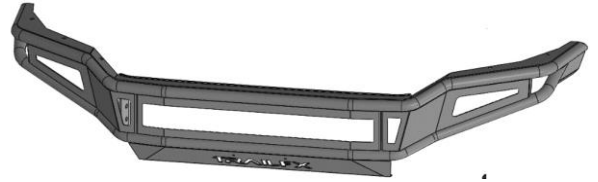




**NB3 FRONT BUMPER**  
**Part No. FPRB001TI**



**Fits: 2016-2019 TOYOTA TACOMA**



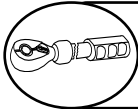
Including Diesel models with DEF tanks



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



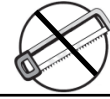
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



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



60-180 min



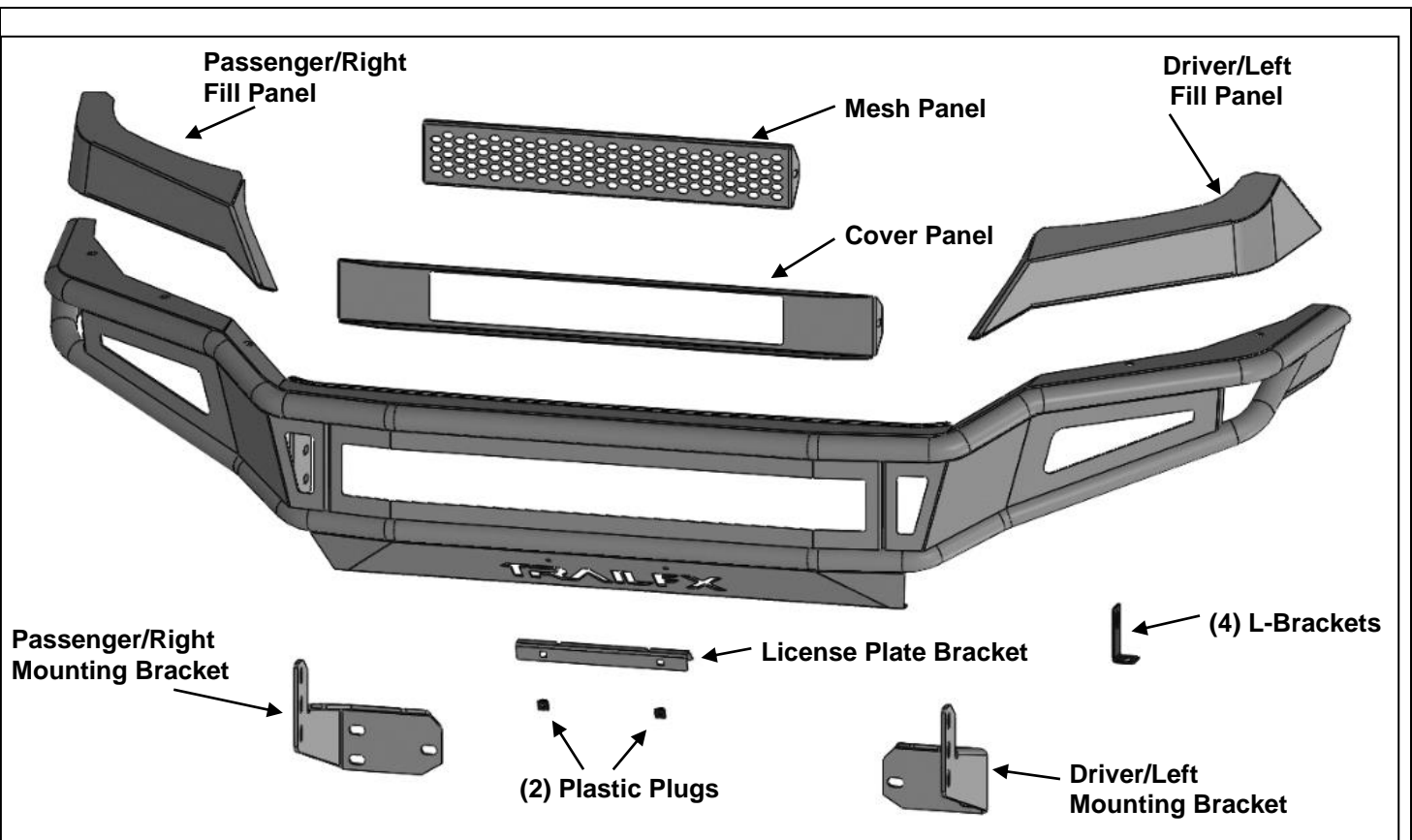
Cutting is not Required



Drilling is not Required

**PARTS LIST:**

Qty	Part Description	Qty	Part Description
1	NB3 Front Bumper	12	10mm x 24mm OD x 2.2mm Flat Washers
1	NB3 Skid Plate	6	10mm Lock Washers
1	Driver/Left Mounting Bracket	6	10mm Hex Nuts
1	Passenger/Right Mounting Bracket	8	8mm x 25mm Button Head Bolts
1	Driver/Left Fill Panel	10	8mm x 20mm Hex Bolts
1	Passenger/Right Fill Panel	2	8mm x 16mm Hex Bolts
1	Cover Panel	26	8mm x 24mm OD x 2mm Flat Washers
1	Mesh Panel	12	8mm Lock Washers
4	L-Brackets	8	8mm Hex Nuts
1	License Plate Bracket	6	8mm Flange Hex Nuts
2	License Plate Plugs	2	6mm x 20mm Button Head Bolts
2	12mm x 120mm Hex Bolts	4	6mm x 18mm OD x 1.6mm Flat Washers
4	12mm 32mm OD x 3mm Flat Washers	2	6mm Nylon Lock Nuts
2	12mm Nylon Lock Nuts	1	5mm Hex Wrench
6	10mm x 40mm Hex Bolts	1	4mm Hex Wrench



**PROCEDURE:**

**REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. BUMPER IS HEAVY, ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE. CUTTING IS REQUIRED.**

1. Remove the license plate and bracket. Open the hood and remove the plastic cover from the top of the radiator and grille, **(Figure 1)**. Next, carefully remove the plastic grille, **(Figure 2)**. Remove the air dam from the bottom of the bumper.
2. On models with factory fog lights, unplug the harness leading to the lights. Release the wiring harness from the clips attached to the back of the bumper. Move harness away from bumper.
3. Carefully pull the front leading end of the fender flares outward to release from the bumper cover, **(Figure 3)**. The flares do not need to be completely removed, only release the front portion and leave the rest of the flare attached.
