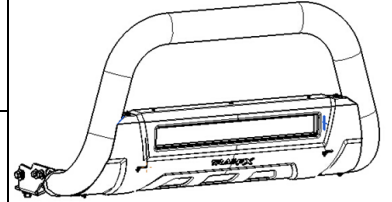




# 3.5" Oval Bull Bar

## Part No.B1610S/B



Fits: **2016**

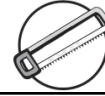
**Toyota Tacoma**



THE BULL BAR MAY INTERFERES WITH PARKING SENSORS, PROXIMITY SENSORS AND CRUISE CONTROL SENSORS.



60-180 min



Cutting Required



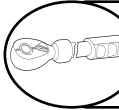
Drilling Not Required



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



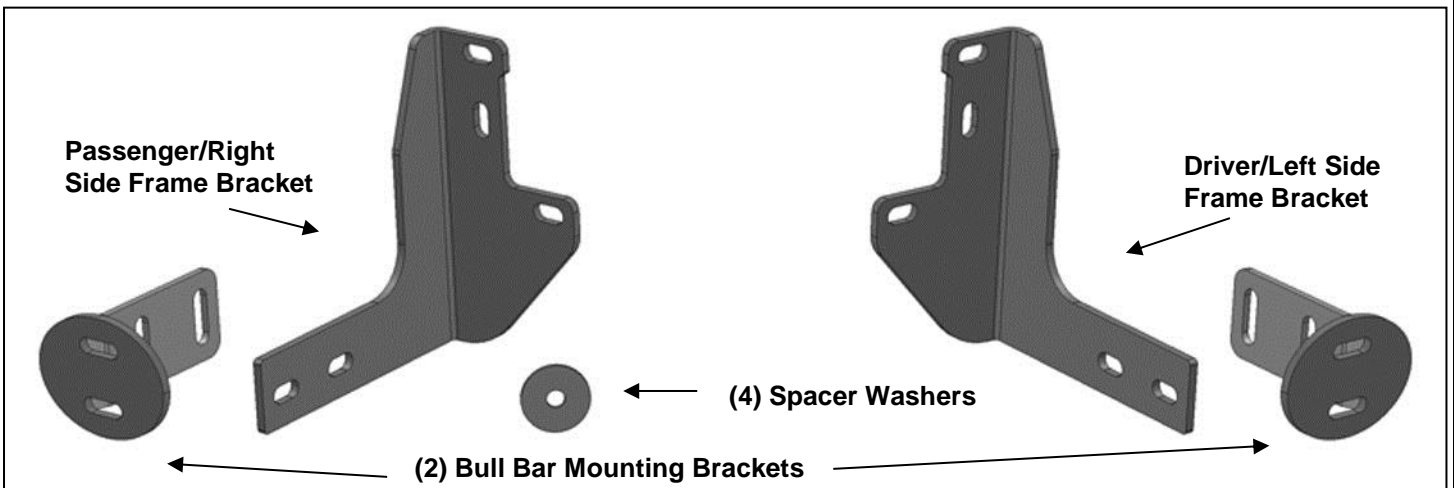
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



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

### PARTS LIST:

Qty	Part Description	Qty	Part Description
1	Bull Bar	12	10mm x 30mm STD Flat Washers
1	Driver/Left Frame Mounting Bracket	6	10mm Lock Washers
1	Passenger/Right Frame Mounting Bracket	6	10mm Hex Nuts
2	Bull Bar Mounting Brackets	4	8-1.25mm x 35mm Hex Bolts
4	Large Spacer Washers	4	8mm x 24mm OD x 2mm Flat Washers
2	10-1.50mm x 120mm x 30mm Hex Bolts	4	8mm Lock Washers
4	10-1.50mm x 30mm Hex Bolts		

