



Assembly, Installation, Operation and
Maintenance Instructions
Extreme Grille Guard

Part Number:
E0519T

60 - 180 minutes

Dealer / Installer: Provide a copy of these instructions to the end user of this product. These instructions provide important operating and safety information for proper usage of this product. Demonstrate the proper use of the product with the end user. Have the end user demonstrate that they understand the proper use of the product.

End User: Read and follow all instructions included in this manual. Ask your Dealer / Installer for assistance if you do not understand the proper use of the product. Never remove any decals from the product. Failure to follow these instructions can result in injury or death.

⚠ **WARNING** ⚠

APPLICATION: 2016-Current

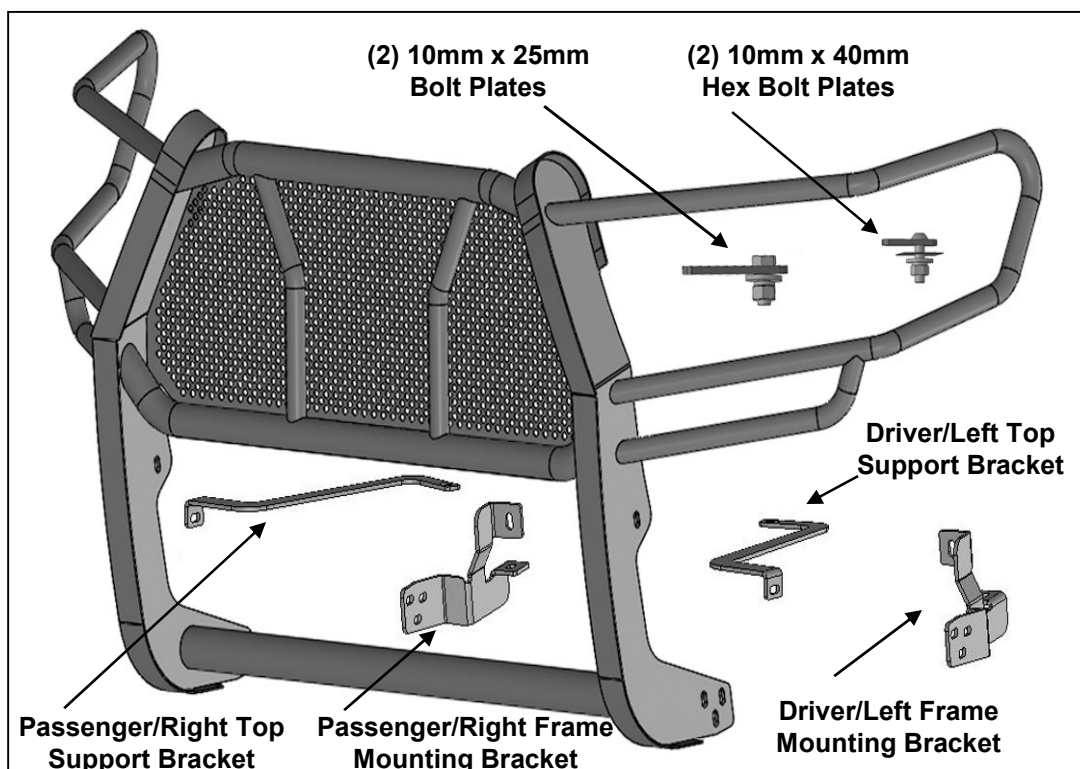
TOYOTA TACOMA

PARTS LIST

Qty	Part Description	Qty	Part Description
1	Extreme HD Grille Guard	2	10mm Plastic Retainers
1	Driver/Left Mounting Bracket	6	10-1.5mm x 35mm Hex Bolts
1	Passenger/Right Mounting Bracket	2	10-1.5mm x 35mm Button Head Bolts
1	Driver/Left Top Bracket	20	10mm x 27mm OD x 3mm Flat Washers
1	Passenger/Right Top Bracket	12	10mm Lock Washers
2	10mm x 40mm Hex Bolt Plate	12	10mm Hex Nuts
2	10mm x 25mm Hex Bolt Plate	1	Allen Wrench

TORQUE SPECIFICATION

Size	Torque
10 MM	34.5 ft/lbs



INSTALLATION PROCEDURE:

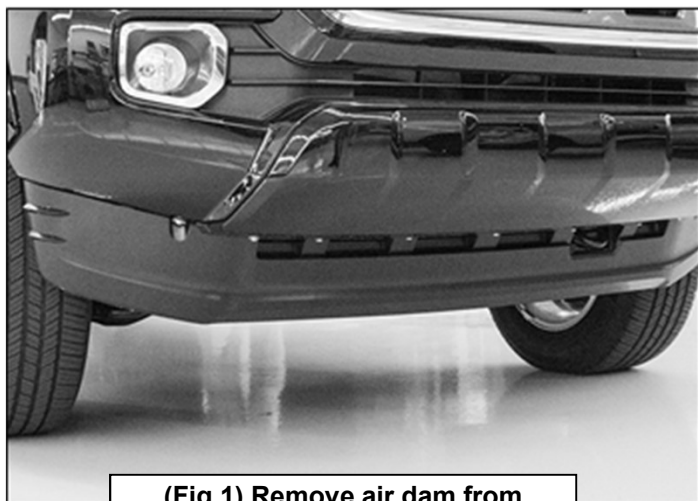
REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY. CUTTING IS REQUIRED. ASSISTANCE IS RECOMMENDED.

1. From under the front of the vehicle, remove the plastic front lower air dam, (Figure 1). Next, remove the passenger side factory hex bolt on the bottom of the frame cross-member, (Figure 2).
2. Select (1) 10mm x 40mm Bolt Plate and Plastic Retainer, (Figure 3). Partially thread the Plastic Retainer onto the Bolt Plate. Insert the Bolt Plate into the large hole in the forward facing end of the frame. Thread the Plastic Retainer down tight against the frame, (Figure 4). NOTE: The Plastic Retainer is designed to hold the Bolt Plate in place during Bracket installation.
3. Select the passenger side Frame Mounting Bracket. Attach the top tab on the Bracket to the Bolt Plate with (1) 10mm Flat Washer, (1) 10mm Lock Washer and (1) 10mm Hex Nut, (Figure 5). Leave loose at this time. Reuse the factory hex bolt removed in Step 2 to attach lower mounting tab on the Bracket to the threaded hole in the bottom of the cross-member. Snug but do not fully tighten hardware.
4. Repeat Steps 2—4 for driver side Frame Mounting Bracket installation, (Figure 6).
5. Open the hood on the vehicle and remove the plastic cover between the top of the radiator and the grille. Locate the steel cross-member mid-way up in front of the radiator, (Figure 7). Cross-member can also be viewed and accessed from below the vehicle, (Figure 8). Locate the factory holes in the bottom of the cross-member at each end, (Figure 8). Select (1) 10mm x 25mm Bolt Plate, (Figure 9). Insert the Bolt Plate through the back of the cross-member and down through the hole in the bottom of the cross-member, (Figures 10 & 11).
6. Slide the passenger side Top Bracket through the plastic grille opening. Attach the flat end of the Top Bracket to the Bolt Plate with the included (1) 10mm Flat Washer, (1) 10mm Lock Washer and (1) 10mm Hex Nut, (Figures 12 & 13). Do not tighten hardware at this time.
7. Repeat Steps 6 & 7 for driver side Top Bracket installation.
8. With assistance, position the Grille Guard onto the outside of the Mounting Brackets. Use the included (6) 10mm x 35mm Hex Bolts, (12) 10mm Flat Washers, (6) 10mm Lock Washers and (6) 10mm Hex Nuts to attach the Grille Guard to the Mounting Brackets, (Figure 14).
9. Line up the bent end of the passenger side Top Bracket with the corresponding hole in the upright on the Grille Guard. Bolt the Top Bracket to the Grille Guard with the included (1) 10mm x 35mm Button Head Bolt, (2) 10mm Flat Washers, (1) 10mm Lock Washer and (1) 10mm Hex Nut, (Figure 16). Do not tighten hardware. Repeat this Step to attach the driver side Top Bracket to the Grille Guard.
10. Align the Grille Guard properly and tighten all Frame Bracket to frame hardware only. Temporarily remove the Grille Guard.
11. Hold the air dam, (removed in Step 2), up in approximate location against the previously installed Frame Brackets. Trace the location of the Frame Brackets onto the back of the air dam, (Figure 15). Use a sharp knife or hacksaw blade to carefully cut slots out of the air dam to clear the Frame Brackets and Grille Guard. IMPORTANT: For best results, start with a small opening and cut as little as possible to clear the Brackets. Reinstall the air dam over the Brackets. Reinstall the Grille Guard and fully tighten all hardware.
12. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

