



# 2009-12 Ford FX-4 Mesh Grille

**PART# 3902 Upper**

After



### Hardware

- 3 - Top Brackets  3902-1
- 8 - Brackets  4438-3
- 1 - Center bottom Bracket  4423-2
- 4 - Emblem Brackets  4055-1
- 6 - Brackets  4014-1
- 6 - 10-24 U-clips
- 6 - 10-24 x 2" Phillips head screws
- 14 - #10 Flat washers
- 14 - 10-32 Nyloc Nuts

1

Start by laying stainless steel trim ring face down on a protective work surface. Next Place the mesh center face down on stainless steel trim ring. Align/center mesh center so that it clears the mounting studs.

2



Next locate the 6 "Z" shaped brackets and place a supplied u-clip on 1 end of the brackets.



Now attach 3 brackets to the outside drivers side mounting studs using the 10-24 nyloc nuts align brackets as shown. Repeat for the 3 brackets for the passenger side of mesh.

4



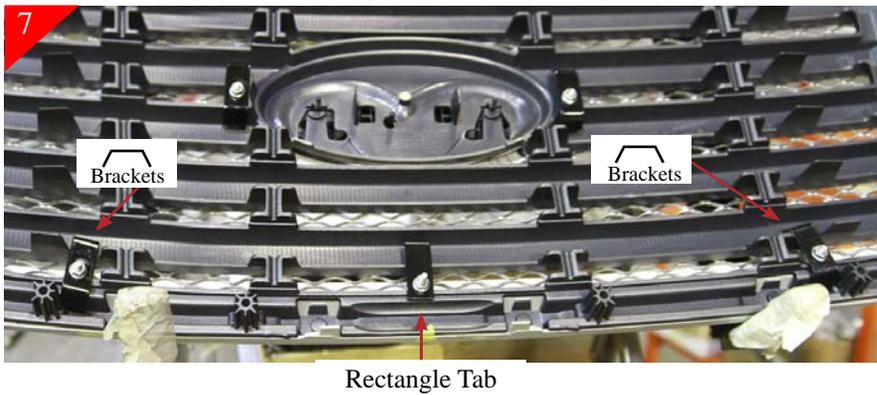
With brackets attached place stock shell face down on top of the mesh and the trim ring. Locate the 6 rectangle tabs and place the 10-24 x 1 1/2 bolts thru the center hole in tabs. Next place a drop of blue or red loctite on threads of the bolts.



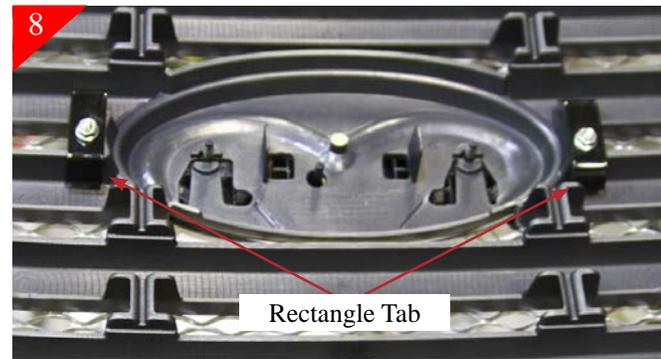
Now attach tabs to the already placed brackets as shown above. Get all the tabs in place and tighten just until snug. This will hold mesh and trim ring in place while you place the remaining brackets. **Again do not fully tighten until you have all brackets in place and have checked alignment.**



Locate the 3 upper supplied brackets shown above. Place brackets as shown and attach until just snug with 10-24 nyloc nuts. **Again do not fully tighten until you have all brackets in place and have checked alignment.**



Locate the 4 lower  brackets and 1 rectangle tab  as shown above. Attach the 2 brackets and the rectangle tab that attach along the bottom of the shell first using 10-24 nyloc nuts until snug.



The remaining 2 brackets hold the logo trim in place. Center ford logo trim piece in place and attach brackets using the 10-24 nyloc nuts. Check alignment of trim and tighten.

9

Check alignment with the front of the grille shell and tighten all brackets starting with the outside tabs and working towards the center.

**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.