



2004-05 Chevy Colorado

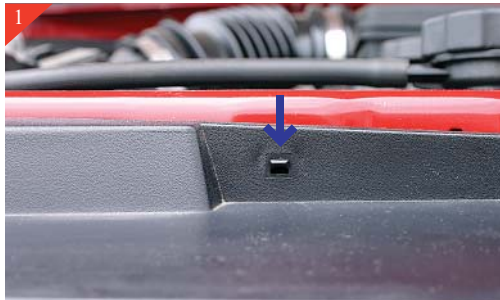
PART# 41991(Brushed) - 41992(Polished) - 41993(Black) Upper



Shown with optional Bumper Grille sold separately

Before

- 4 - Brackets Top Grille
- 2 - Brackets Bottom Grille
- 4 - Brackets Bottom Grille
- 1 - Brackets Bottom Grille
- 8 - #8 x 3/8" Brite Phil Pan HD Screw
- 20 - #8 x 5/8" Phil Pan HD Screw
- 15 - U-Clips



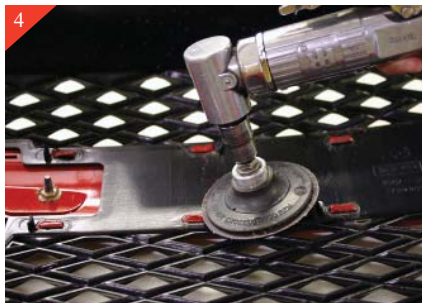
First you will be Removing the grill shell from vehicle. Do this by releasing the (4) tabs across the top of grille shell, simply push down on the tab as shown above.



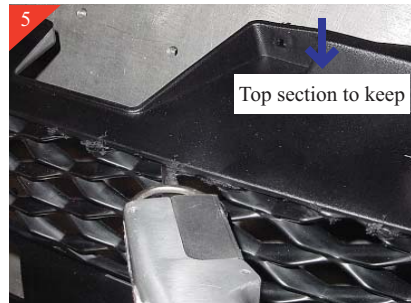
Next there is (1) Tab on the driver and passenger side behind the Headlights. Pull straight out to release as shown above. Next there are (3) Tabs on the bottom of the grille shell. Pull straight out to release. Next unplug the wiring harness from the headlights.



After grille shell is removed place it on a protected work surface such as a blanket covered table. This is to protect the grille shell during install.



Remove Egg Crate section by using a grinder to remove the plastic welds holding section in place. There are (30) weld areas that need to be ground. Egg Crate will be free at this point.



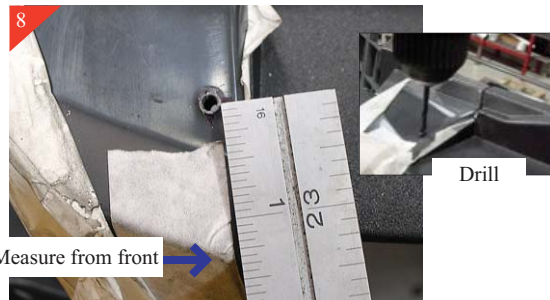
Then you will need to trim off the top section of the Egg Crate. Being careful during trim as you will need to keep this section to re-install. Cut the egg crate using an air file or a hack saw as shown above.



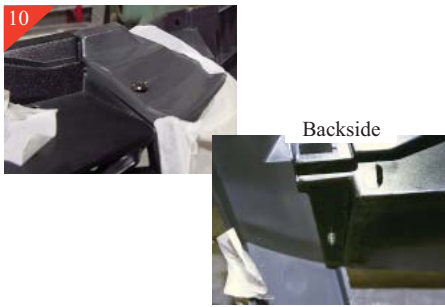
Sand all cut areas smooth with surface as shown.



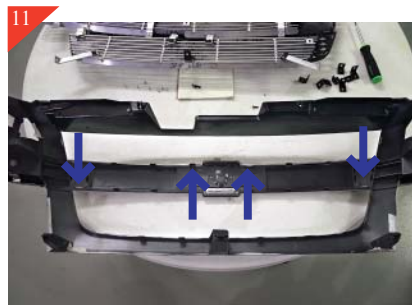
After sanding smooth replace the upper portion of the egg crate back in it's original location.



Measure over 1/4" from where the top section meets the outer grille shell (Headlight Area) and mark location. Then measure 1 5/16" from the front of the grille shell and mark location. This needs to be done on both the driver and passenger side of the shell. Then drill a 3/32" hole in the center location. Using the supplied hardware #8 x 5/8" phil pan head screw attach the upper portion of the egg crate back to the shell. The next step will show the attached upper section completed.



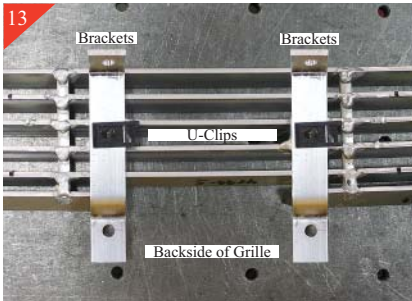
Showing completed attached upper section.



Next using a pair of vice grips or pliers break the bottom tab on the driver & passenger side as shown above. Next break the (2) tabs located on the upper portion of the emblem as shown above.



Next you will be attaching the brackets to the upper portion of the billet grille. All brackets used on upper portion of the billet grille are the same (pictured above). Do this by sliding a U-clip on to the center hole on brackets as shown above.