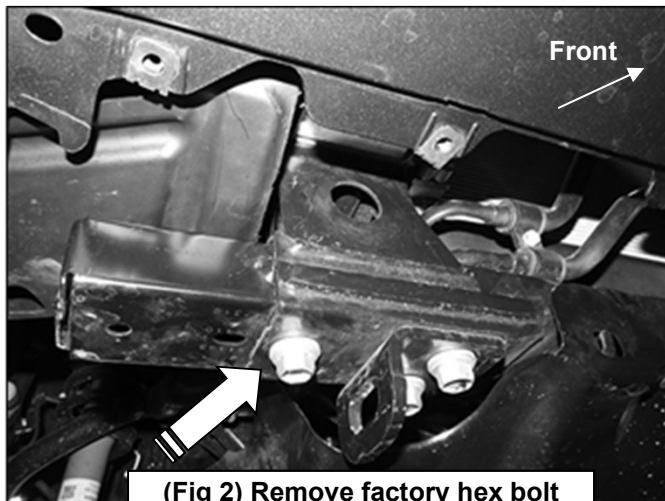
To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish. Mild soap may be used to clean the Grille Guard.

INSTALLATION IMAGES:

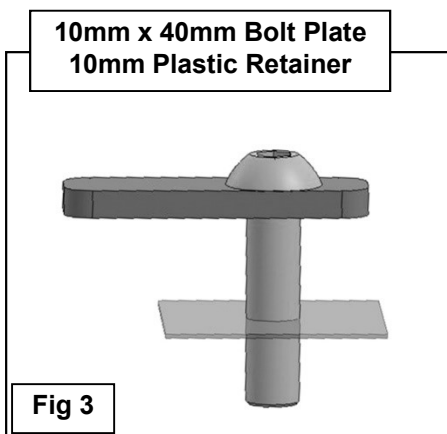
Passenger Side Installation Pictured



(Fig 1) Remove air dam from bottom of bumper

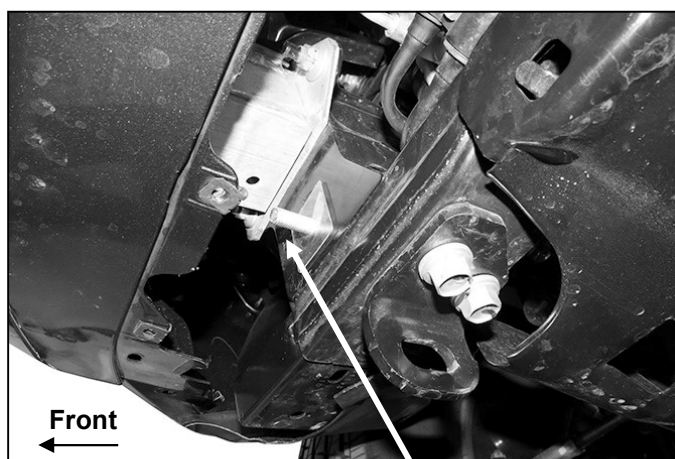


(Fig 2) Remove factory hex bolt (arrow)

