



2005-06 Ford 500

Part# 42481 (Brushed) 42482 (Polished) 42483 (Black)

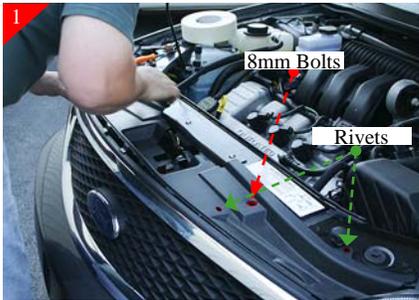
After



Before



- 6 - 1/4-20 Bolts
- 6 - 1/4-20 Nyloc Nuts
- 6 - #8 x 5/8" Phil head screw
- 6 - U-clips
- 2 - #8 x 1" Phil head screw
- 2 - Rivets
- 2 - Brackets ⊥



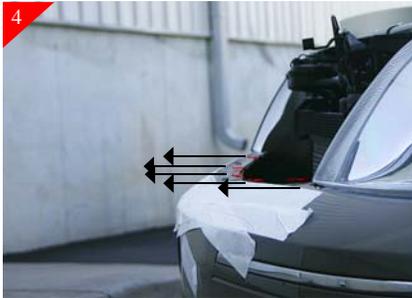
Open hood and remove the (2) 8mm. Bolts from the core support area. Then remove (4) Plastic Push Pull rivets from same area as shown above.



Next you need to un-snap the plastic shroud from the stock grille shell as shown above.



Remove (6) 8mm bolts from the bottom of the stock grille shell by reaching behind stock shell as shown above.



There are clips on the bottom of grille shell opening (shown above in RED). Pull straight out on stock grille shell to remove. Grille shell will be free.



Remove Stock "Blue Oval" emblem.



Remove Plastic covers from the drivers & passengers side of grille shell by unclipping, as shown above.



Next tape stock grille shell using masking tape to protect during install.



Remove the (6) Torx (T-20) along top of grille shell as shown. After screws are removed top portion will be free.

Keep this portion of grille shell you will be needing it to reinstall grille.



Next using a air file or a hack saw cut as shown above. Leaving the pieces attached to grille shell as shown.



Next release the tabs that is holding the plastic center. It maybe necessary to use a regular screwdriver to aid in releasing the tabs.



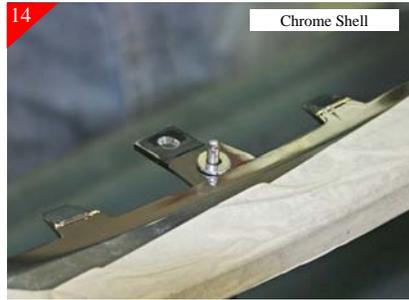
Next you will be cutting the "egg crate" section of the plastic center. Using a cut-off wheel or hack saw cut along the RED line shown above. You need to keep the top & bottom portion of plastic center.



Next snap the top portion of the plastic shell that was cut in step 11 as shown above.



Next using the supplied Tab shown above. Place them on the 2nd tab from the left and the right side of chrome shell as shown. Then using a scribe mark the locations of the holes. Then using a 3/16" drill bit drill the just marked locations.



Then attach the brackets using supplied washer & Pop rivet as shown above. Then place the bottom plastic portion back in place.



Using a utility knife notch plastic where it meets the bracket (Ref. Step 13).



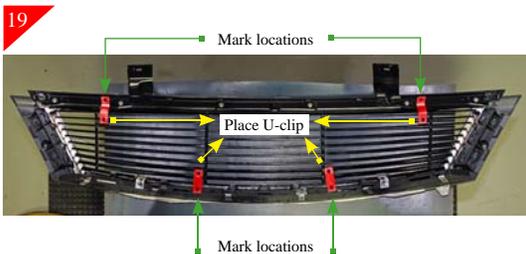
Next align the supplied bracket with previously installed bracket as shown above. Then using a scribe mark the location of the hole in the plastic. Then using a 1/4" drill bit drill in marked locations.



Then place the supplied 1/4-20 bolt as shown. Then attach the bracket with Nyloc 1/4-20 nut (Fig B).



Place billet grille into opening and center. Then re-install the top metal portion using stock torx (t-20) screws (Ref. Step 3). Next you will be attaching the bottom plastic portion to chrome shell. Attach u-clip to bracket (Ref. Step 13) for location as shown above.



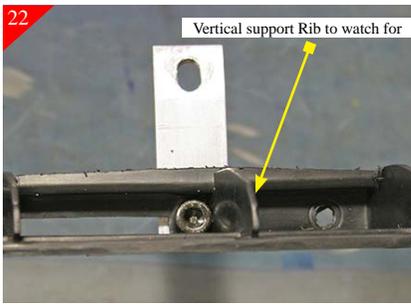
Then lay brackets on billet grille as shown above marked in RED. Then place a u-clip on each bracket just on the side that touches billet grille as shown above. Then attach the brackets to the billet grille using the supplied #8 x 5/8" Phil head screws.



Then using a scribe mark the locations of the holes as shown above. Then remove the brackets that are attached to the billet grille. Also remove the billet grille and remove the top metal portion and the bottom plastic portions of stock grille.



Next starting with the metal top portion drill a 1/4" hole in the just marked locations (Ref. Step 20) as shown above.



Next drill a 1/4" hole in the just marked locations on the bottom plastic portion. **NOTE: When drilling hole, there is a vertical plastic support rib that you will need to watch for. Drill hole just to the side of this rib.** Then attach bracket using 1/4 -20 Bolt and 1/4-20 nyloc nut as shown.



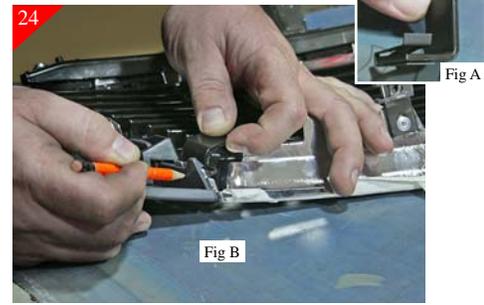
Then drill a 3/16" hole in the just marked location.



Then attach the supplied top bracket using 1/4-20 nut and 1/4-20 nyloc nut as shown above. Then place billet grille into opening and center. Then re-install the top metal portion using stock torx (t-20) screws (Ref. Step 3) you will also need to place the supplied square tab on the middle (2) torx hole locations. Next attach billet grille to top brackets using #8 x 5/8" Phil head screws.



Next attach bracket using supplied #8 x 5/8" Phil Pan head screw as shown.



Next place a U-clip on the supplied "L" corner bracket as shown (Fig A.). Then hold bracket in place as shown above (Fig B) and mark location of hole.



Then re-install the bottom plastic portion as shown using #8 x 5/8" Phil Pan head screws. Then attach all bracket to billet grille using #8 x 5/8" Phil pan head screws. After all bracket are tight and secure re-install the stock shell back to the vehicle (Ref. Steps 1-4).

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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.