4. Remove the hardware attaching the plastic bumper cover at the top, ends and bottom. With assistance, pop the ends off of the inner clip and pull the bumper off of the vehicle. Remove the plastic bumper mount from below the Driver/Left side headlight, **(Figure 3)**. Reinstall the factory hardware to secure the headlight to the vehicle. Repeat this Step to remove the Passenger/Right plastic mount.
5. Remove the plastic impact pads, aluminum inner impact bumper and brackets from the end of the frame, **(Figures 4 & 5)**. Next, remove the plastic splash guards from both sides.
6. Frame the Passenger/Right Mounting Bracket. Reuse the factory hex nuts to attach the Bracket to the end of the frame, **(Figures 6 & 7)**. Repeat to attach the Driver/Left Bracket. Do not tighten hardware.
7. Select the Passenger/Right Fill Panel, **(Figure 8)**. Attach the Panel to the top of the Bumper with (3) 8mm x 20mm Hex Bolts, (3) 8mm Flat Washers and (3) 8mm Flange Hex Nuts. Line up the edges of the Panel with the Bumper and tighten hardware. Repeat this Step to attach the Driver/Left Fill Panel.
8. **Determine if Mesh Panel or light or will be installed. (light not included)**

**For Cover and Mesh Panels installation**

- a. Select (4) L-Brackets. Attach the L-Brackets to the back of the NB3 Bumper with (4) 8mm x 25mm Button Head Bolts, (8) 8mm Flat Washers, (4) 8mm Lock Washers and (4) 8mm Hex Nuts, **(Figure 9)**.
- b. Select the Cover Panel.
- c. Attach the Panel to the outer (2) L-Brackets on the back of the Bumper with (2) 8mm x 20mm Hex Bolts, (4) 8mm Flat Washers, (2) 8mm Lock Washers and (2) 8mm Hex Nuts, **(Figure 10)**.
- d. Select the Mesh Panel.
- e. Attach Panel to the inner (2) L-Brackets with (2) 8mm x 20mm Hex Bolts, (4) 8mm Flat Washers, (2) 8mm Lock Washers and (2) 8mm Hex Nuts, **(Figure 11)**. Do not tighten hardware.
- f. Continue to **Step 9**.

**For 20inch Light Bar installation (Light not included)**

- a. Select (4) L-Brackets. Attach the L-Brackets to the back of the NB3 Bumper with (4) 8mm x 25mm Button Head Bolts, (8) 8mm Flat Washers, (4) 8mm Lock Washers and (4) 8mm Hex Nuts, **(Figure 9)**.
- b. Select the Cover Panel.