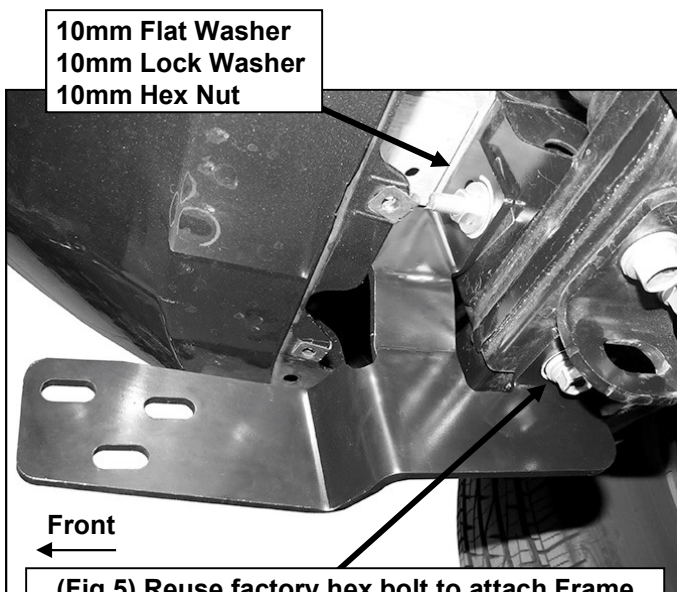


10mm x 40mm Bolt Plate
10mm Plastic Retainer

Fig 3



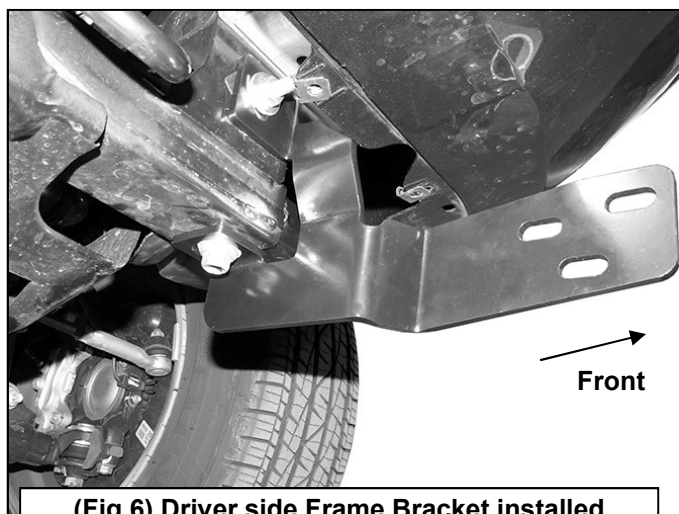
(Fig 4) Insert Bolt plate into factory hole in end of frame. Tighten Retainer to hold Bolt Plate in place 12mm Nylon Lock Nut