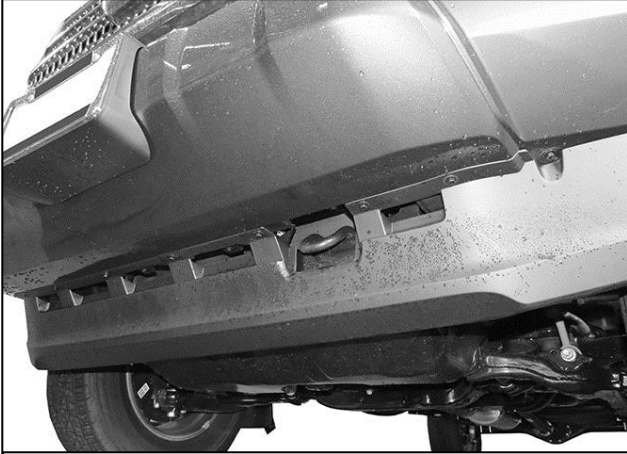


## INSTALLATION PROCEDURE:

**NOT COMPATIBLE WITH OPTIONAL FULL COVERAGE FACTORY ALUMINUM SKID PLATE. OPTIONAL SKID PLATE MUST BE REMOVED AND CANNOT BE REINSTALLED. CUTTING IS REQUIRED.**

**NOTE:** It may be necessary to remove/relocate front license plate and license plate bracket. It is not required, but strongly recommended. If local/state law requires a front license plate, relocation kit is available.

1. Remove the plastic lower air dam from the bottom of the front bumper, **(Figure 1)**.

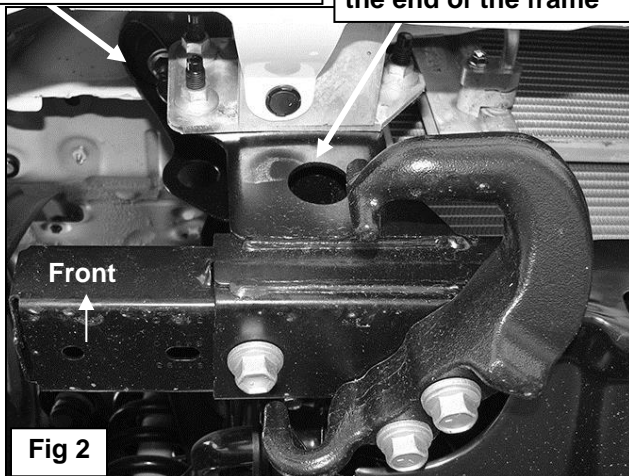


**(Fig 1) Remove air dam from bottom of bumper**

2. Start installation at the passenger side, front of the vehicle. Remove the (2) outer factory hex nuts attaching the aluminum bumper mount to the end of the frame, **(Figure 2)**. **NOTE:** It may be necessary to temporarily remove the factory tow hook from the passenger side.

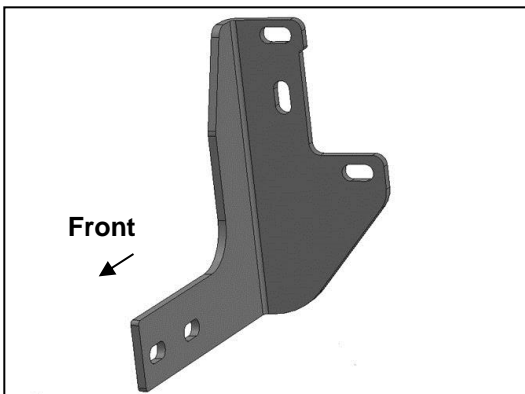
Remove (2) factory hex nuts on outside of frame

Spacer Washer will cover this opening in the end of the frame



**Fig 2**

3. Select the passenger side Frame Bracket, **(Figure 3)**. Slide the Bracket over the (2) studs. Attach the Bracket to the studs with the factory hex nuts, **(Figures 4 & 5)**. Leave hardware loose.