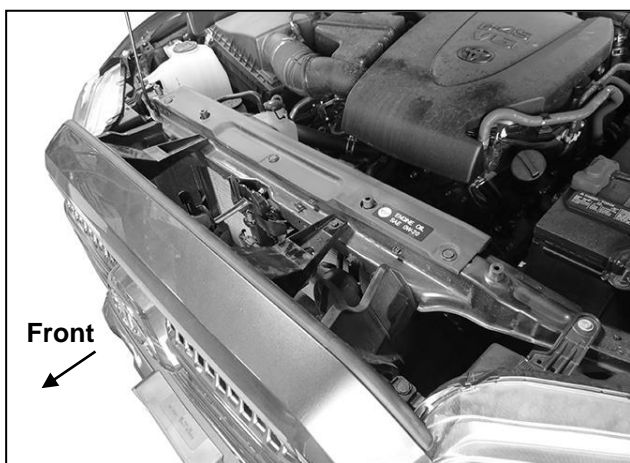
- c. Attach the Panel to the outer (2) L-Brackets on the back of the Bumper with (2) 8mm x 20mm Hex Bolts, (4) 8mm Flat Washers, (2) 8mm Lock Washers and (2) 8mm Hex Nuts, **(Figure 10)**.
- d. Attach Light Bar (not Included) to the inner (2) L-Brackets with (2) 8mm x 16mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figure 12)**. Do not tighten hardware.
- e. Continue to **Step 9**.

**For 30inch Light Bar installation (Light not included)**

- a. Select (2) L-Brackets. Attach the L-Brackets to the back of the NB3 Bumper with (2) 8mm x 25mm Button Head Bolts, (4) 8mm Flat Washers, (2) 8mm Lock Washers and (2) 8mm Hex Nuts, **(Figure 9)**.
  - b. Only attach the outer (2) L-Brackets to the back of the Bumper.
  - c. Attach Light Bar (not included) to the outer (2) L-Brackets with (2) 8mm x 16mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers. Do not tighten hardware.
  - d. Continue to **Step 9**.
9. With assistance, position the Bumper Assembly up to the inside of the Mounting Brackets. Temporarily support the weight of the Bumper. **WARNING:** To avoid possible injury or damage to the vehicle, do not proceed until the bumper is fully and safely supported. Attach the Bumper to the Mounting Brackets with (6) 10mm x 40mm Hex Bolts, (12) 10mm Flat Washers, (6) 10mm Lock Washers and (6) 10mm Hex Nuts, **(Figure 13)**. Do not tighten hardware.
  10. Level and adjust the NB3 Bumper and fully tighten all hardware.
  11. Cover the Passenger/Right plastic fender flare with removable tape, (masking tape for example). Hold the fender flare in position on the fender and over the end of the Bumper. Draw a straight line onto the tape to match where the end of the fender and Bumper meet, **(Figure 14)**. Use a sharp knife or hacksaw blade to carefully cut the leading end off of the flare along the line. Reattach the fender flare to the fender. Repeat to cut the Driver/Left fender flare.
  12. Attach the License Plate Bracket to the holes in the lower NB3 Bumper with (2) 6mm Button Head Bolts, (4) 6mm Flat Washers and (2) 6mm Nylon Lock Nuts, **(Figure 15)**. Insert (2) Plastic Plugs into the square holes in the Bracket. **(Figure 16)**.
  13. **NB3 Skid Plate installation**, carefully unwrap the NB3 Skid Plate. With assistance, line up the front of the Skid Plate with the back of the Bumper. Attach the Skid Plate to the Bumper with (4) 8mm Button Head Bolts, (4) 8mm Lock Washers and (4) 8mm Flat Washers, **(Figure 17)**. Do not tighten hardware.
  14. Attach the mounting tabs on the Skid Plate to the large holes in the front of the frame with (2) 12mm x 120mm Hex Bolts, (4) 12mm Flat Washers and (2) 12mm Nylon Lock Nuts, **(Figures 18—20)**.
  15. Level and adjust the Skid Plate and fully tighten all hardware. **NOTE:** Do not overtighten lower hex bolts or damage to the frame may result.
  16. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

