STANDARD GRILLE GUARD

Assembly, Installation, Operation, and Maintenance Instructions

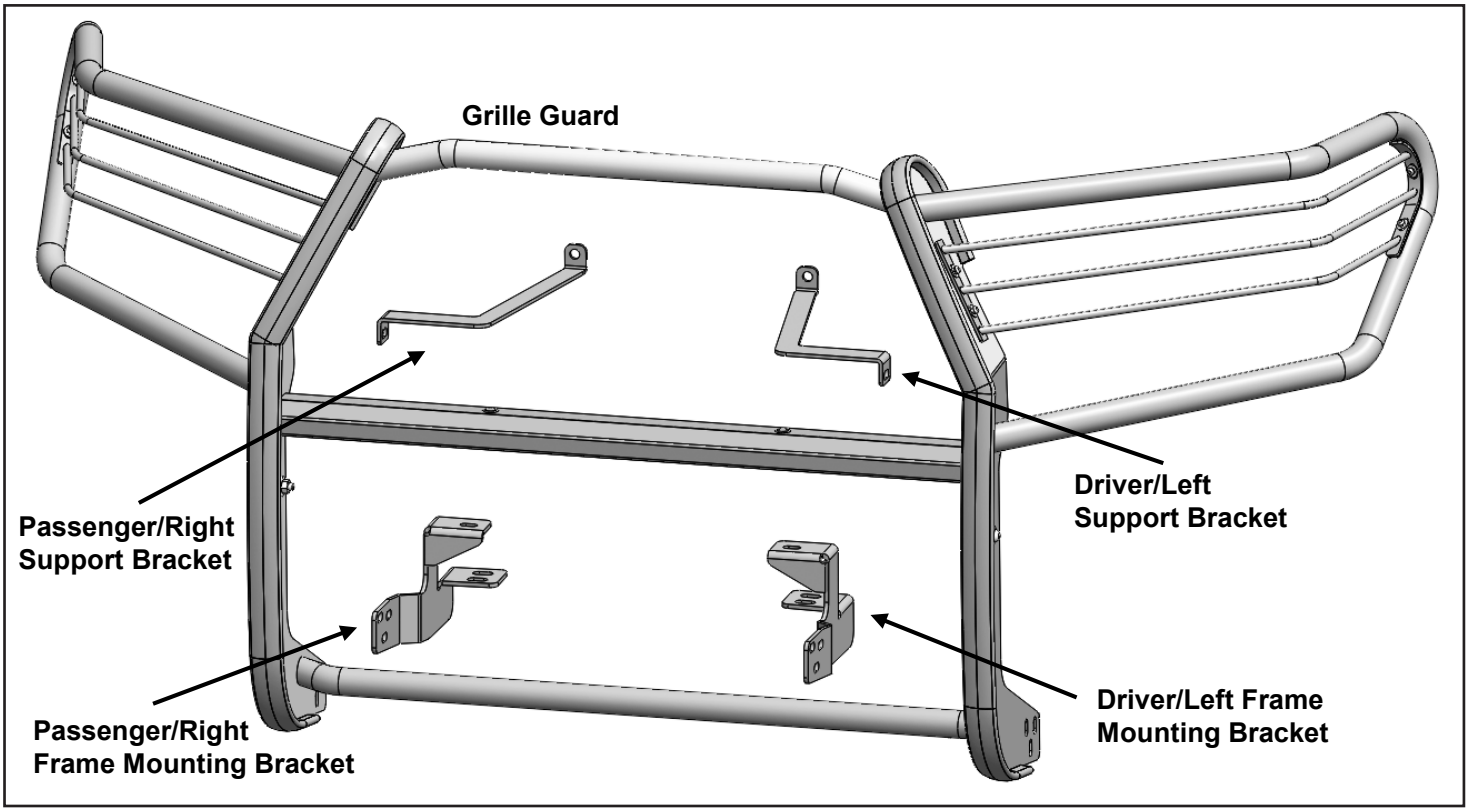
PART NUMBER	E0046S/T
INSTALL TIME	120 MINUTES

2024+ TOYOTA TACOMA

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.