10mm Flat Washer
10mm Lock Washer
10mm Hex Nut

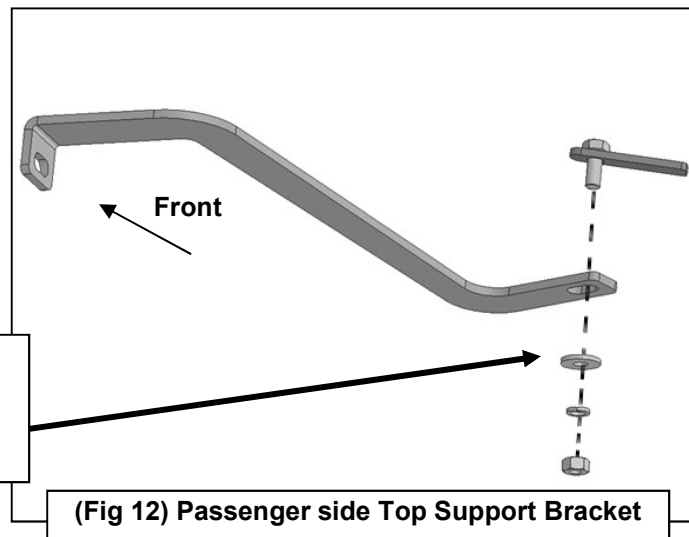
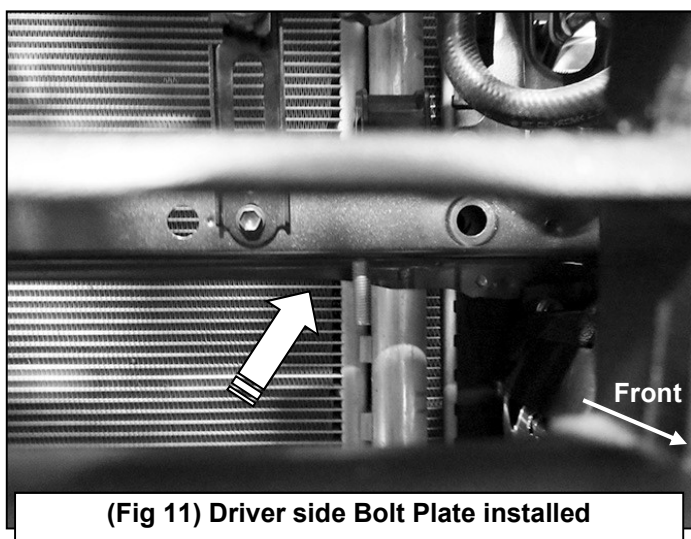
