

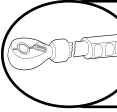
Fits: 2010 - 2013 Toyota 4Runner



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



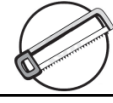
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTEN BODY MOUNT NUTS & BOLTS VARIES FROM 45 TO 65 FOOT POUND.



30-60 min



Cutting Required



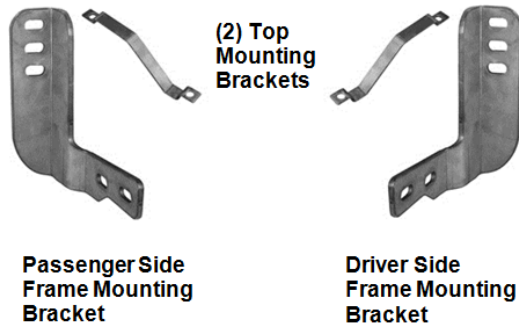
Drilling Not Required



POLISHED STAINLESS STEEL - LIMITED LIFETIME
POWDER COATED BLACK - 3 YEARS

PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Driver/Left Frame Mounting Bracket	4	12mm Hex Nuts
1	Passenger/Right Frame Mounting Bracket	2	8-1.25mm x 30mm Button Head Bolts
2	Top Mounting Brackets	2	8-1.25mm x 30mm Hex Bolts
4	12-1.75mm x 30mm Hex Bolts	6	8mm x 24mm OD x 2mm Flat Washers
8	12mm ID x 24mm OD x 2.5mm Flat Washers	2	8mm x 16mm OD x 1.6mm Flat Washers
4	12mm Lock Washers	4	8mm Nylon Lock Nuts
		1	50mm x 200mm Adhesive Backed Foam Tape



INSTALLATION PROCEDURE

- Remove the driver side and passenger side plastic splash guards and place them on a clean, stable work area, **(Figure 1)**. To make reinstallation easier, note the type and location of all factory fasteners. The plastic center splash guard may also be removed for better access to hardware if necessary. **IMPORTANT:** As an added precaution, apply a layer of masking tape to the openings in the bumper to protect the painted finish during bracket installation, **(Figure 2)**.



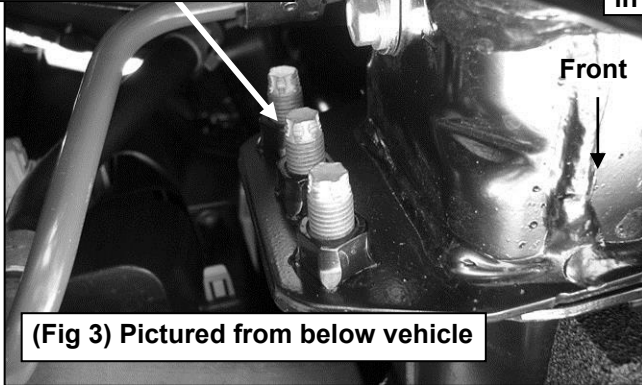
(Fig 1) Viewed from under vehicle



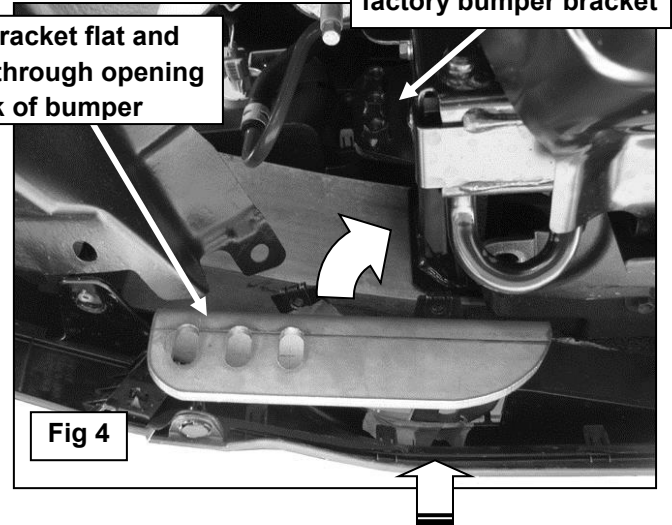
(Fig 2) Viewed from behind bumper

- Starting on the driver side, remove the (3) factory bumper mount bolts located toward the outside of the bumper mount, **(Figure 3)**. Select the driver side frame mounting bracket and hold it in a horizontal position, **(Figure 4)**. Insert the mounting tab on the Bracket into the back of the grille opening and rotate the Mounting Bracket up to the bumper bolts. Line up the (3) slots in the Mounting Bracket with the (3) bolt locations for the factory bumper bracket. Secure the Frame Mounting Bracket to the factory bumper bracket using the (3) factory bolts removed earlier, **(Figure 5)**. Snug but do not tighten hardware at this time. Repeat this Step for passenger side Frame Mounting Bracket installation.