PACKAGE CONTENTS

GRILLE GUARD	1	10-1.5mm X 35mm HEX BOLTS	6
DRIVER/LEFT MOUNTING BRACKET	1	10mm X 27mm OD X 3mm FLAT WASHERS	18
PASSENGER/RIGHT MOUNTING BRACKET	1	10mm HEX NUTS	10
DRIVER/LEFT SUPPORT BRACKET	1	10-1.5mm X 35mm BOLT PLATES	2
PASSENGER/RIGHT SUPPORT BRACKET	1	PVC PLASTIC RETAINERS	2
10mm LOCK WASHERS	10	10-1.5mm X 35mm BUTTON HEAD BOLTS	2



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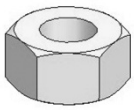
Button Head Bolt

Hex Bolt



Hex Nut

Flat Washer

Lock Washer

TOOLS REQUIRED

Rachet

15mm Socket

Extensions

Wrench

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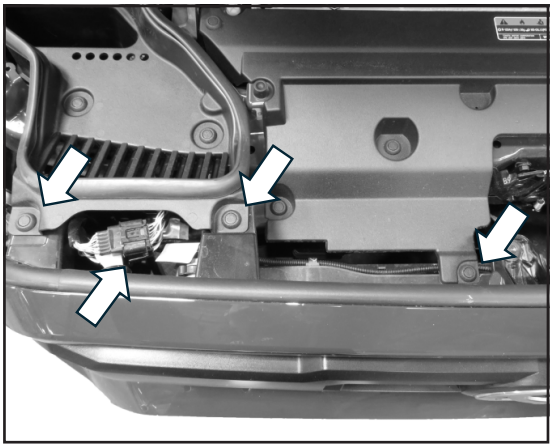
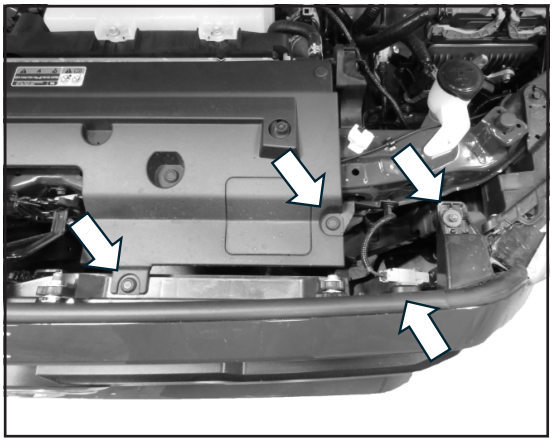
PROCEDURE

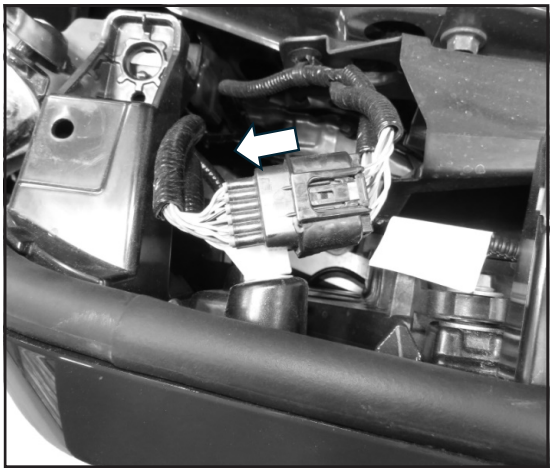
Follow **(Figures 1-7)** to remove front clip from vehicle, then remove shutter veins. After, replace front clip to vehicle.



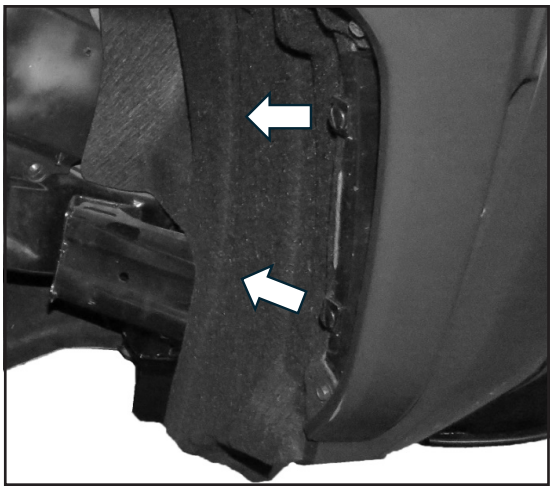
(Figure 1a) Remove hardware holding front clip to vehicle.