**Fig 3 Passenger/right frame Bracket**

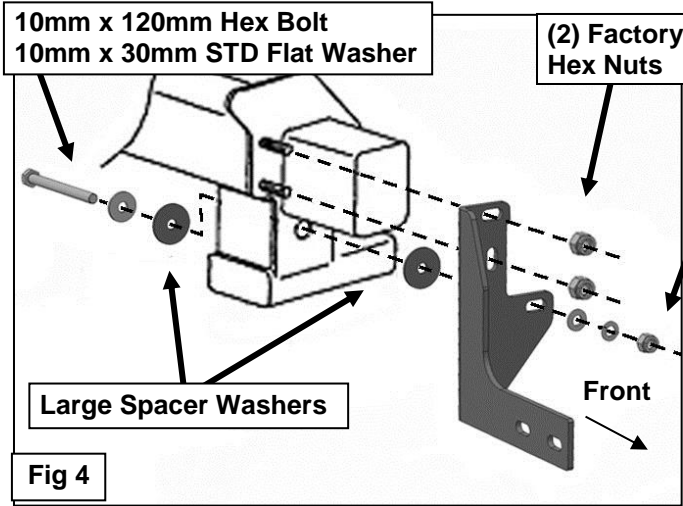


Fig 4

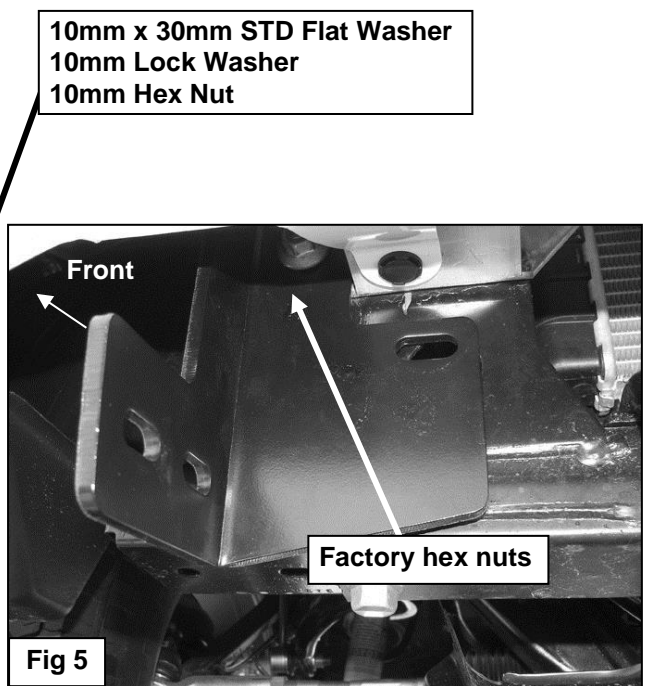
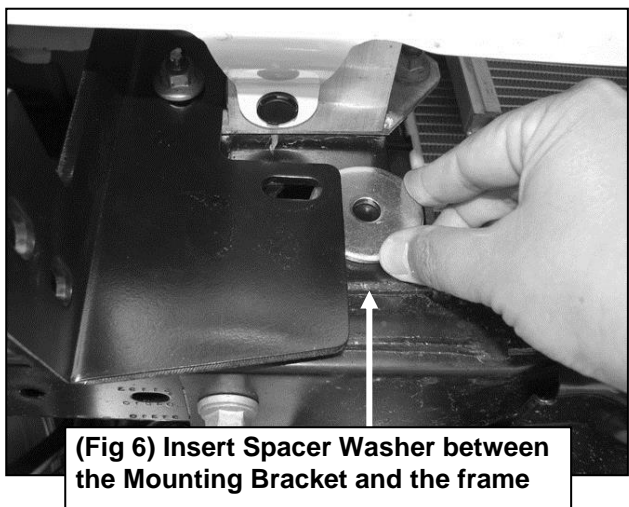


Fig 5

- Slide (1) Large Spacer Washer between the Mounting Bracket and the frame cross member, **(Figures 4, 6 & 7)**. Insert (1) 10mm x 120mm Hex Bolt with (1) 10mm x 30mm OD STD Flat Washer and (1) Large Spacer Washer into and through the hole in the back of the cross member. Make sure the Spacer Washer is against the cross member covering the large hole, **(Figures 4 & 8)**. Push the long bolt through the outer Spacer Washer and Frame Bracket. Attach the Bracket to the Bolt with (1) 10mm x 30mm STD Flat Washer, (1) 10mm Lock Washer and (1) 10mm Hex Nut, **(Figures 4 & 9)**. Leave hardware loose at this time. **NOTE:** Trim plastic splashguards attached to the bottom corners of the bumper as necessary to clear brackets.