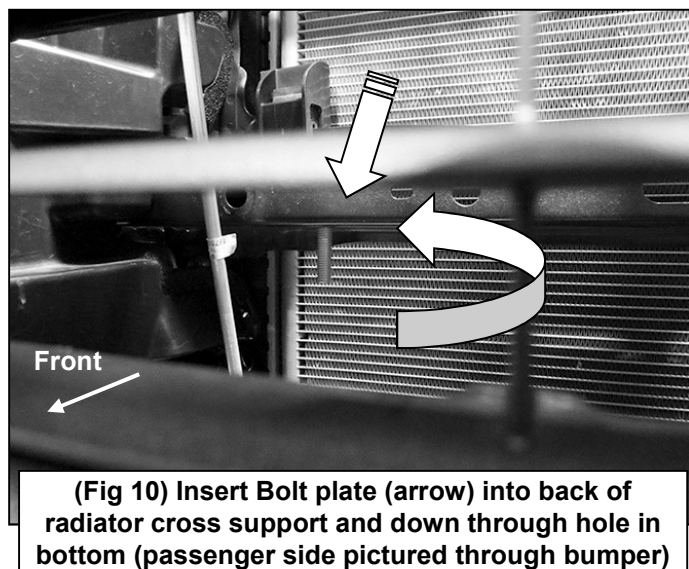
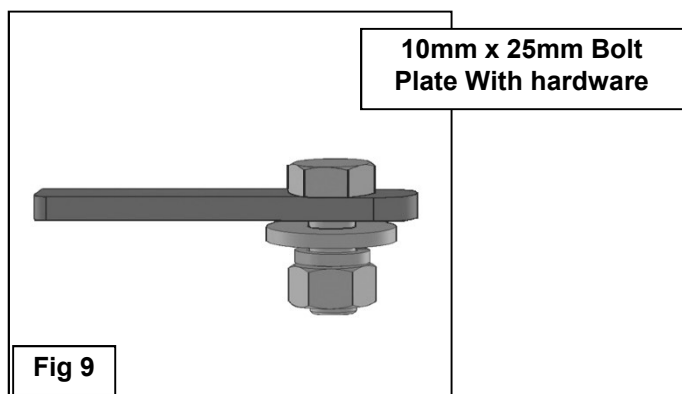
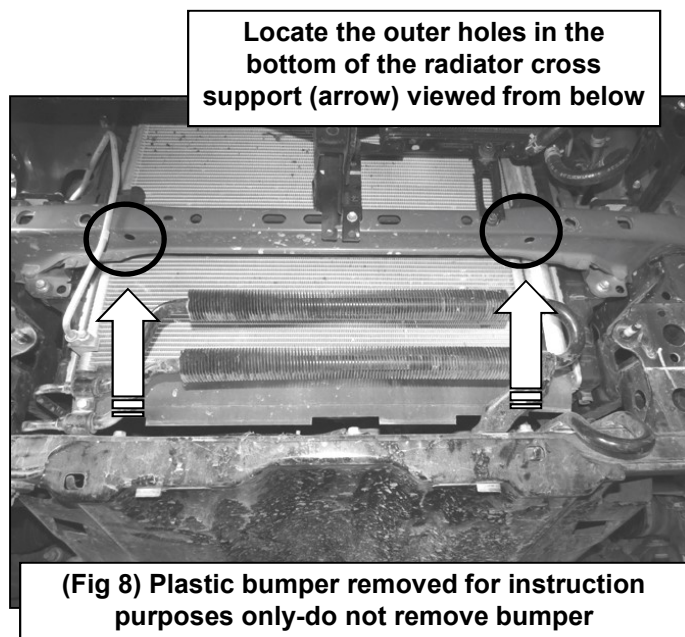
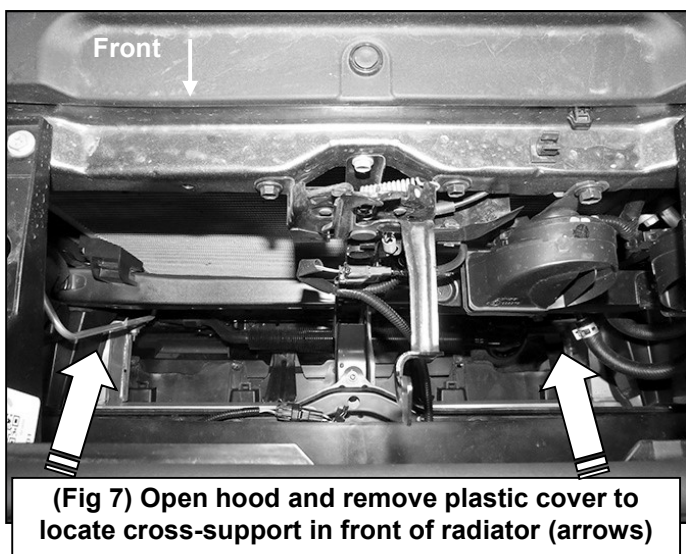
Front