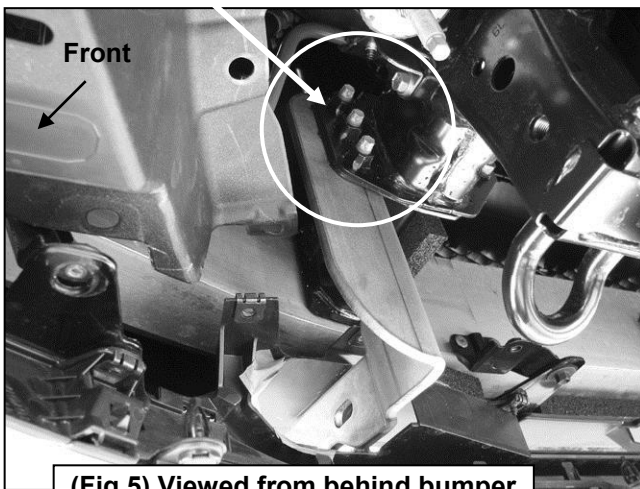
Remove (3) factory bumper bracket bolts (outer bolts only)



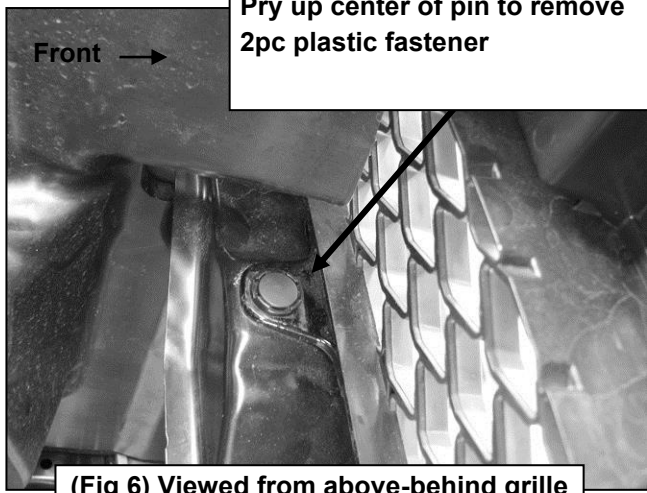
Hold Bracket flat and insert through opening in back of bumper



Line up Bracket and bolt to bumper bracket with (3) factory hex bolts



- Next, open the hood and remove the plastic cover between the top of the radiator and the grille. **NOTE:** Pay close attention to the type and location of all factory hardware for easier reinstallation.
- Select (2) Top Brackets and apply the Adhesive Backed Foam Tape to the underside (side facing the bumper) to prevent damage to the bumper cover during installation. **NOTE:** Cut Foam Tape to fit and only apply to areas that may come in contact with bumper cover, **(Figure 8)**.
- Remove the (2) plastic clips securing the bottom of the grille insert to the crossmember, **(Figure 6 & 7)**. Select (1) Top Bracket and from behind the grille, insert the Bracket through the opening in the grille insert, **(Figure 8)**. Line up the hole in the Top Bracket with the tab on the crossmember and secure with (1) 8mm x 30mm Hex Bolt, (2) 8mm x 24mm x 2mm Flat Washers and (1) 8mm Nylon Lock Nut, **(Figure 9)**. Leave hardware loose. Repeat this step for passenger side Top Bracket installation.