**To protect your investment**, 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 Bumper assembly.

### Passenger/Right Side Installation Pictured



**(Fig 1) Remove plastic cover from top of radiator**



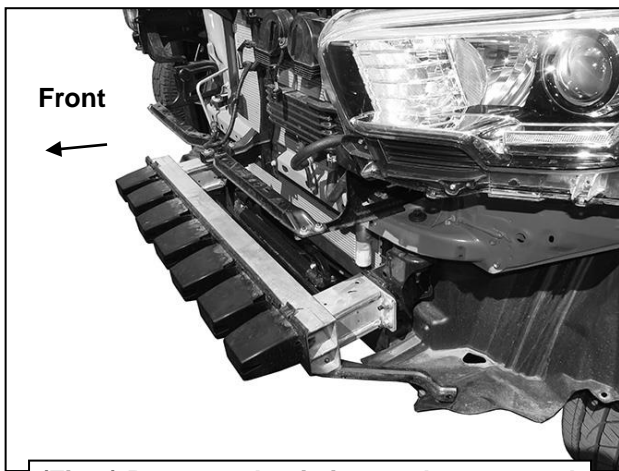
**(Fig 2) Remove grille, air dam from below bumper and license plate. Remove plastic bumper cover**



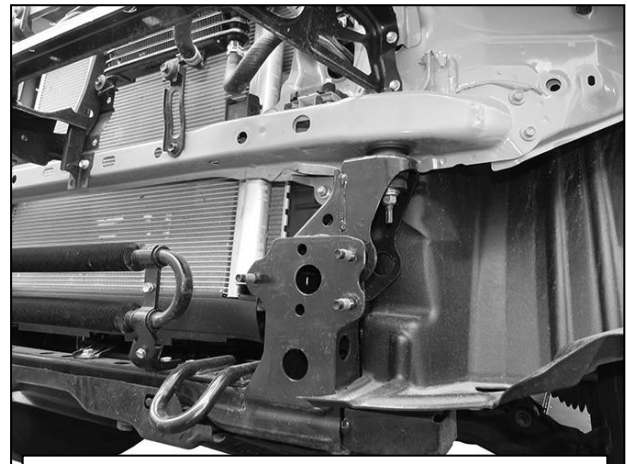
**(Fig 3)** Remove plastic block from front edge of fender. Reinstall hardware to secure headlight

**WARNING!** Do not crawl under bumper unless the bumper is properly supported on blocks or stands or the bumper may fall.

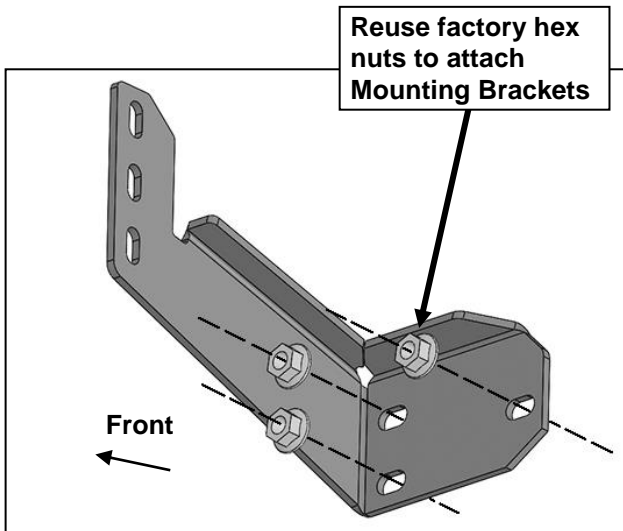
**Passenger/Right Side Installation Pictured**



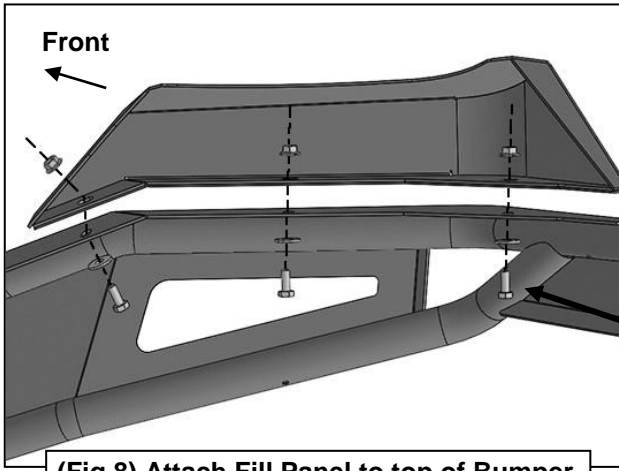
**(Fig 4)** Remove plastic impact bumper and aluminum crossbar from bumper brackets