(Fig 6) Insert Spacer Washer between the Mounting Bracket and the frame

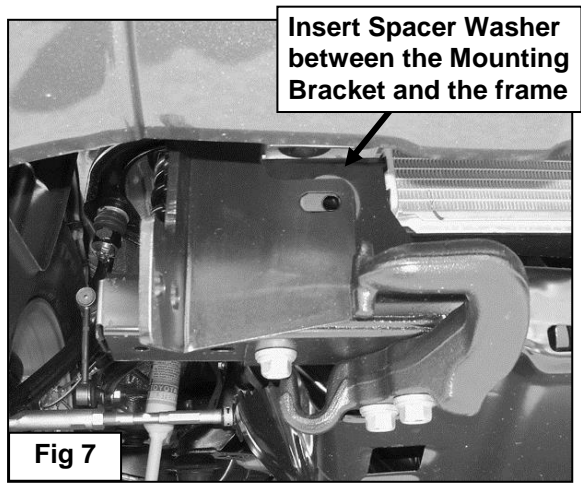
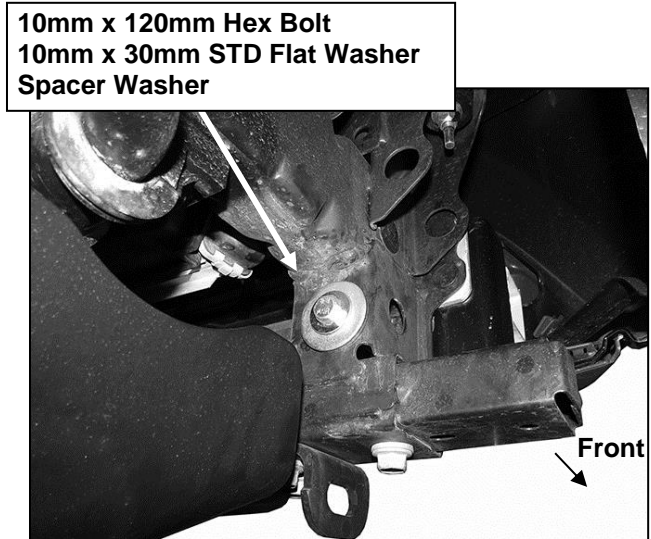
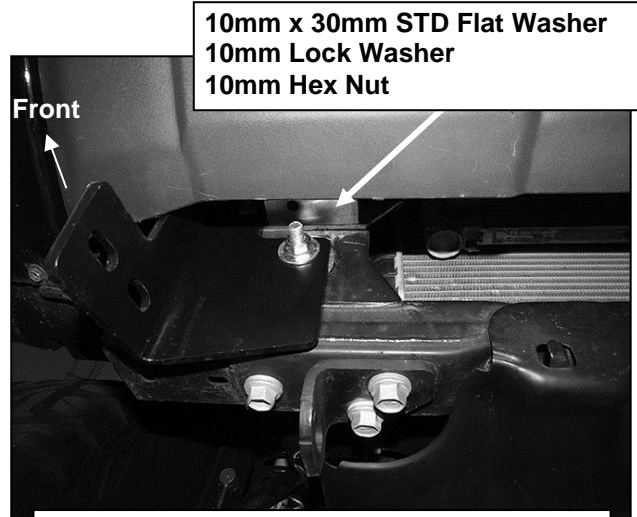


