



**Assembly, Installation, Operation and
Maintenance Instructions**
3" Bull Bar

**Part Number:
B0043T/S**

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 ⚠

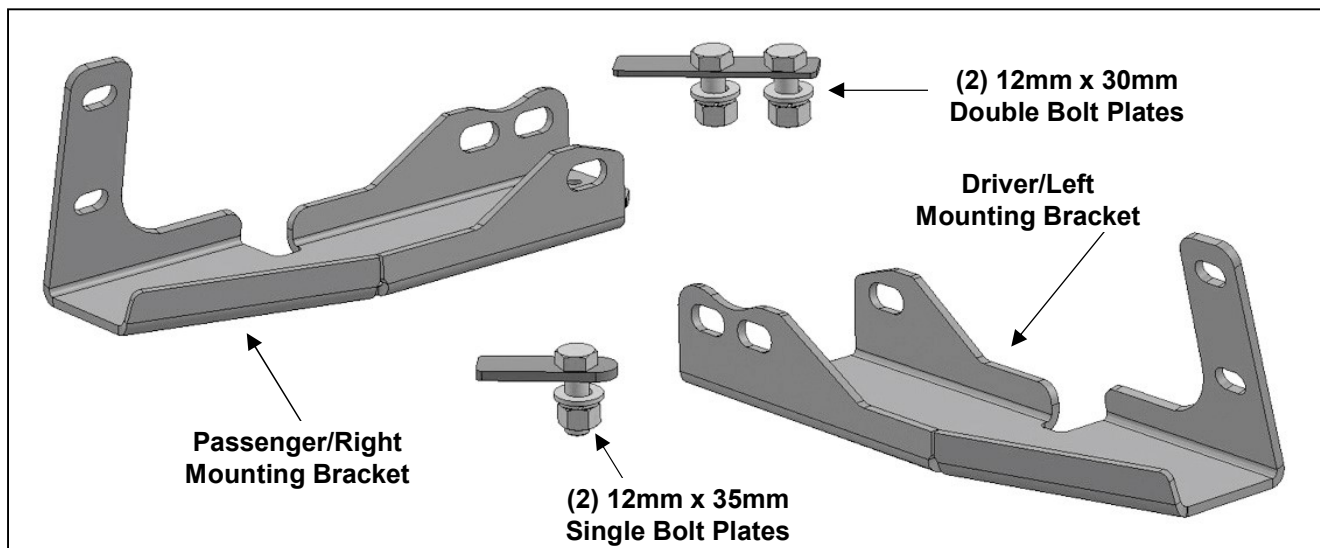
APPLICATION: 2021- Current CHEVY TAHOE & SUBURBAN (Exl. MODELS WITH ACC & PARKING SENSORS)

PARTS LIST

Qty	Part Description	Qty	Part Description
1	Bull Bar	6	12mm x 24mm OD x 2.5mm Flat Washers
1	Driver/Left Mounting Bracket	6	12mm Lock Washers
1	Passenger/Right Mounting Bracket	6	12-1.75mm Hex Nuts
2	12-1.75mm x 30mm Double Bolt Plates	4	10-1.50mm x 30mm Hex Bolts
2	12-1.75mm x 35mm Single Bolt Plates	8	10mm x 27mm OD x 3mm Flat Washers
		4	10-1.50mm Nylon Lock Nuts

TORQUE SPECIFICATION

Size	Torque
10 MM	34.5 ft/lbs
12 MM	70 ft/lbs



INSTALLATION PROCEDURE:

REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY. CUTTING MAY BE REQUIRED. INSTALLATION MAY INTERFERE WITH FRONT MOUNTED SENSORS.

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, license plate relocation kit is available.

1. Start installation from under the front of the vehicle. Remove the plastic cover between the bottom of the bumper cover and the frame, (Figure 1).
2. Determine if the vehicle is equipped with tow hooks. **IMPORTANT:** Tow hooks cannot be reinstalled with the Bull Bar.