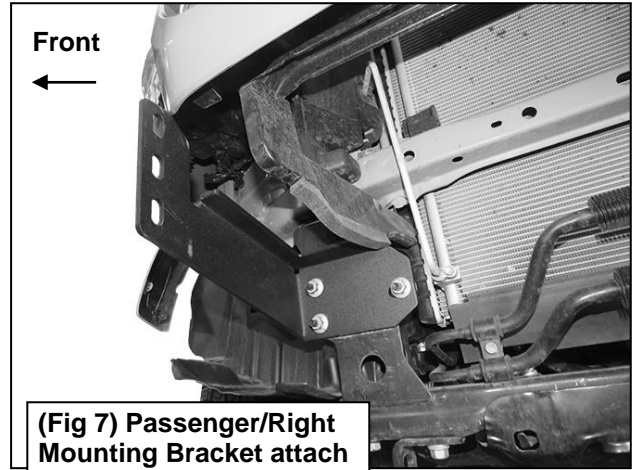
**(Fig 5)** Remove impact bumper and brackets



**(Fig 6)** Attach Passenger/Right Mounting Bracket to the mounting location



(Fig 8) Attach Fill Panel to top of Bumper



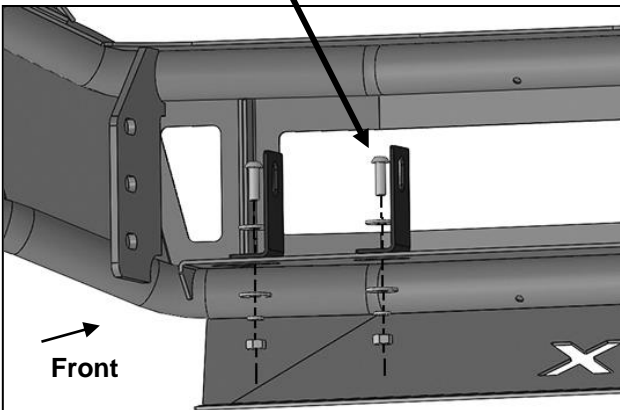
(Fig 7) Passenger/Right Mounting Bracket attach to the mounting location

- (3) 8mm Hex Bolts
- (3) 8mm Flat Washers
- (3) 8mm Flange Nuts

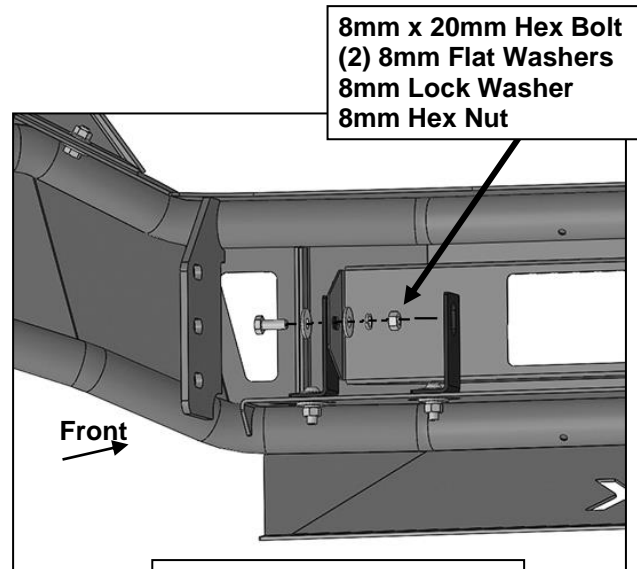
**Passenger/Right Side Installation Pictured**

- (2) 8mm x 25mm Button Head Bolts
- (4) 8mm Flat Washers
- (2) 8mm Lock Washers
- (2) 8mm Hex Nuts

**WARNING!** Do not crawl under bumper unless the bumper is properly supported on blocks or stands or the bumper may fall.