Fig 7

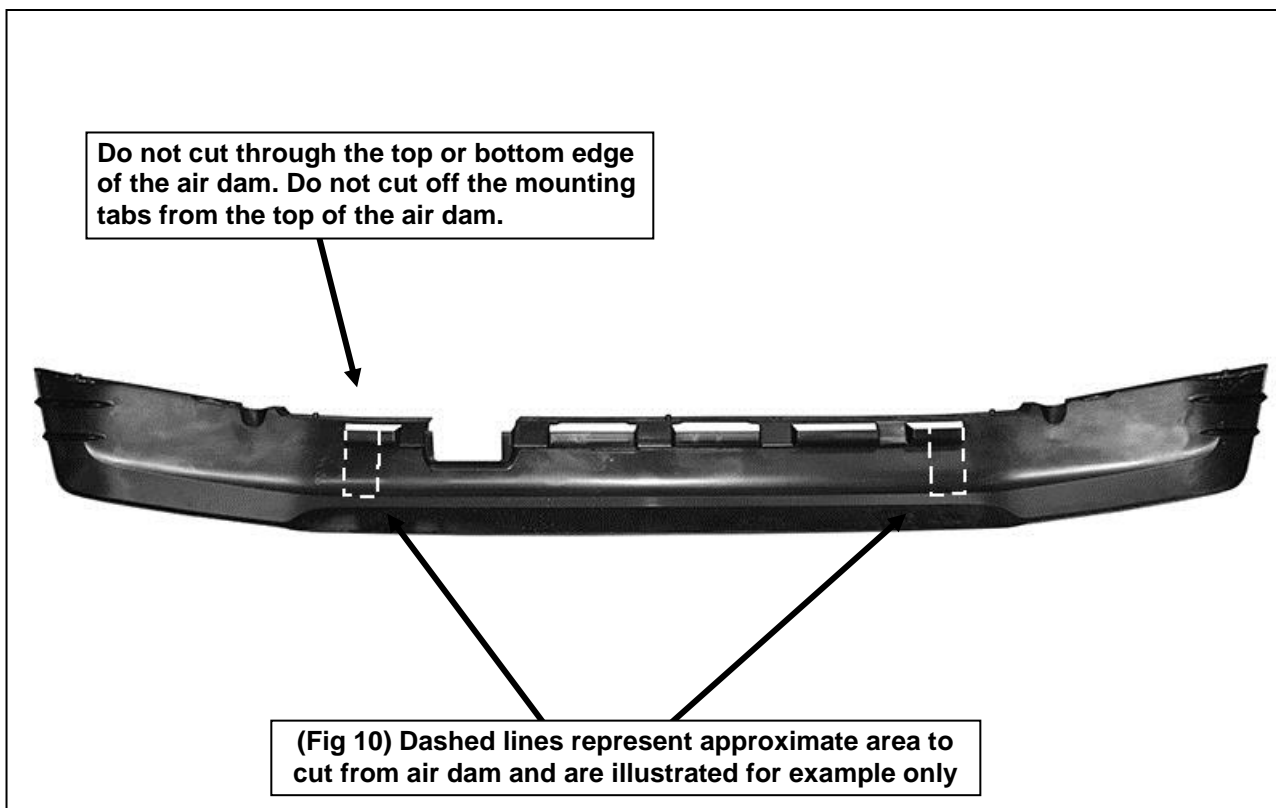


(Fig 8) Passenger side pictured from behind bumper

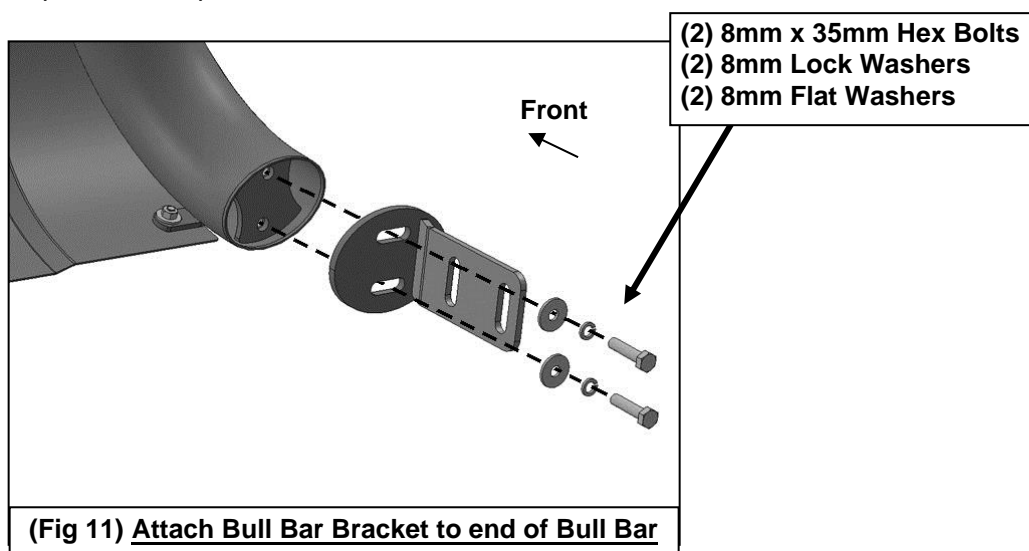


(Fig 9) Passenger side Bracket installation

5. Repeat **Steps 2—4** for driver side Bracket installation.
6. Next, hold the plastic air dam up in position against the Mounting Brackets. Trace the location of the two Brackets onto the back of the air dam, (**Figure 10**). Use a sharp knife or hacksaw blade to carefully cut two slots to clear the brackets. **IMPORTANT:** Do not cut through the top or bottom edge of the air dam. Do not cut off the mounting tabs from the top of the air dam. For best results, check all measurements before cutting. Start with a small opening and slowly enlarge the slots until Brackets and Bull Bar clear the air dam. Reinstall the air dam but leave hardware loose at this time.



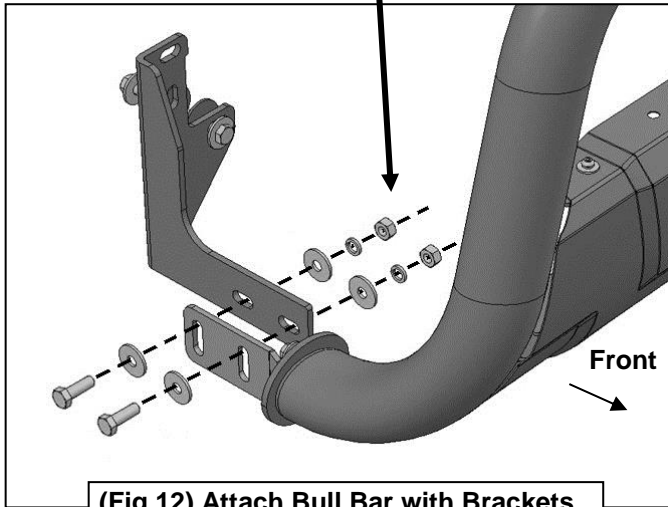
7. Next, carefully unwrap the Bull Bar. Select (1) Bull Bar Mounting Bracket, (**Figure 11**). Attach the Bracket to the end of the Bull Bar with (2) 8mm x 35mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers. Center the mounting flange on the Bracket with the end of the tube on the Bull Bar. Do not tighten hardware. Repeat this Step to attach the driver side Bull Bar Bracket.



(Fig 11) **Attach Bull Bar Bracket to end of Bull Bar**