(Figure 1b) Remove hardware holding front clip to vehicle.

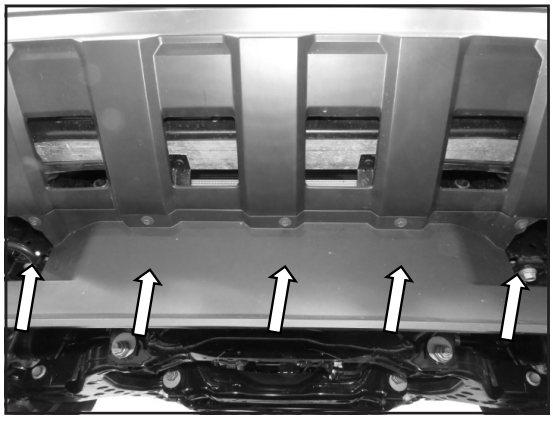


(Figure 2) Unplug wire harness.



(Figure 3) Remove clips and peel wheel well liner from vehicle.

(Figure 4) Remove hardware on side of vehicle to remove front clip.



(Figure 5) Remove bolts from underneath bumper.

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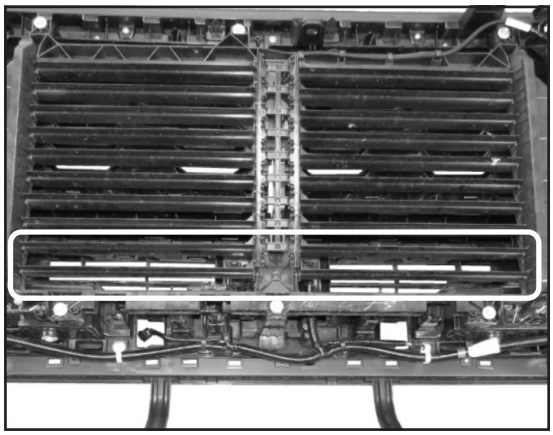
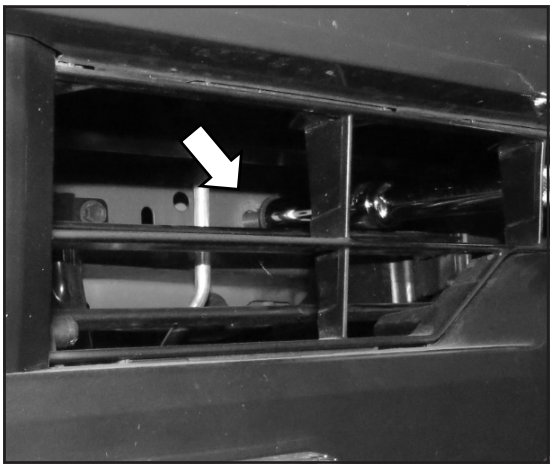
PROCEDURE (CONTINUED)

(Figure 6) Pull Bumper from sides and forward to detach from vehicle.

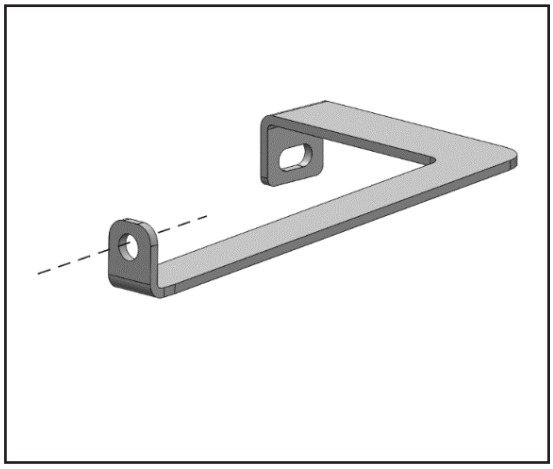


(Figure 7) Remove bottom two shutter veins from front clip, then reattach front clip to vehicle.