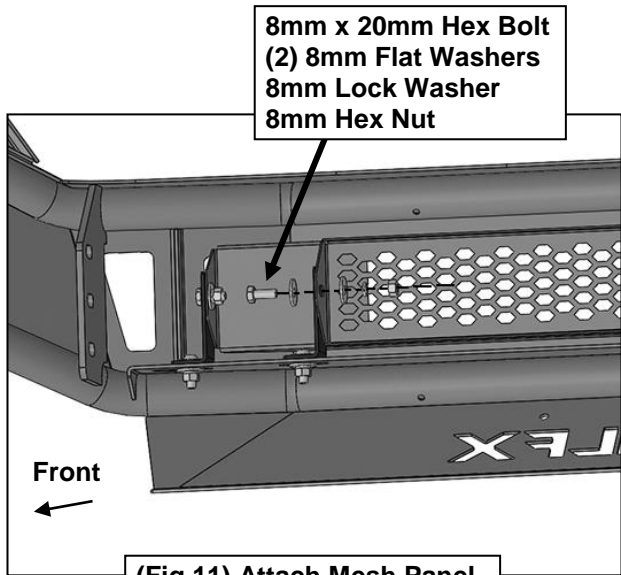


(Fig 9) Attach L-Brackets to the back of the Bumper (If installing a 30inch Light, only attach the outer L-Bracket. Light not included)