(Fig 6) Viewed from above-behind grille

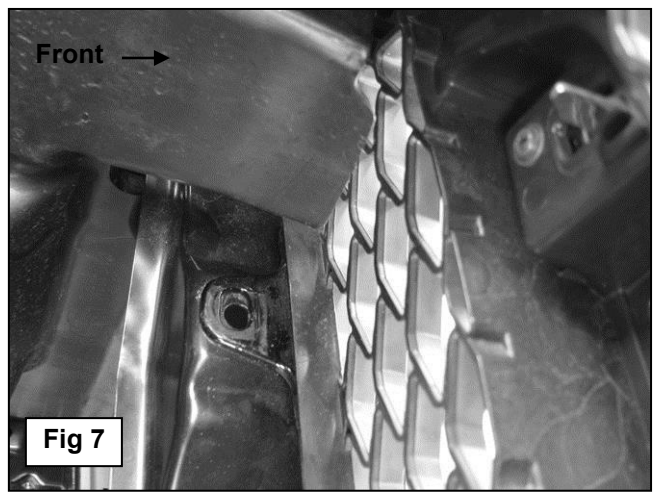
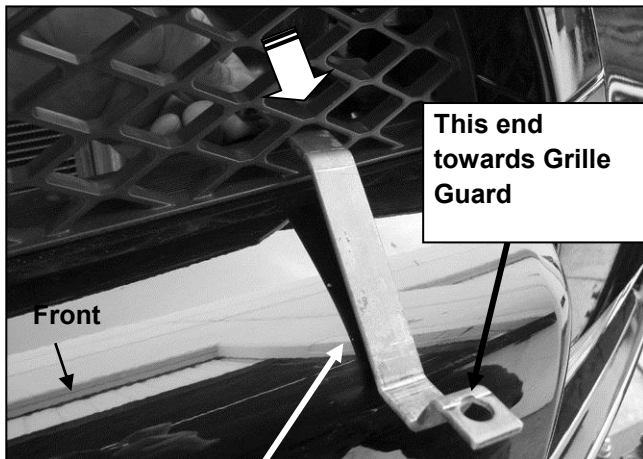


Fig 7



(Fig 8) Apply Adhesive Backed Foam Tape to the back of the Top Brackets to prevent damage during install

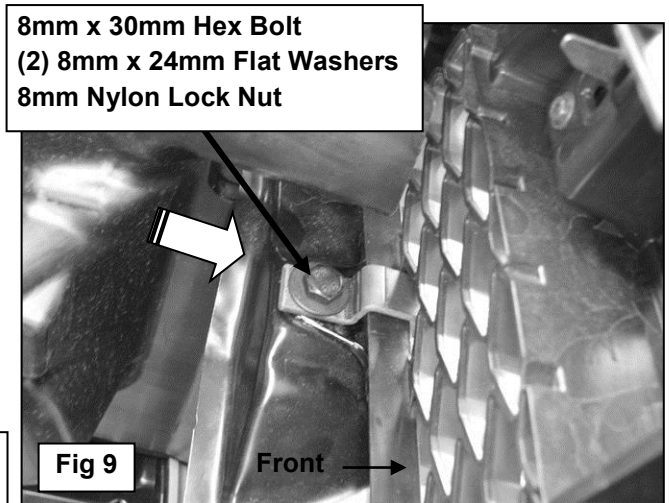


Fig 9

- With assistance, line up the bottom mounting tabs on the Grille Guard with the (2) previously installed Frame Mounting Brackets. Bolt the Grille Guard to the Frame Mounting Brackets with the included (4) 12mm x 30mm Hex Bolts, (8) 12mm Flat Washers, (4) 12mm Lock Washers and (4) 12mm Hex Nuts, **(Figure 10)**. Do not tighten hardware at this time.

