

# MAGNUM FRONT WINCH RT STYLE BUMPER

SKU# FBM75TYN-RT

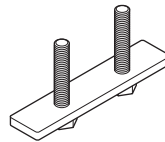
# MAGNUM

## RT Bar



RT Bar (optional)  
Qty 1

## RT Bar Hardware:



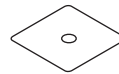
M10 Bolt Plate  
Qty 2



M10 Nylon Lock Nuts  
Qty 4



M10 Flat Washers  
Qty 4

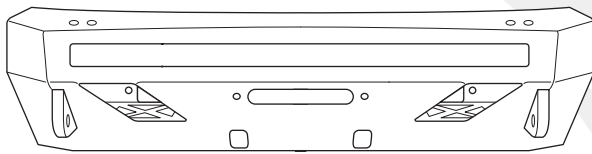


M10 Clear Plastic  
Square Washers  
Qty 4



Black Plastic Caps  
Qty 4

## Bumper



Heavy Duty Bumper  
Qty 1

## Bumper Hardware:



M10 x 25mm  
Hex Head Bolts  
Qty 6



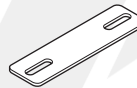
M10 Flat Washers  
Qty 6



M12 x 30mm  
Hex Head Bolts  
Qty 2



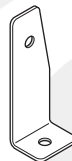
M12 Flat Washers  
Qty 2



Flat Mounting  
Bracket  
Qty 2

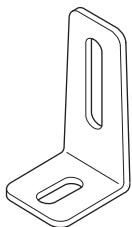


M10 Flange Nuts  
Qty 6

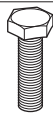


"L" Shaped  
Support Bracket  
Qty 2

## Light Bracket Kit:



"L" Light Bracket  
Qty 2



M8 X 25MM  
Hex Head Bolts  
Qty 2



M8  
Flat Washers  
Qty 2



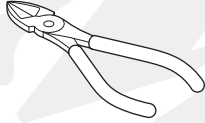
M8 Lock Washers  
Qty 4



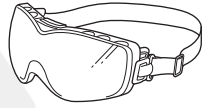
M8 Nuts  
Qty 2

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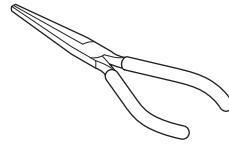
## Tools Required:



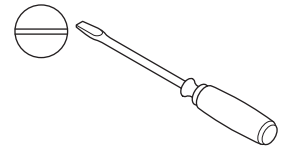
Wire Cutters



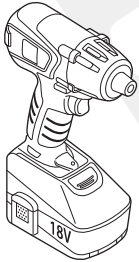
Safety Glasses



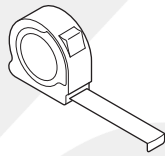
Needle Nose Pliers



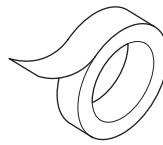
Flat Screwdriver



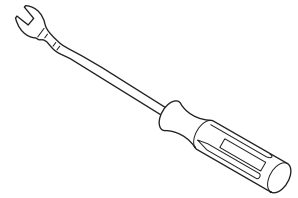
Drill



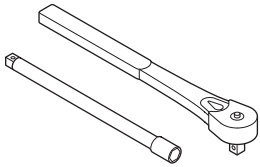
Tape Measure



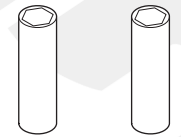
Marking Tape



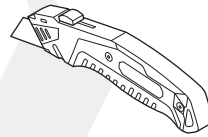
Retainer Removal Tool



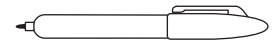
Socket Wrench  
w/extension



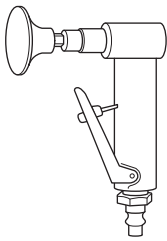
10mm 14mm  
Sockets



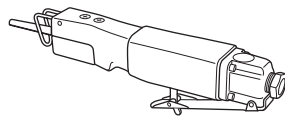
Utility Knife



Marking Pen



Angle Grinder



Body Saw

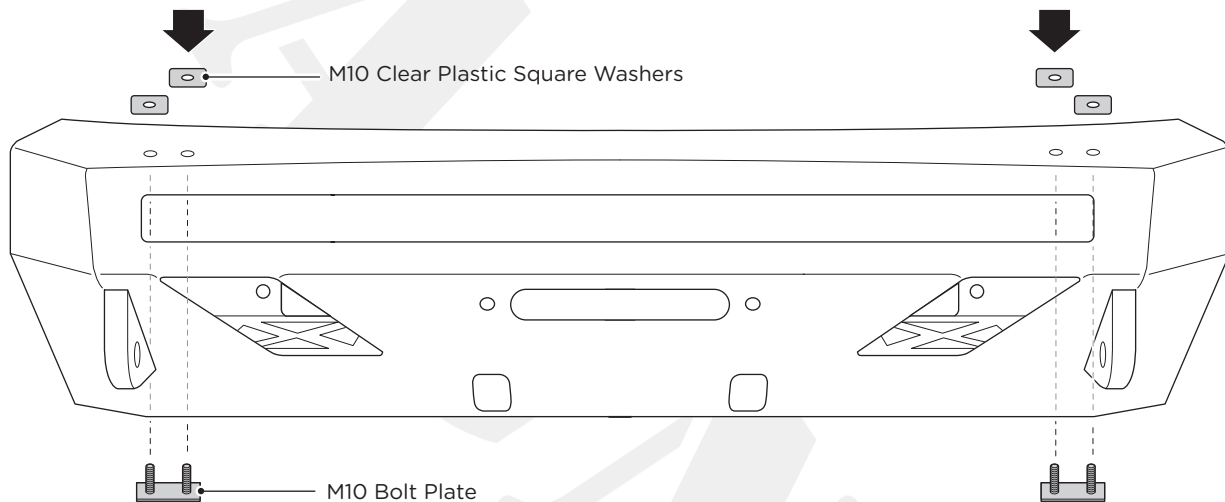
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## BEFORE INSTALLING BUMPER:

**IMPORTANT:** If installing optional RT Bar and an optional Light Bar, you need to install the optional RT Bar Hardware first. If you install the optional Light Bar first, you will lose access to complete the installation of the optional RT Bar at a later time.

### If you are installing an option RT Bar, perform the following steps:

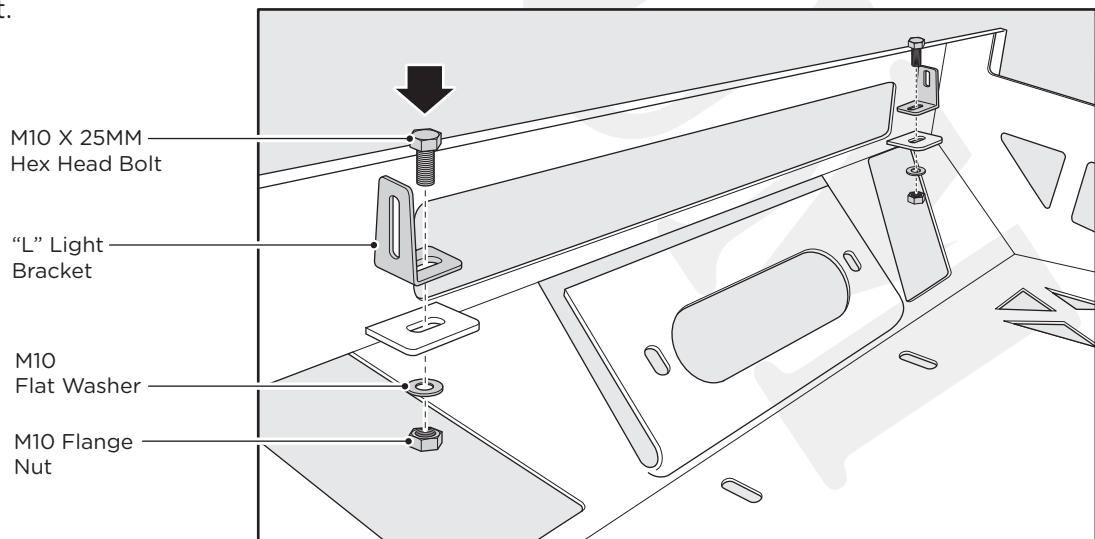
Place RT Bar onto Bumper and secure using two M10 Bolt Plates, four M10 Clear Plastic Square Washers, four M10 Flat Washers and four M10 Nylon Lock Nuts. To complete RT Bar installation proceed to step 18 on page 16.