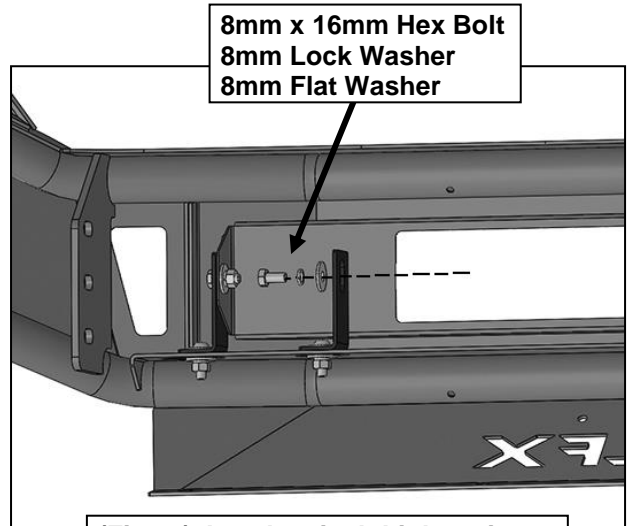


(Fig 10) Attach Cover Panel to the outer L-Bracket

- 8mm x 20mm Hex Bolt
- (2) 8mm Flat Washers
- 8mm Lock Washer
- 8mm Hex Nut

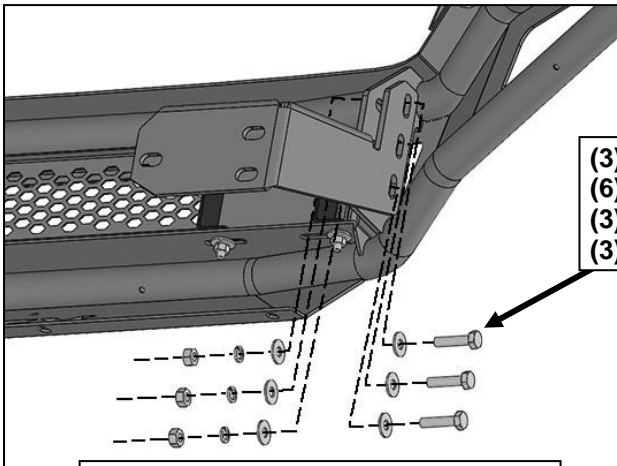


**(Fig 11) Attach Mesh Panel to the inner L-Bracket**

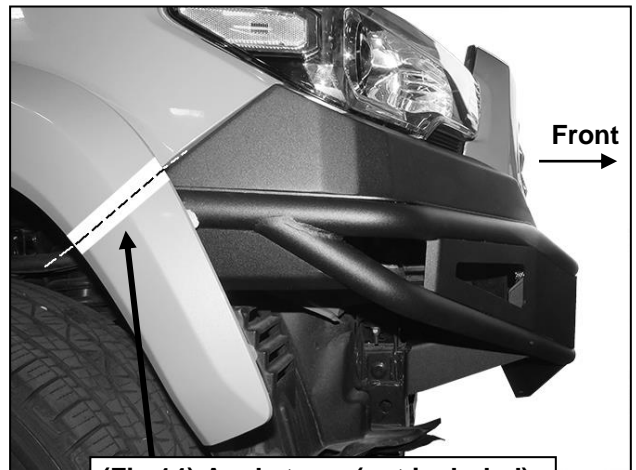


**(Fig 12) Attach 20inch Light to inner L-Bracket or 30inch Light to outer L-Bracket (Lights not included)**

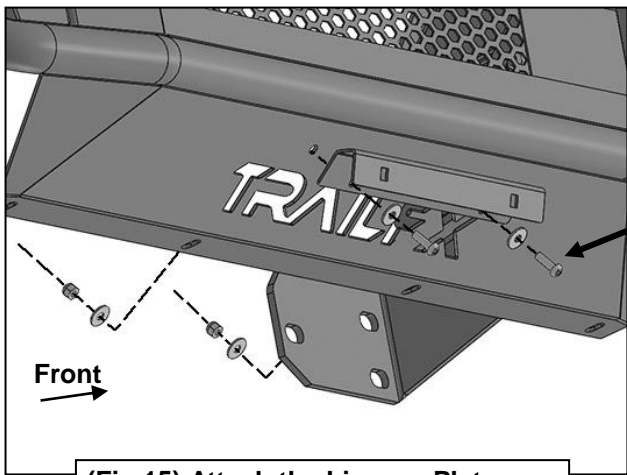
**Passenger/Right Side Installation Pictured**



**(Fig 13) Attach NB3 Bumper to the Passenger/Right Mounting Bracket**

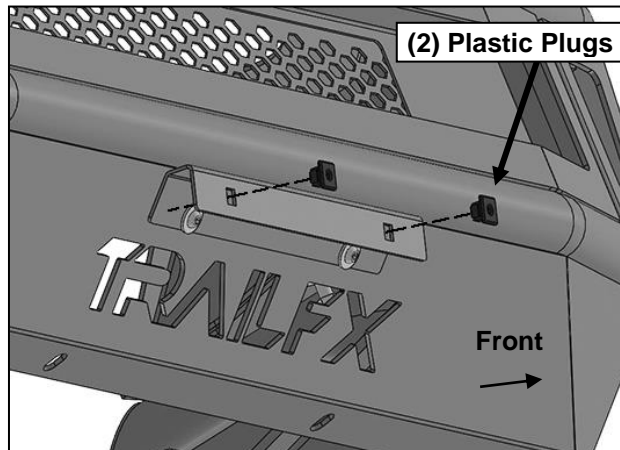


**(Fig 14) Apply tape, (not included) to the fender and cut to fit Bumper**



- (2) 6mm x 20mm Button Head Screws
- (4) 6mm Flat Washers
- (2) 6mm Nylon Lock Nuts

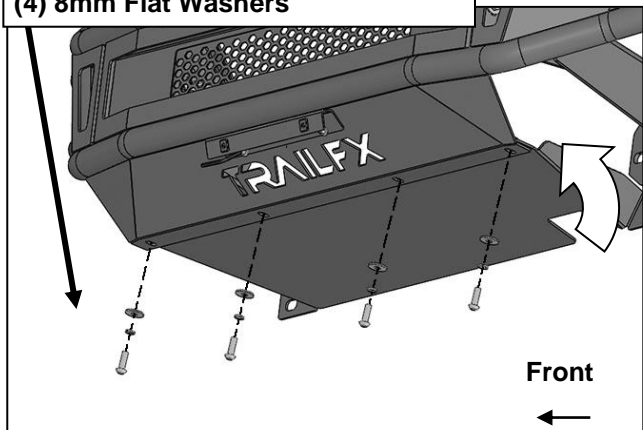
(Fig 15) Attach the License Plate Bracket to the bottom of the Bumper



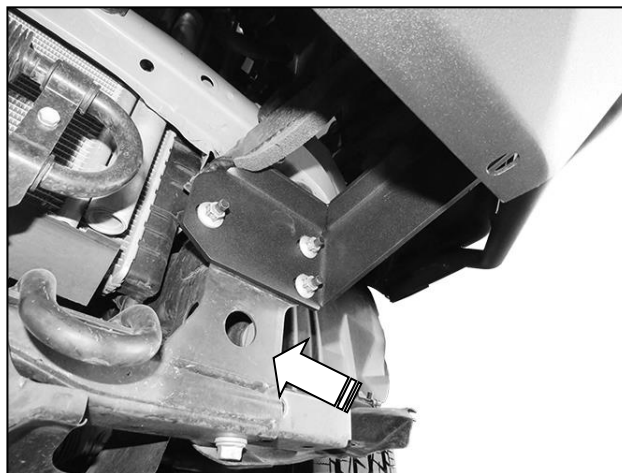
(Fig 16) Attach License Plate Bracket to Bumper