8. With assistance, line up the mounting tabs on the Bull Bar with the outside of the (2) previously installed Frame Brackets. Attach the Bull Bar with Brackets to the Frame Brackets with the included (4) 10mm x 30mm Hex Bolts, (8) 10mm x 30mm STD Flat Washers, (4) 10mm Lock Washers and (4) 10mm Hex Nuts, (**Figure 12**). Trim air dam for clearance if required. Do not tighten hardware at this time.

(2) 10mm x 30mm Hex Bolts  
(4) 10mm x 30mm STD Flat Washers  
(2) 10mm Lock Washers  
(2) 10mm Hex Nuts



(Fig 12) Attach Bull Bar with Brackets  
to outside of Frame Brackets

9. Level and adjust the Bull Bar properly and tighten all hardware including factory hardware attaching the air dam to the vehicle. Reinstall the tow hook if removed.
10. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

## 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 & tighten 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.*

## Check out these other TrailFX Products!!



Keystone Automotive Operations Inc. (KAO) warrants this product to be free of defects in material and workmanship at the time of purchase by the original retail consumer. KAO disclaims any other warranties, express or implied, including the warranty of fitness for a particular purpose or an intended use. If the product is found to be defective, KAO may replace or repair the product at our option, when the product is returned prepaid, with proof of purchase. Alteration to, improper installation, or misuse of this product voids the warranty. KAO's liability is limited to repair or replacement of products found to be defective, and specifically excludes liability for any incidental or consequential loss or damage.