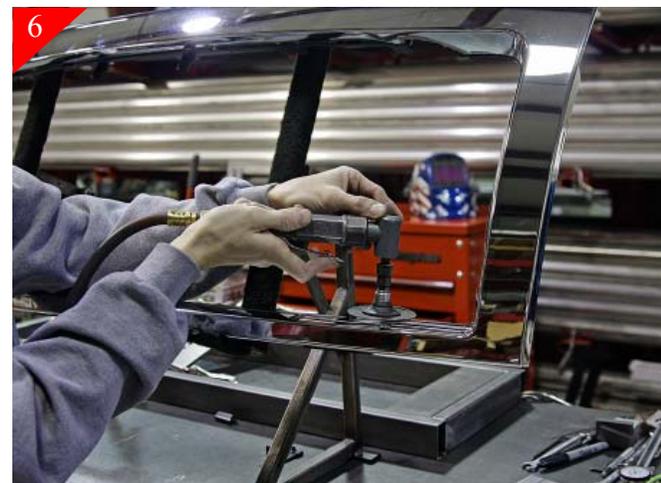
Next you will be removing the center portion of the stock grille shell. Using an air saw cut the vertical attachment points of the grille shell shown above. **DO NOT START WITH THE MIDDLE 2 ATTACHMENT POINTS THESE WILL BE ADDRESS IN STEP 5 OF THE INSTALL.**



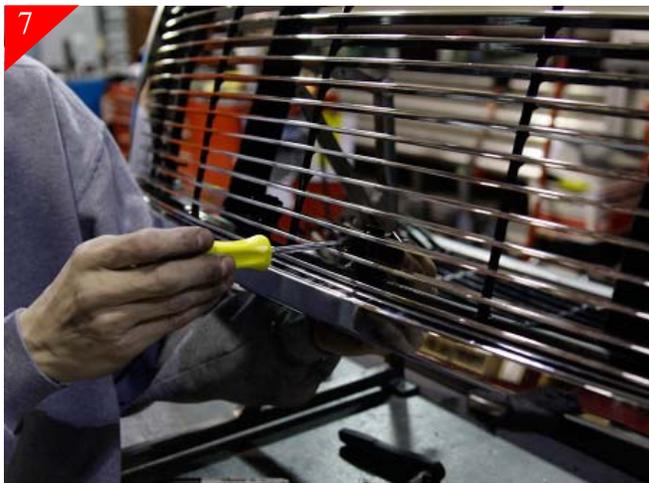
Continuing to work your way around cutting the vertical and horizontal attachment points to remove center portion of the stock grille shell. The center will be removed in the following step.



Now for the (2) middle attachment points. Make sure when cutting, to cut as close to the center portion of the grille as you can as shown above. After working your way around and cutting the top (2) middle attachment points just as the lower shown above the center can be removed (Fig A.)



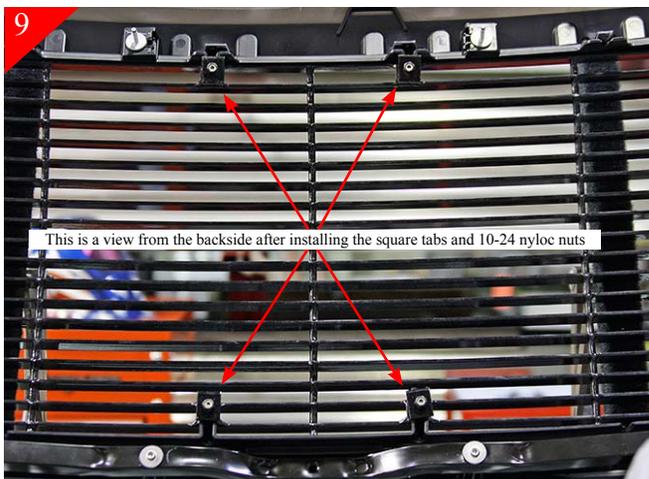
After removing the center portion, trim and sand all just cut points **EXCEPT FOR THE (2) UPPER AND LOWER MIDDLE ATTACHMENTS POINTS.**



Next turn grille shell over face down, and place the billet grille into the backside of the grille shell opening. Now while holding the billet grille in place flip grille shell and billet grille over face up. Next locate the middle mounting tabs, using a sharpie or scribe mark the mounting hole locations where they meet the middle attachment point left after trimming.



After marking mounting locations remove billet grille from opening. Drill the just marked locations starting with a pilot hole using a $\frac{1}{8}$ " drill bit. Next using a $\frac{1}{4}$ " Drill bit re-drill locations.



Place billet grille back into opening. Locate the supplied 10-24 x 1" bolts and place thru the middle mounting tabs in billet grille this goes thru the vertical plastic support that you just drilled. Next place the supplied square tabs on the backside of the plastic vertical support onto the just placed bolts now place the supplied 10-24 nyloc nuts to secure.



Next locate the (2) "L" Brackets and place the supplied 10-24 u-clips on the long end of the brackets shown above. Attach brackets to the 2 lower outer mounting tabs in billet grille using the supplied 10-24 x $\frac{3}{8}$ " bolts and attach to the just placed u-clips. Next using the supplied self tapping screws attach the short end of the brackets to the steel framing as shown.



Now locate the remaining brackets and place the supplied 10-24 u-clips on the end of the bracket with a angle bend as shown above. Next place grille shell back on vehicle. Now place the bracket as shown on the mounting stud of the grille shell. Using the supplied 10-24 x $\frac{5}{8}$ " bolts attach bracket to billet grille. Repeat more remaining side of the billet grille.



Continue with the re-attachment of the grille shell using the stock hardware removed in steps 1 and 2. Check all hardware and fasteners. Install is complete.



Emblem Re-mount kits available as shown above. Not included Part#403

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.