(Fig 5) Reuse factory hex bolt to attach Frame Bracket to bottom of cross-member

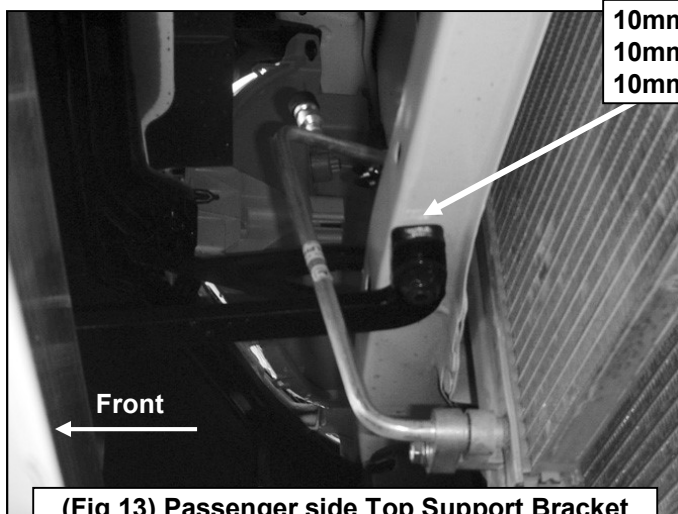


Front

(Fig 6) Driver side Frame Bracket installed

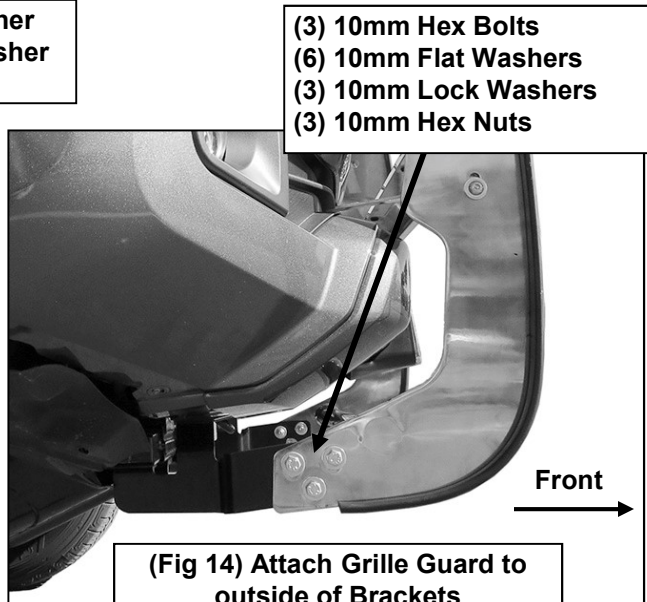


10mm x 25mm Bolt Plate
10mm Flat Washer
10mm Lock Washer
10mm Hex Nut



10mm Flat Washer
10mm Lock Washer
10mm Hex Nut

(Fig 13) Passenger side Top Support Bracket installed-pictured from below bumper

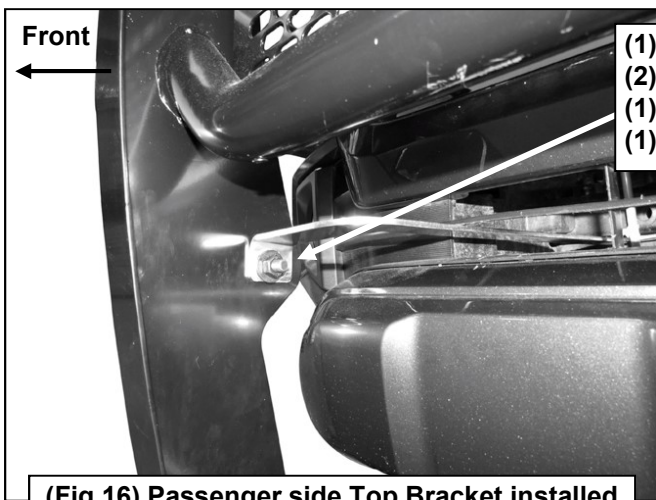


(3) 10mm Hex Bolts
(6) 10mm Flat Washers
(3) 10mm Lock Washers
(3) 10mm Hex Nuts

(Fig 14) Attach Grille Guard to outside of Brackets



(Fig 15) Use removable tape (masking tape) or a marker to mark location of Frame Brackets onto back of air dam (arrows). Carefully cut small openings with a sharp knife or hacksaw blade.



(1) 10mm Button Head Bolt
(2) 10mm Flat Washers
(1) 10mm Lock Washer
(1) 10mm Hex Nut

(Fig 16) Passenger side Top Bracket installed

Complete Installation



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.
- Mild soap may be used to clean the product.

FAQ's

1. Hardware and mounting brackets are not aligning properly

Ensure that hardware is being used on the correct side of vehicle. In some cases, the hardware may appear the same for driver and passenger side but may alter the alignment of mounting location. Check mounting brackets for both sides.

2. Products are thumping / rattling after Installation

Ensure that all required mounting brackets / hardware's are installed & tightened correctly.

Suggest using white Lithium / regular grease between metal-to-metal contact.

3. Missing / Excess Hardware

Recheck hardware count as per the part list.

4. Product not installing properly

Ensure the Year / Make / Model as well as cab and bed dimensions are correct for the application. Review all steps for installation to ensure they were followed correctly.

5. Who should be contacted for questions regarding product / installation assistance?

www.trailfx.com / support@trailfx.com or 1-(866) 638-4870

Warranty Terms:

3 Year Limited Warranty:

TrailFX and Keystone Automotive Operations Inc. make no guarantees or warranties for products not manufactured by Keystone Automotive Operations Inc. Such products are covered solely under any applicable warranty of the manufacturer. It is always recommended that the operating instructions and warranty instructions provided by the manufacturer are followed.

Keystone Automotive Operations Inc. warrants its products to be free from manufacturing and material defects to the original purchaser for the length of warranty stated above from the date of retail purchase. If any products are found to have a manufacturing or material defect, the product will be replaced or repaired at the option of TrailFX and Keystone Automotive Operations Inc. with proof of purchase by the original purchaser. The original purchaser shall pay all transportation and shipping costs associated with the return of the defective product and the defective product shall become the property of Keystone Automotive Operations Inc.

The Warranty applies to Keystone Automotive Operations Inc. products used for individual and recreational purposes. Commercial usage of the Keystone Automotive Operations Inc. products limits the warranty to 90-days from date of purchase.

The Warranty applies only to Keystone Automotive Operations Inc. products which are found to be defective in manufacturing or material. This warranty does not apply to normal wear and tear of the finish placed on Keystone Automotive Operations Inc. products.

TrailFX and Keystone Automotive Operations Inc. are not responsible for any labor costs incurred for removal or replacement of the defective product.

TrailFX and Keystone Automotive Operations Inc. are not responsible for repair or replacement of any product under the limited warranty where the product was improperly installed, misapplied, altered, abused, neglected, overloaded, misused or damaged as a result of an accident, including any use of the product not in accordance with all product operating and safety instructions.

Without limiting the generality of the foregoing, TrailFX and Keystone Automotive Operations Inc. shall under no circumstances be liable for any incidental or consequential loss or damage whatsoever arising out of, or in any way relating to any such breach of warranty or claimed defect in, or non-performance of the products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

This limited warranty gives you specific legal rights, and you may also have other rights that vary from state to state.