Tow Hook equipped vehicles:

- a) Remove the factory tow hook from the end of each frame channel, (Figures 2 & 3).
- b) Select the driver/left Mounting Bracket. Insert the Bracket through the opening in the bumper and up to the frame. Trim the plastic as required to clear the Bracket, (Figure 5). Repeat to check for clearance on passenger/right side of bumper.
- c) Proceed to Step 3.

Vehicles without tow hooks:

- a) Cut out the indented area in both sides of the plastic bumper insert to clear the Brackets as pictured, (Figures 4 & 5). **NOTE:** It may be easier to temporarily remove the plastic insert from the bumper to cut openings. **IMPORTANT:** Make several small cuts for best fit around Brackets. On some models, the plastic insert may be equipped with removable covers, (Figure 4). Remove covers if equipped.
 - b) Check for clearance between Brackets and opening and trim the plastic as required to clear the Brackets.
 - c) Reinstall plastic insert if previously removed.
3. Line up the holes in the Bracket with the holes in the end of the frame channel for the tow hook, (Figures 4 & 5). Select (1) 12mm Double Bolt Plate, (Figure 6). Insert the Bolt Plate into the end of the frame and out through the (2) holes in the side of the frame and through the Bracket, (Figures 6 & 7). Secure the Bracket to the Bolt Plate with (2) 12mm Flat Washers, (2) 12mm Lock Washers and (2) 12mm Hex Nuts. Do not fully tighten hardware at this time.
 4. Repeat Step 3 to install the 12mm x 35mm Single Bolt Plate, (Figure 6), into the single forward tow hook mounting hole in the other side of the frame channel and Bracket, (Figure 3). Do not fully tighten hardware at this time.
 5. Repeat Steps 3 & 4 to install the passenger/right Mounting Bracket.
 6. With assistance, hold the Bull Bar up in position on the outside of the Mounting Brackets. Attach the Bull Bar to the Brackets with (4) 10mm x 30mm Hex Bolts, (8) 10mm Flat Washers and (4) 10mm Nylon Lock Nuts, (Figures 8 & 9). Do not tighten hardware at this time.
 7. Check the Bull Bar alignment with the vehicle and for clearance between the Bull Bar and the bumper. Adjust as required then fully tighten all hardware at this time.
 8. Reinstall plastic cover between bottom of bumper cover and frame (Figure 1).
 9. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

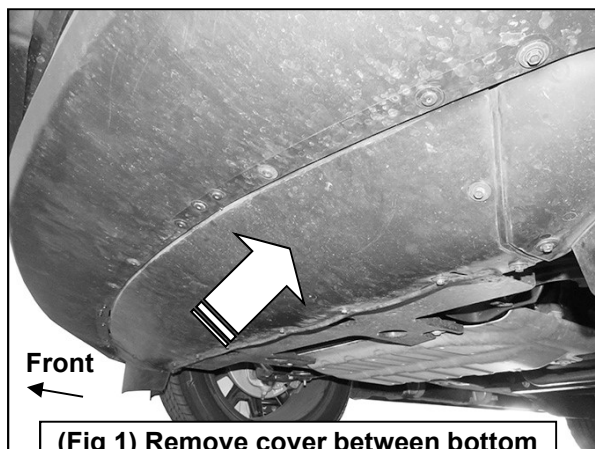
To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

For stainless steel: Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used to clean the Bull Bar.

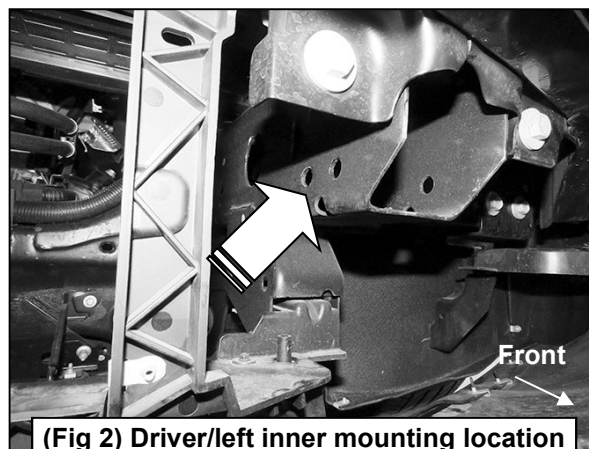
For gloss black finishes: Mild soap may be used to clean the Bull Bar.

