



2007 Toyota FJ Crusier

InVisi-Lok

After

PART# 43451(Brushed) - 43452(Polished) - 43453(Black) Upper

HARDWARE

- 6 - 10-32 x 1/2"
- 6 - 10-32 Nyloc Nuts



Pictured with optional Bumper Grille Part#43362 & CNC machined Hood insert Part#43992



Remove (2) 10mm bolts that hold stock grille shell in place.



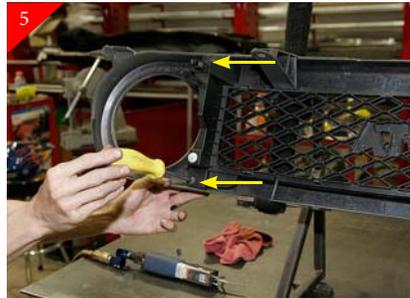
Locate the (2) plastic rivets one on each end of the stock shell shown above and remove.



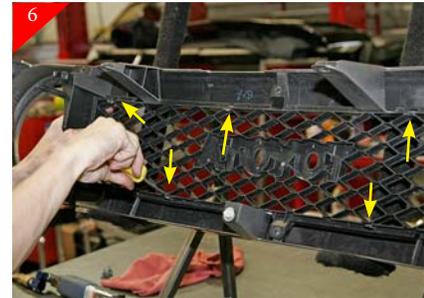
Next locate (2) clips shown above and release using a regular screwdriver to aid in the release. With the top clips released now locate the (3) clips along bottom of stock grille shell and release using the same method as the top.



Stock shell will be free at this point. Remove and lay stock shell face down on a protected work surface.



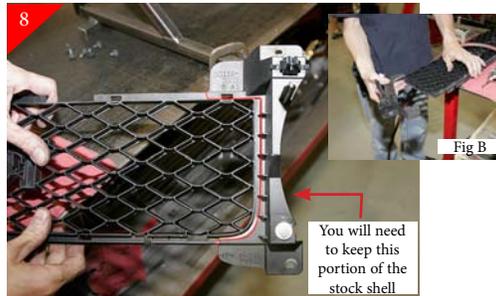
Locate and remove the (6) phillips head screws located on backside of stock grille shell as shown above.



Using a regular screwdriver locate and release (8) plastic clips holding center portion of stock grille shell in place.



Center portion of stock grille shell will be free at this point.



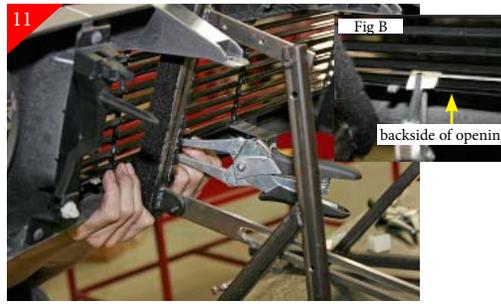
Using a sharpie mark a cut line as shown above in red. Repeat for other side of stock shell. Using a cut-off wheel or other cutting device cut along marked line again repeat for other side of shell. (Fig B) shows after cutting.



Using a sanding block or air sander sand cut areas smooth.



10 After sanding attach both plastic pieces back to stock shell using stock hardware as shown. (Reference step 5).



11 Place billet grille into opening and center. Using a pair of protected vice grips (Using masking tape) lightly clamp into place. Align billet grille using the backside of the stock shell opening as shown in (Fig B).



12 After aligning billet grille mark the (6) mounting locations using a 90° scribe as shown above. After marking remove billet grille from opening.



13 Drill all marked locations using a 3/16" drill bit as shown above.



14 After drilling place billet grille back into opening and center. Attach billet grille using the supplied 10-32 x 1/2 bolts and 10-32 Nyloc nuts. Place supplied bolts thru mounting tabs in billet grille and thru the just drilled locations and attach using the nuts on the underside of the stock shell as shown.



15 Re-attach stock shell to vehicle. Install complete.

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.