**Skid Plate Installation Pictured**

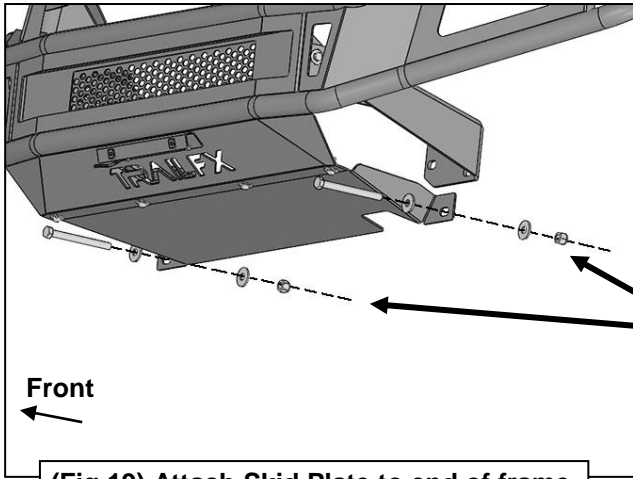
- (4) 8mm x 25mm Button Head Bolts
- (4) 8mm Lock Washers
- (4) 8mm Flat Washers



(Fig 17) Attach Skid Plate to back of Bumper

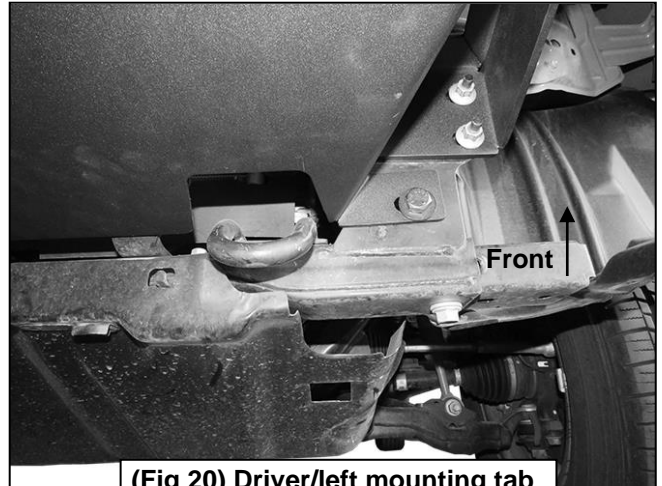


(Fig 18) Skid Plate frame mounting location



- (2) 12mm x 120mm Hex Bolts
- (4) 12mm Flat Washers
- (2) 12mm Nylon Lock Nuts

(Fig 19) Attach Skid Plate to end of frame



(Fig 20) Driver/left mounting tab on Skid Plate attached to frame



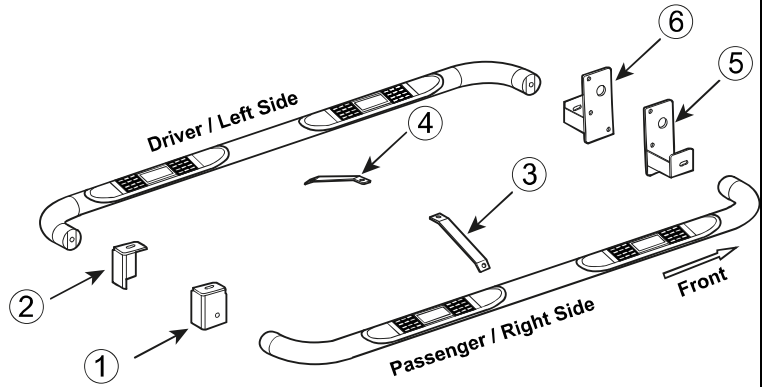
## PARTS IDENTIFICATION GUIDE

**Driver Side tube packed using "Green" color foam sheet. Passenger Side tube packed using "White" color foam sheet**

No.	Parts Identification
1	Passenger / Right 'Rear' Bracket marked "PR"
2	Driver / Left 'Rear' Bracket marked "DR"
3	Passenger / Right 'Center' Bracket marked "PC"
4	Driver / Left 'Center' Bracket marked "DC"
5	Passenger / Right 'Front' Bracket marked "PF"
6	Driver / Left 'Front' Bracket marked "DF"

### Note:

- This guide is to identify the parts and not a reference for part count.
- For part count, refer Parts List.
- Product / Bracket image is representative and actual design may vary.



## 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!!



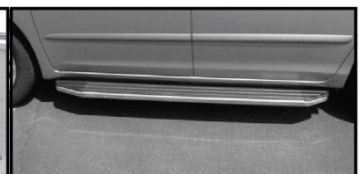
**BULL BAR**



**GRILLE GUARDS**



**BED RAILS**



**RUNNING BOARDS**



**RUNNING BOARDS**



**RUNNING BOARDS**