



2005 Ford Super Duty Bumper Grille

Part# 42281 (Brushed) 42282 (Polished) 42283 (Black)

After



Before



Center Section:

- 2 - #8 x 5/8" pan head
- 2 - 1 1/2" x 1/4-20 Cap Screw
- 2 - 1/4-20 nuts
- 2 - Long Bkt
- 1 - Bkt

Left & Right Sections:

- 4 - #8 x 5/8" pan head
- 4 - U-Clips
- 2 - 1 1/2" x 1/4-20 Cap Screw
- 2 - 3/4" x 1/4-20 Cap Screw
- 4 - 1/4-20 nuts
- 2 - Bkt
- 2 - Bkt

HARDWARE



1 Start with removing the tow hooks by removing the 3 - 15mm bolts on both driver & passenger side of vehicle.



2 Next you will be attaching the brackets to the backside of billet grille as shown above. Start by attaching the supplied U-clips to each of the brackets, then attach bracket to billet grille using the supplied #8 x 5/8". Take note of the bend angle of billet grille the longer "L" bracket attaches to the long side of the grille and the bracket to the short side.



3 Place billet grille into opening and center. Take note that the shorter angle of the billet grille goes to the outside of the vehicle.



4 Then using a sharpie or scribe mark the location of the brackets as shown.



5 Next drill a 9/32" hole in each of the marked locations. It may be necessary to start with a smaller drill bit such as a 5/32".



6 Next remove the brackets from the billet grille. Then attach the brackets to the vehicle in the just drilled locations using the supplied hardware. Use #8 x 1" bolts for the holes to the inside of vehicle (bracket in Red) . Use #8 x 3/4" for the outside.



7 Next loosely attach brackets to the center section of billet grille as shown. Rotate brackets as necessary in order to place billet grille into opening and center. Then rotate the brackets out similar to the picture above and tighten so they will stay in place for marking. The long brackets will end up attaching in the tow hooks section. Then mark locations of the holes in brackets and remove grille. Then drill a 9/32" hole in each of the marked locations.



8 Next attach the brackets to the vehicle using supplied hardware #8 x 3/4". With all brackets attached to vehicle simply attach billet grilles to vehicle using supplied Phil Pan Head Screws.

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. Applying a high quality automotive wax to maintain the original appearance.