INSTALLATION IMAGES:

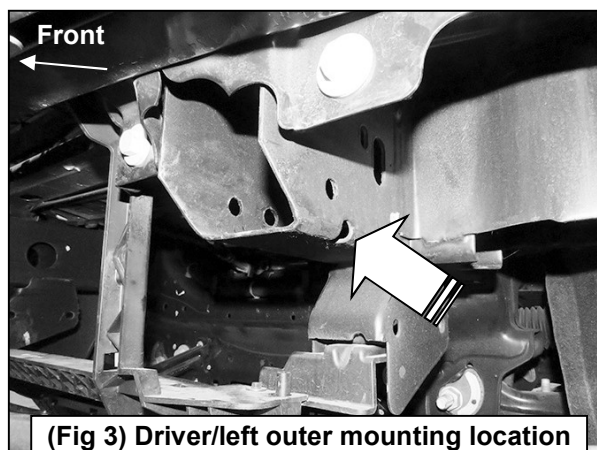
Driver/left Side Installation Pictured



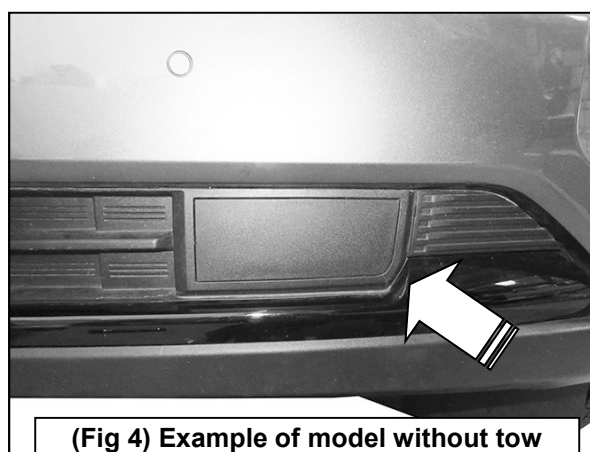
(Fig 1) Remove cover between bottom of bumper cover and frame (arrow)



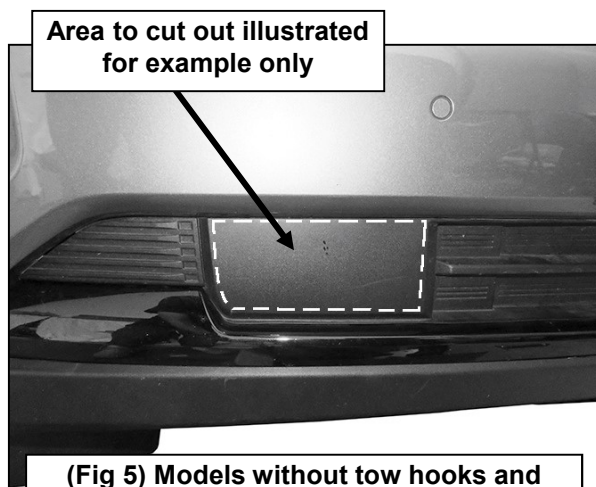
(Fig 2) Driver/left inner mounting location on frame pictured from behind bumper



(Fig 3) Driver/left outer mounting location (arrow) pictured from behind bumper



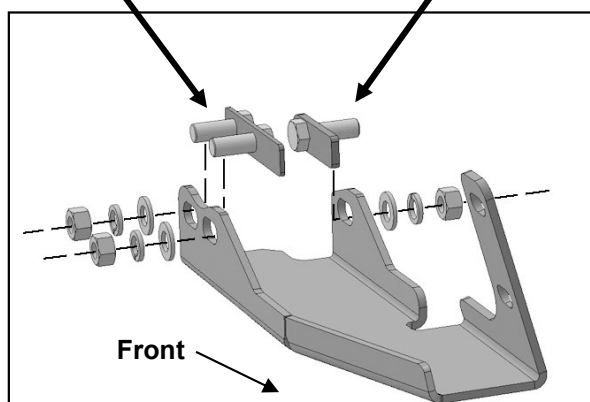
(Fig 4) Example of model without tow hooks. Remove cover if equipped (arrow)



