



# 2004-05 Dodge Durango Replacement Billet Grille

PART# 42171(Brushed) - 42172(Polished) - 42173(Black) Upper

## HARDWARE

- 4 - Long Brackets
- 6 - Short Brackets
- 14 - 1/4-20 x 3/4" Blk soc cap bolts
- 14 - 1/4-20 nuts
- 2 - #8 x 5/8" Phil pan screw
- 2 - 1/8" square spacers
- 8 - #8 x 3/8" Phil pan screw

After



Before



Open hood, then you need to remove plastic shroud covering core support, by removing or pulling up on the (8) plastic rivets as shown. Then tape under the Headlights using masking tape to protect paint surfaces when installing billet grille.



Next you will be removing the factory grille shell by removing (4) 13mm bolts along top of grille shell as shown.



Next there are (4) plastic push pull rivets that are on the under side of the vehicle. You need to pull out on just the center portion of rivet to release. Picture above is shown from under vehicle.

**NOTE:** The rivet in red SHOULD NOT BE REMOVED these control the depth of grille shell.



Next you will be removing the factory headlights. First remove the (2) (t-30) torx screws from front of the Headlight.



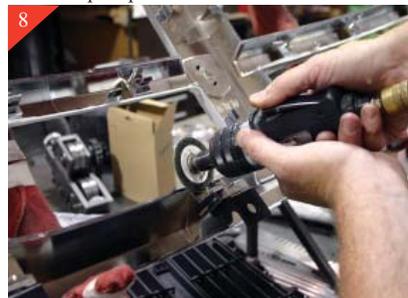
Then remove plastic covers found in wheel well as shown above. Using a flash light locate the 10mm nut and remove. Then in same area locate the white plastic tab, squeeze together to release and Headlight will be free. Then repeat process for the other side of vehicle.



With the Headlights removed you can reach the remaining (4) black tabs holding the grille shell in place. Simply squeeze together to release. Remove grille shell from vehicle.

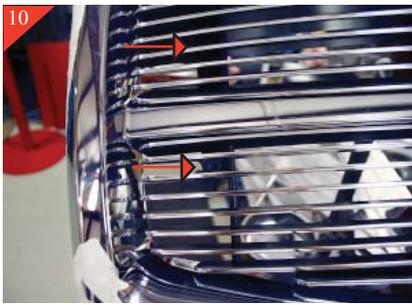


Lay grille shell face down on a protected surface so not to scratch during install. Remove plastic inserts by releasing tabs as shown (12) per side.



Next using a cut-off wheel or hack saw cut the release tabs off to allow for clearance of billet grille. Then using a sanding block or grinder sand all cut areas smooth. (Fig. B shows all cut & grind areas shown in purple.)





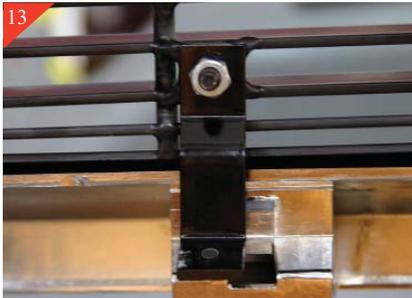
Lay grille shell face up. Then place Billet Grilles into opening & do one side at a time. Using the supplied 1/4-20 x 3/4" black bolts, place the bolt into the mounting hole as shown above.



Then from the backside place the LONG bracket on bolts and then loosely attach bracket using 1/4-20 nuts as shown above. (Fig. 11-B showing bracket attached from the backside.) Repeat this same process using all long brackets to attach middle portion of billet grille.



**NOTE: FOR DETAIL BRACKETS DESCRIPTION & ATTACHMENT SEE ILLUSTRATION AT BOTTOM OF PAGE.**

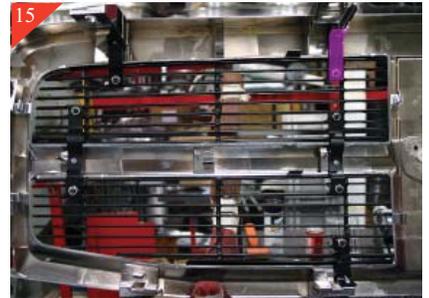


Next loosely attach the remaining brackets to the billet grille mounting tabs as shown above.



Then make sure billet grille is centered and flush with the face of the grille shell. Then using vice grips clamp all the loose brackets in place. Then using a 3/32" drill bit, drill holes in factory shell for mounting. Also you will need to drill for the center holes in the long brackets.

**NOTE: Being very careful as to not drill thru the front of the factory grille shell.**



Next attach brackets using #8 x 3/8" phil pan head screw.

**NOTE: Bracket in purple uses a square 1/8" spacer and attaches with #8 x 5/8" phil pan head screw.**

Then repeat steps 7 thru 15 for the other side of grille.



Next you will be re-attaching the grille shell back to the vehicle. Do so by simply lining up the black plastic tabs with holes and pushing in place. Then attach upper portion of grille shell using the factory 13mm bolts. Next push the plastic rivets in place from under vehicle (REF. Step 3). Then re-install the Headlights by pushing white plastic clip in place and then attaching the 10mm nut and also the 2 torx screws on front of headlights.

**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.

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.

Long Brackets for attaching middle portion of billet grilles.

Short bracket without spacer



Short bracket with spacer