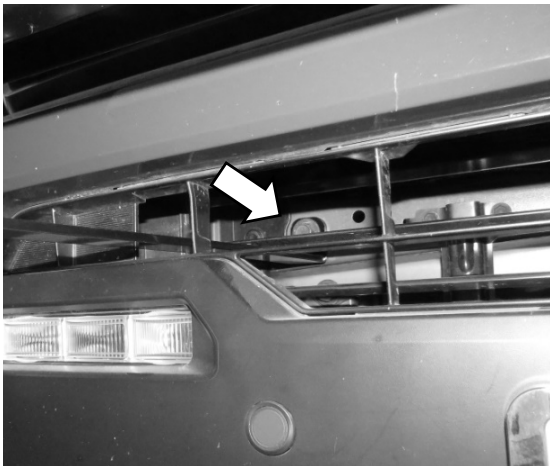
Follow **(Figures 8-19)** to attach Support and Frame Mounting Brackets, the attach Grille Guard to Brackets. Complete each step on both Passenger and Driver side. Ensure all hardware is hand tightened at this point.



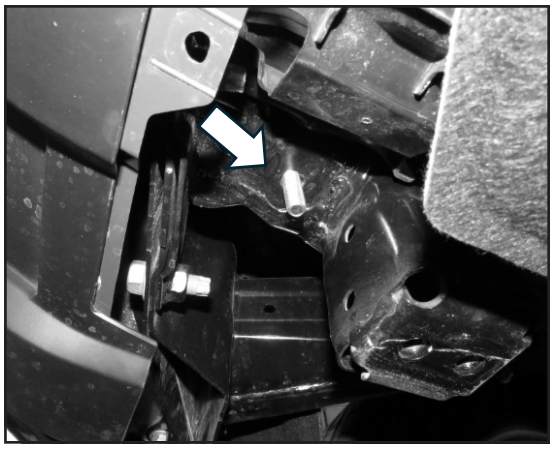
(Figure 8) Remove hardware from behind Grille.



(Figure 9) Attach Support Bracket reusing hardware.



(Figure 10) Attached Support Bracket.



(Figure 11) Place Bolt Plate in upper Frame Mounting Bracket mounting point.

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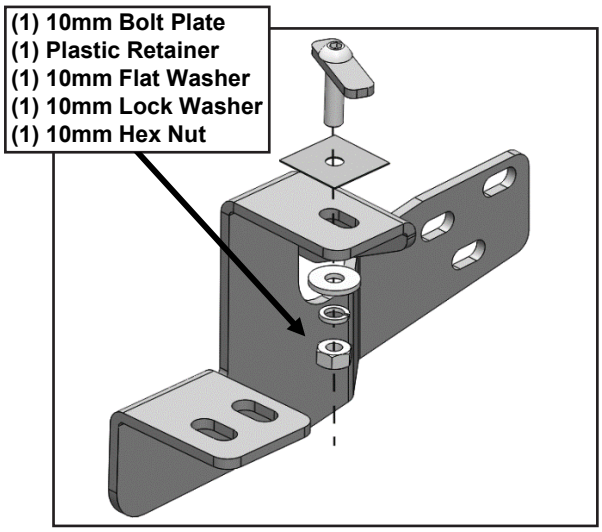
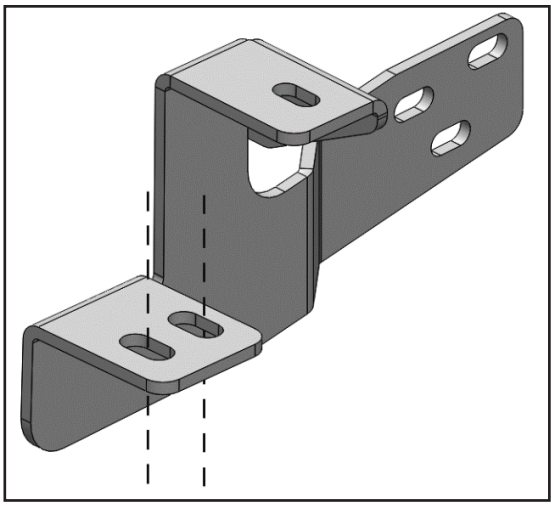
PROCEDURE (CONTINUED)