### If you are installing an option Light Bar, perform the following steps:

Place each "L" Light Bracket onto each Bumper Flange and secure using one M10 x 25mm Hex Head Bolt, one M10 Flat Washer and one M10 Flange Nut.

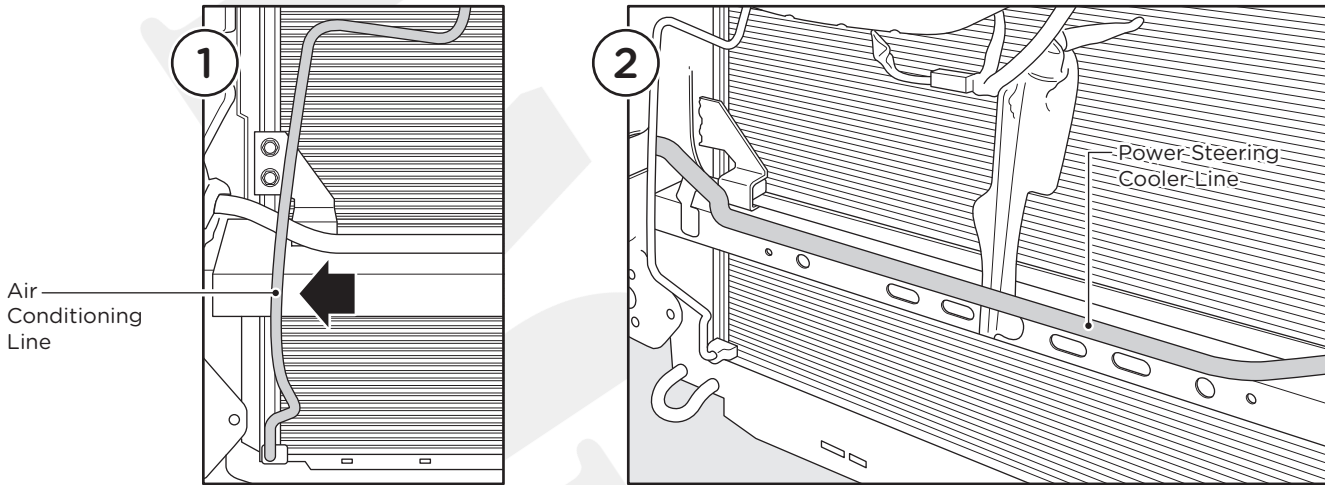
**NOTE:** Our "L" Light Brackets are a universal item provided in the event that the brackets that come with your Lights do not work. If using 30" Baja Designs S8 LED Light Bar, you would use the brackets that came with their light.



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If you are installing an optional Winch, note the following:

