



# 2005-07 Toyota Sequoia

After



Part# 43181 (Brushed) 43182 (Polished) 43183 (Black)

Hardware

- 2 - Brackets ∟
- 4 - Brackets ⊓
- 12 - 1/4-20 x 1 Bolts
- 12 - 1/4-20 Nyloc nuts

Before



1 Open hood and remove (2) 10mm bolts that hold stock hood release.



2 Remove (6) 10 mm bolts that surround stock grille shell. Grille shell will be free at this point.



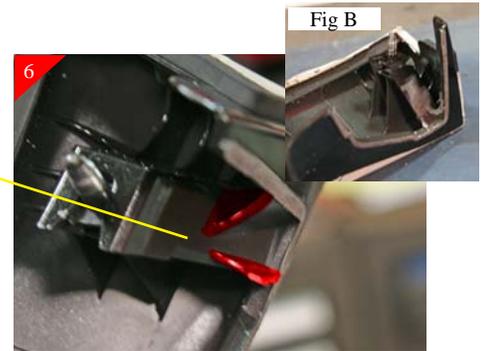
3 Tape the stock grille shell using masking tape to protect during install.



4 (Fig B) shows the completed cutting of the stock shell, you will be using the Top piece only. Cut the vertical fins that connect to the upper portion of stock shell that you will be keeping as shown above. Also go ahead and remove the stock hood release bracket, you will be re-installing a little latter in the install..



5 Sand all cut areas smooth as shown.



6 Shown above in an exploded view of the stock shell (yellow arrow shows location of view). Using a utility knife or die grinder remove the plastic ribs marked in RED. (Fig B) shows ribs removed.



7 Attach brackets to billet grille using the supplied 1/4 - 20 x 3/4 bolts and 1/4 - 20 Nyloc nuts as shown above.



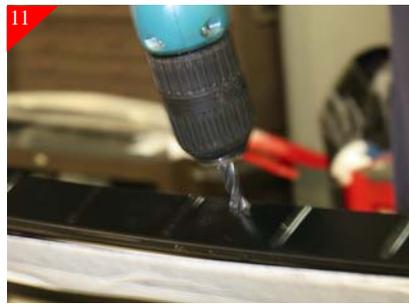
8 Next using the reserved top portion of the stock grille shell place as shown above.



9 Align the brackets with the backside of the stock grille shell. Then using a pair of vice grips clamp in place.



Using a scribe mark the location of the holes in brackets where they meet the stock shell.



After marking holes remove the billet grille from opening. Also remove the brackets from the billet grille. Then drill using a 9/32" drill bit, drill in the just marked areas.



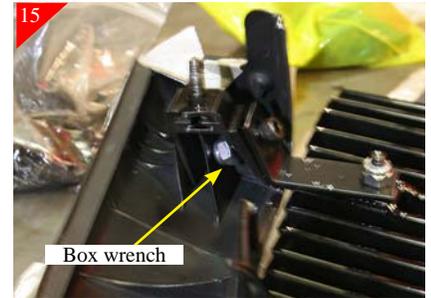
Attach the brackets to the stock grille shell using the supplied 1/4-20 x 3/4" bolts and 1/4-20 Nyloc nuts as shown above.



Place the billet grille back into opening and center. Then attach billet grille to the just attach brackets.



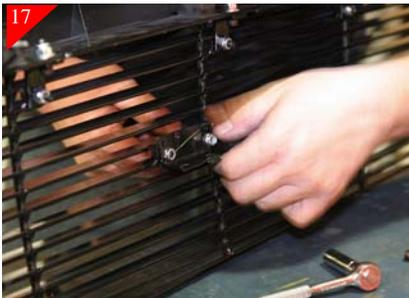
Attach the upper "L" brackets to billet grille and then using a pair of vice grips clamp in place as shown above. Then using a scribe mark the locations and then drill a 9/32" hole in each of the marked locations.



Attach bracket using the supplied 1/4 - 20 x 3/4" bolts and 1/4-20 Nyloc nuts. It will be necessary to use a box wrench to tighten.



Drill a 9/32" hole in the stock hood release brackets to allow for the new bolts to pass thru. Make sure to clamp to a solid work surface before drilling.



Attach hood release bracket to billet grille using the supplied 1/4-20 x 1/4" bolts and 1/4-20 Nyloc nuts as shown above.



Now re-install shell back on vehicle using the (6) 10 mm. Stock mounting nuts. Also attach hood release using stock mounting bolts. (Ref. Steps 1 & 2) for re-attachment.

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.