Then attach the (4) brackets to billet grille loosely using supplied hardware #8 x 5/8" phil pan head screw as shown above. Picture above only shows the center (2) brackets.



Lay grille shell face down and insert the Billet Grille from the back side and center into opening. Making sure plastic shroud is flat against top bar of grille. You should have approximately 1/4" (Measured from the center of billet grille.) of the billet grille sticking out past the top plastic shroud. As shown above.



Showing a Reference measurement for the outer edge of the billet grille. There should be approximately 3/8" sticking out past the plastic shroud. After you get the depth correct you will need to clamp it in place.

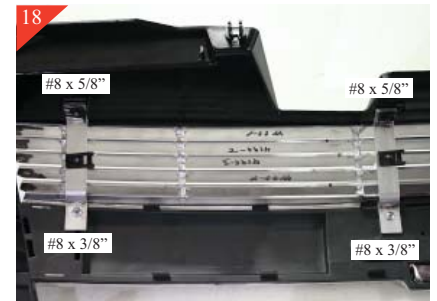


Next, mark locations of all holes for the top section of billet grille. Then drill a 3/32" hole in all marked locations.

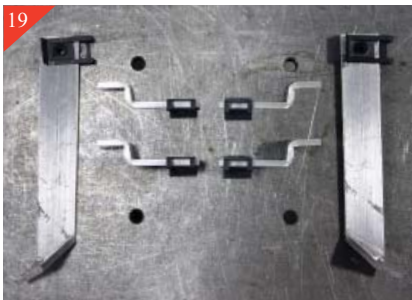
NOTE: BE VERY CAREFUL DRILLING HOLES ON EMBLEM STRIP SO AS NOT TO DRILL THRU THE CHROME STRIP ON SHELL.



Next attach U-clips to the tops of the brackets only.



Place the upper billet grille back in opening and center. Attach billet grille with supplied hardware #8 x 5/8" Black Phil Pan head screw for the top of the grille (brackets with the U-Clip). Use #8 x 3/8" Bright Phil pan head for the bottom of the grille (Emblem Strip).



Next place U-clips on the long end of the (4) brackets that go across the top of the lower billet grille as shown above. Next place U-clips on the long end of the (2) outer brackets. Then place U-clip on the short end of the bottom center bracket.



Then attach the (4) Brackets to the top of the billet grille using #8 x 5/8" black phil pan head screw. Then place the billet grille into the shell. Billet Grille must go into opening from the front. Next attach the bottom brackets to the billet grille using #8 x 5/8" black phil pan head screw. Pictured above is all brackets attached to billet grille and placed into opening.



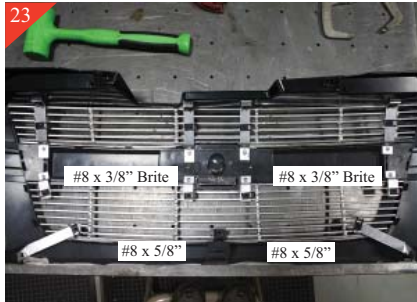
Next mark locations of all holes for the top brackets (Emblem Strip).
NOTE: BEFORE MARKING THE BOTTOM HOLES YOU WILL NEED TO HOLD THE BILLET GRILLE FLUSH WITH FRONT OF OPENING AS SHOWN ABOVE.

(Reference the back page for more detailed bracket description.



Next remove the (3) bottom brackets from the billet grille & remove the billet grille from shell. Then Drill a 3/32" hole in all marked locations.

NOTE: BE VERY CAREFUL DRILLING HOLES ON EMBLEM STRIP SO AS NOT TO DRILL THRU THE CHROME STRIP ON SHELL.



After drilling, place billet grille back into shell from the front. Re-attach the (3) bottom brackets to billet grille. Using the just drilled locations attach the top brackets to shell using #8 x 3/8" phil pan head screw (Emblem Strip). Then attach bottom brackets to shell using #8 x 5/8" Phil pan head screw.

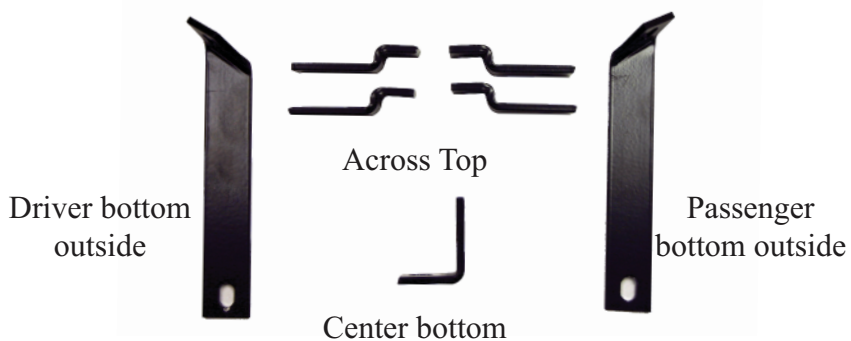
24

Re-install grille shell to vehicle by lining up the (3) clips along the bottom of grille shell & the (2) clips behind the headlights. Then line up the key hole clips across the top of grille shell & pull up on the key hole clip to lock in place. Install is complete.

Top Grille Brackets



Bottom Grille Brackets



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.