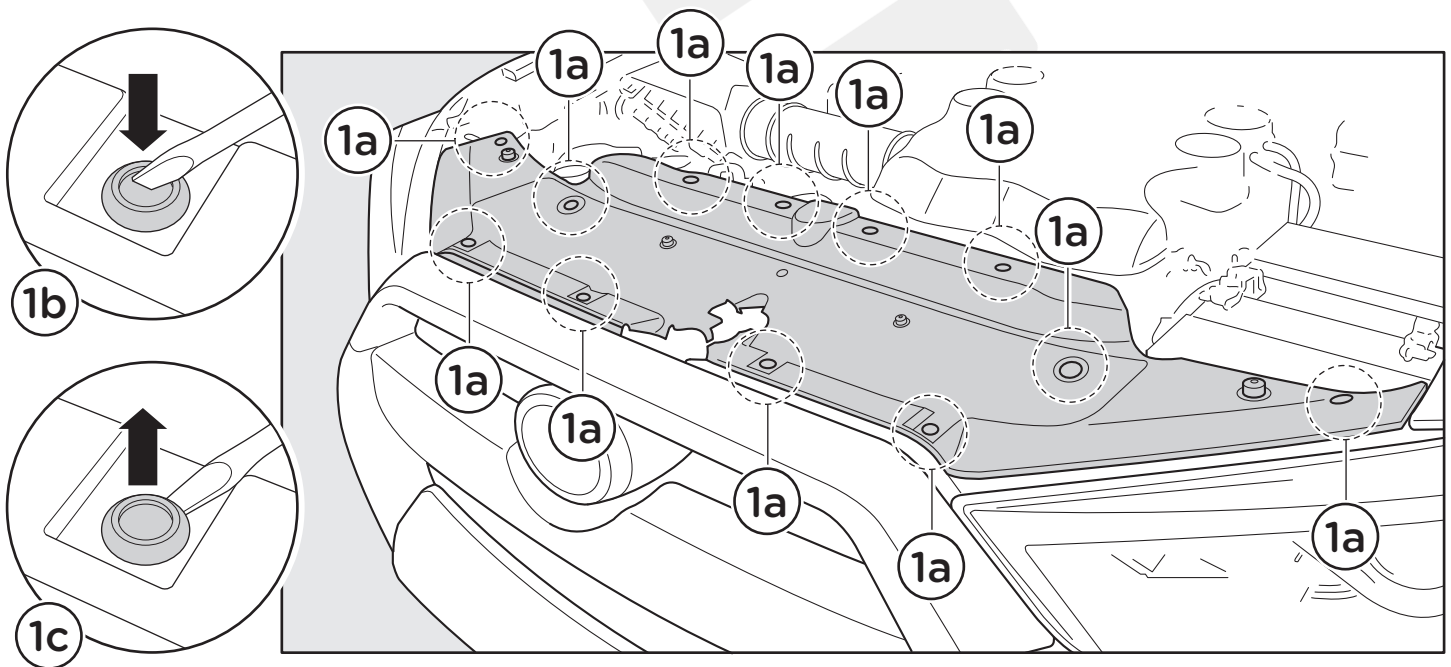
To make room for the Winch, you may have to push the Air Conditioning Line over. Gently apply pressure (do not kink or bend) to the Air Conditioner line until it will clear the Winch. If you are installing an Integrated Winch that has a control bar built into the top of the Winch, you may have to re-locate the existing Power Steering Cooler Line.



## PROCEDURE:

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

1. Locate the 12 plastic clips securing the cover (1a). Push down on the center portion of the clips (1b), then pull/pop them out (1c).

