



# Toyota Camry

(All Models)

**PART# 44231 (Brushed) 44232 - (Polished) 44233 - (Black) Upper**

After



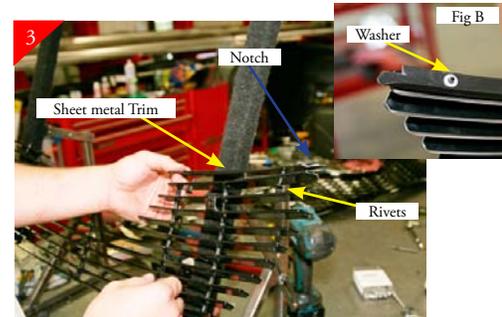
- 1 - Rubber Trim
- 2 - Sheet Metal Trim
- 2 - Sheet Metal Surround Trim
- 1 - Upper Center Bracket (Logo Area)
- 2 - Lower "L" Brackets
- 2 - Lower Pinch Brackets
- 2 - Upper Bracket
- 4 - Small Washer
- 4 - OEM Style Rivets
- 2 - Fender Clips
- 2 - 10-24 x 1" Phillips head bolts
- 7 - 10-24 x 5/8" Phillips head bolts
- 13 - 10-24 Nyloc Nuts



1 Tape front end of vehicle using masking tape to protect during install.



2 First you will be attaching sheet metal trim across top of billet grille. Starting on the right side of the billet grille, place supplied OEM style rivets up thru mounting holes as shown. Using a pair of needle nose pliers will aid in the placement of rivets.



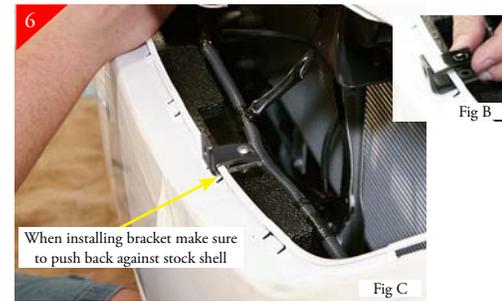
3 Place billet grille on protective work surface face down. Next place the supplied trim on top of billet grille as shown. Make sure that the notch is facing the of billet grille. Allow rivets to go thru mounting holes in trim piece. Next place supplied washers as shown (Fig. B).



4 Fasten sheet metal trim by using a large pair of channel locks as shown. Try and catch the washer with channel locks so it holds in place with securing rivets. (Fig B) shows attached trim.



5 Next you will be removing the center portion of stock shell. Do so by releasing the clips that surround grille shell. Using a regular screwdriver and pushing slightly from the backside will aid in the release of the clips. Take time in releasing clips so as not to scratch painted surface. Continue working around the outside of stock grille shell releasing clips until center is free (Fig B). There are 22 clips total.



6 Place the Long end on the "L" bracket into the slotted opening in stock shell 2<sup>nd</sup> one from the outside as shown. Then place pinch bracket on top (Fig B). Attach pinch bracket using the supplied 10-24 x 5/8" bolts and 10-24 nyloc nuts and tighten. Bracket attached (Fig C).



7 Locate the supplied surround trim pieces (left & right). Place surround trim as shown with notch going up in the top corner of stock grille shell as shown (Fig B). The mounting studs go thru holes where stock clips fastened.



8 Attach surround trim by using the supplied 10-24 Nyloc nuts as shown without over tightening.



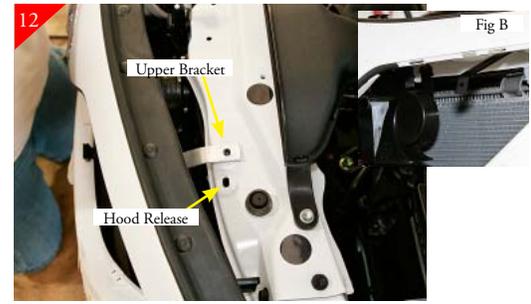
9 Next you will be attaching the supplied rubber molding. Start by test fitting the rubber by centering the rubber around logo area of opening. This to get an idea as to where the rubber needs to be. Then peel the adhesive backing off and starting on one end of the rubber attach and slowly work your way around emblem area without pulling or stretching the rubber molding (Fig B) let it naturally follow contour of the logo area.



Using a pair of straight cut dykes or cutters, cut the inner most slot as shown above. This will allow for clearance for the already placed rivets. So the billet grille will be able to slide into place.



Release the hood release cable by using a regular screwdriver and push clip out of hole. This is just to move the cable out of the way for installing the upper brackets.



Located directly next to the hood release cable that you just released. You will be mounting the upper brackets to these locations. Do so by placing a supplied fender clip on the under side of the core support and attach bracket using the supplied #8 x 1" screws. (Fig B) view from the front of vehicle.



Place billet grille into opening and center. Attach billet grille by using the supplied #10-24 x 5/8" bolts and 10-24 nyloc nuts attach to the already placed upper and lower brackets. Do so by reaching down behind the stock grille shell and tighten.



After Attaching billet grille you will need to attach the center bracket that helps align the logo area of stock shell with billet grille. Do so by attaching supplied bracket to mounting tab located in middle of the billet grille. Attach using 10-24 x 5/8" bolt and 10-24 Nyloc nut and tighten as shown. After attaching bracket remove adhesive cover and tape.

#### 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.