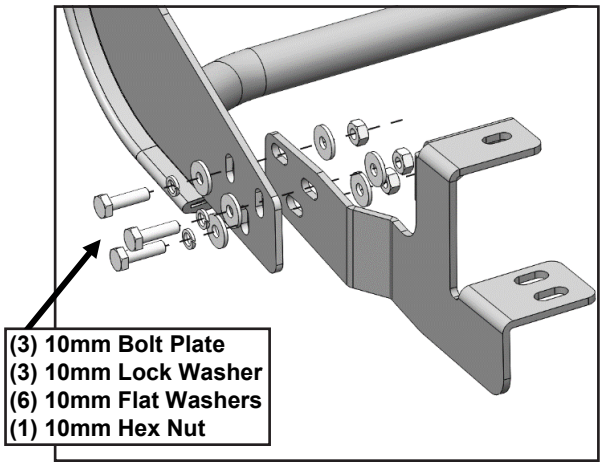
(Figure 12) Attach Frame Mounting Bracket.

(Figure 13) Remove hardware from lower Frame Mounting Bracket mounting point.



(Figure 14) Attach Frame Mounting Bracket reusing hardware.

(Figure 15) Attach Frame Mounting Bracket.



(Figure 16) Attach Grille Guard to Frame Mounting Bracket.

(Figure 17) Attached Grille Guard to Frame Mounting Bracket.

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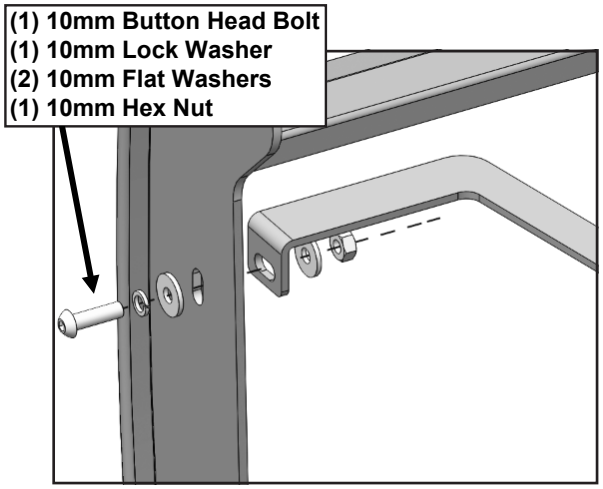
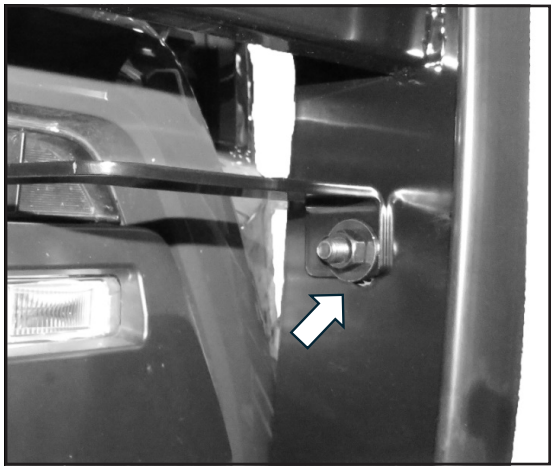
PROCEDURE (CONTINUED)



(Figure 18) Attach Grille Guard to Support Bracket.



(Figure 19) Attached Grille Guard to Support Bracket.

Ensure Grille Guard is level, then tighten all fasteners. Installation is complete. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

Complete Installation.

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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.

FAQs

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.
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.
Missing / Excess Hardware.	Recheck hardware count as per the part list.
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.
Who should be contacted for questions regarding product / installation assistance?	www.trailfx.com / support@trailfx.com or 1-(866) 638-4870

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WARRANTY TERMS

Black Powder Coated: 3 Year Limited Warranty
Stainless Steel Polished: Limited Lifetime 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.

This 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 the date of purchase.

This 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 products 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.

CONTACT US

WEBSITE: TrailFX.com
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EMAIL: support@trailfx.com

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