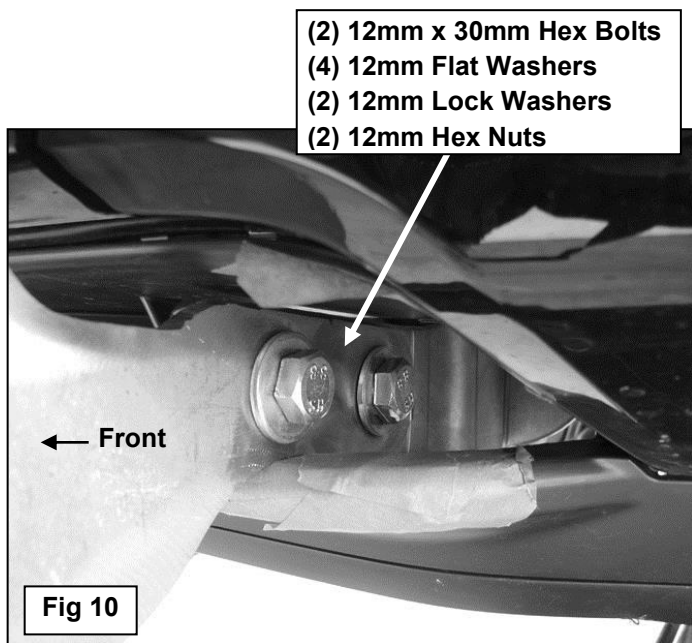


Fig 10

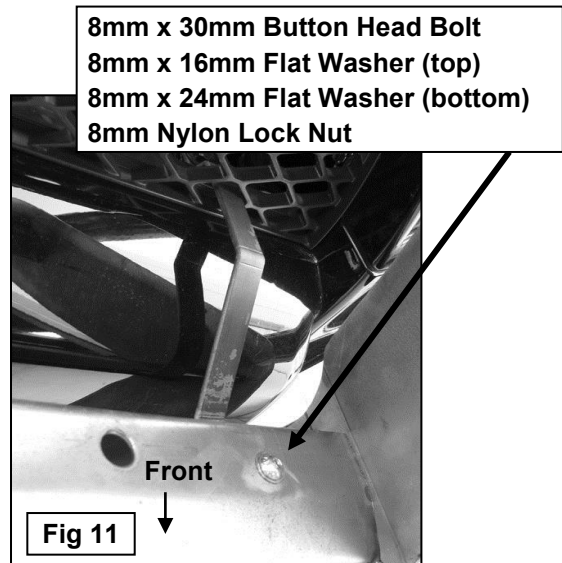
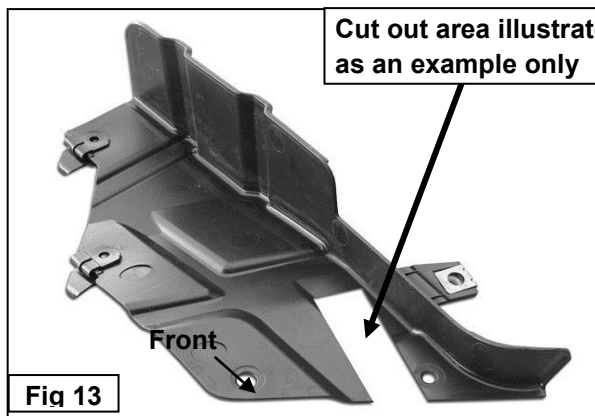


Fig 11

7. Push the Grille Guard back toward the vehicle and line up the (2) Top Mounting Brackets with the holes in the crossbar. **NOTE:** The Top Mounting Brackets bolt to the bottom of the crossbar on the Grille Guard. Loosen or remove the previously installed (2) 8mm Hex Bolts if necessary to move the Top Brackets into the proper position. Once lined up, attach the Top Brackets to the bottom of the crossbar on the Grille Guard with the included (2) 8mm Button Head Bolts, (2) 8mm x 16mm Small Flat Washers (top), (2) 8mm x 24mm Flat Washers (bottom) and (2) 8mm Nylon Lock Nuts, **(Figure 11)**. Do not tighten hardware at this time.
8. Level and adjust the Grille Guard properly and tighten all hardware. **IMPORTANT:** Do not over-tighten the (2) 8mm Hex Bolts attaching the Top Mounting Brackets to the grille insert and crossmember or you may damage the plastic grille insert.
9. Reinstall the plastic center splash guard using the factory hardware.
10. Select the driver side plastic splash guard and hold it up in position against the Frame Mounting Bracket, **(Figure 1 & 12)**. Mark the area that needs to be removed from the splash guard to clear the Mounting Bracket. Check the location carefully and cut only the minimum amount of plastic from the splash guard to clear the Bracket, **(Figure 13)**. Once the slot has been checked for clearance, reinstall the splash guard with the factory hardware. Repeat this step to reinstall the passenger side splash guard.



PRODUCT CARE

Periodically check the product to ensure all fasteners are tight and components are intact.

Regular waxing is recommended to protect the finish of the product.

Use ONLY Non-Abrasive automotive wax. Use of any soap, polish or wax that contains an abrasive is detrimental and can scratch the finish leading to corrosion.

Aluminum polish may be used to polish small scratches and scuffs for **Stainless Steel finish.**

Mild soap may be used to clean the product for both **Stainless Steel and Black finish.**

FAQ's

1. Hardware's are not of correct size.

In GMC / Chevrolet truck model 2006 & up, customer needs to reuse the factory body bolts to install the bracket. If your vehicle is not GMC / Chevrolet 2006 & up, ensure that holes are not partially covered with any plastic grommet or rust? If it is, remove the plastic grommet & rust from the thread holes & re-try the installation.

2. **Mounting Bracket are not getting Installed properly.**

In some cases Illustration images shown in Installation manual may not be the exactly same as per actual vehicle images ,also if Driver / Passenger side mounting brackets are very identical in the design, suggest referring Parts Identification guide to avoid fitment issue.

3. **Products are thumping / rattling after installation.**

Ensure that all required mounting brackets / hardware's are installed & tight en correctly. Suggest using white lithium / regular grease between the metal to metal contact surfaces.

4. **Side Bar is not aligning with vehicle / Step Pads are not aligning with vehicle doors.**

Side bar may be interchanged or mounting brackets are not installed at the correct position in the vehicle. Refer Parts identification guide.

5. **Missing / Excess Hardware.**

Recheck hardware count as per the part list.

6. **Product not installing properly.**

Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.