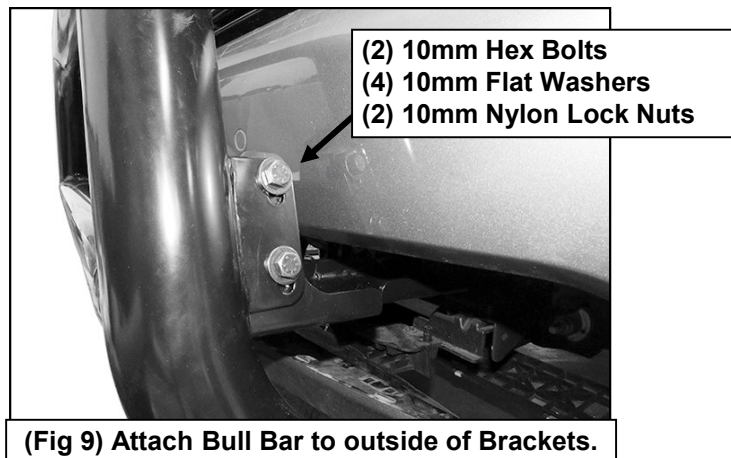
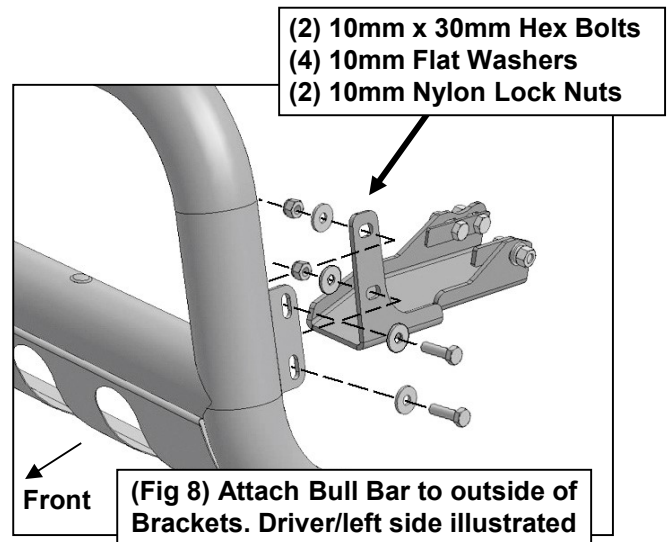
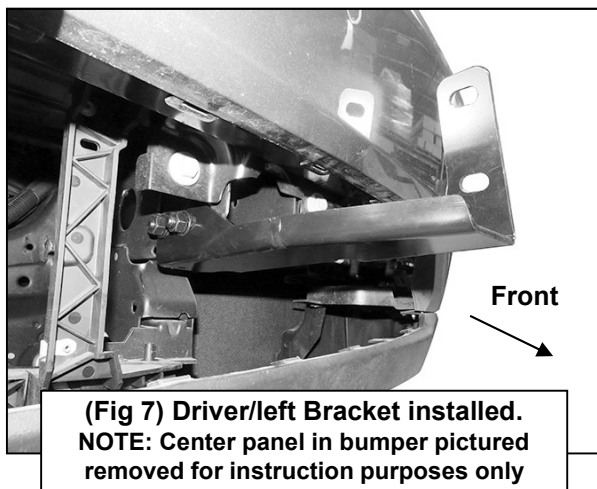
(Fig 5) Models without tow hooks and without removable covers, (see fig 4), cut openings as required in center plastic panel for Brackets. If necessary, temporarily remove center panel to cut openings. Dashed line represents approximate area to cut. Passenger/right side of center panel pictured

- (1) 12mm Double Bolt Plate
- (2) 12mm Flat Washers
- (2) 12mm Nylon Lock Nuts

- (1) 12mm Single Bolt Plate
- (1) 12mm Flat Washer
- (1) 12mm Nylon Lock Nut



(Fig 6) Attach the driver/left Mounting Bracket to the end of the frame



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 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:

Black Powder Coated:
Stainless Steel Polished:

3 Year Limited Warranty
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.

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.