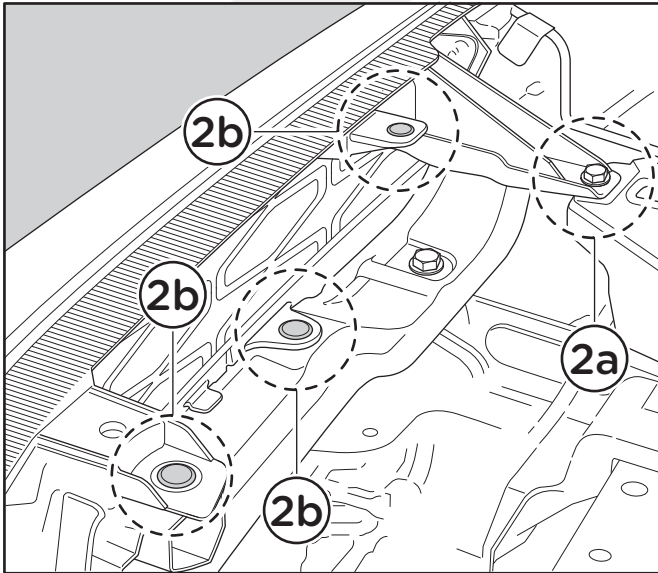




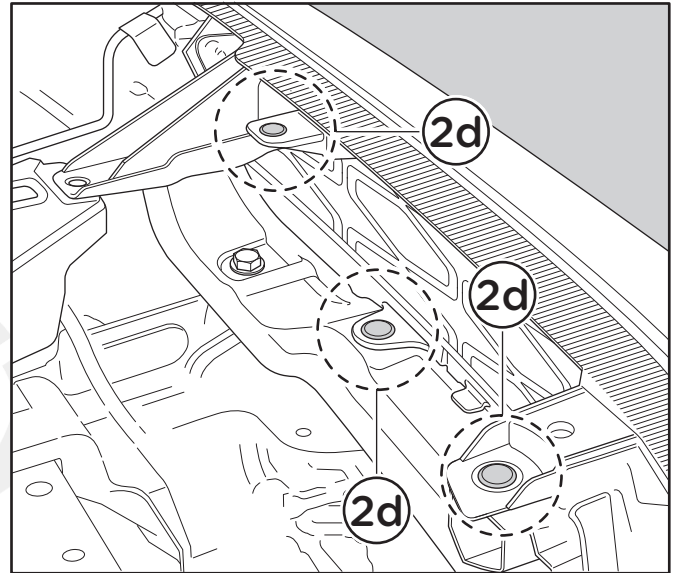
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2. On the Front Driver Side, locate and remove the indicated bolt using a 10mm socket (2a). Locate and remove three Plastic Clips (2b) by prying upward with a flat-bladed screwdriver (2c).

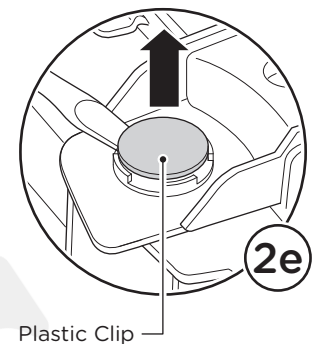
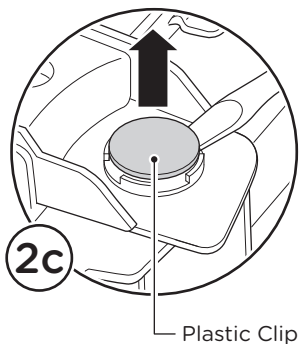
On the Front Passenger Side, locate and remove three Plastic Clips (2d) by prying upward with a flat-bladed screwdriver (2e).



Driver Side Front

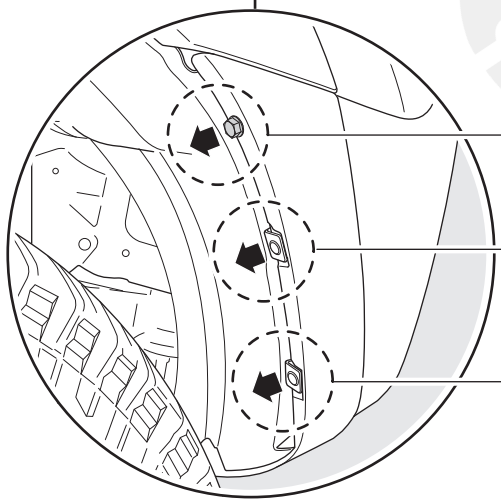
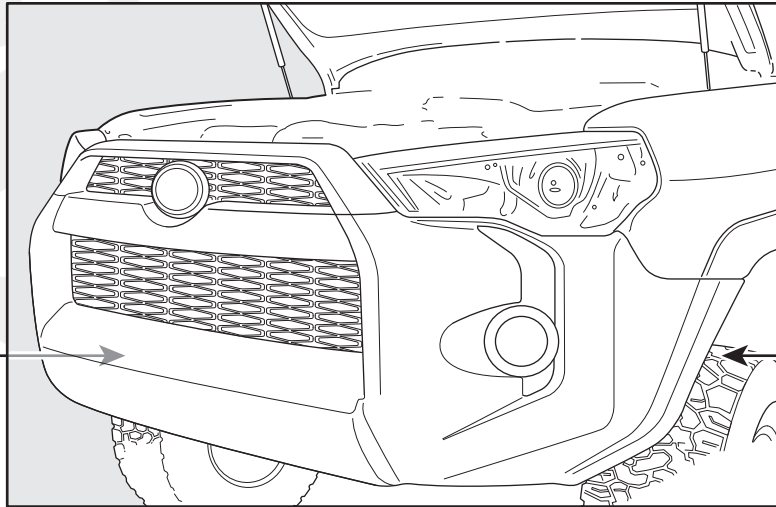


Passenger Side Front

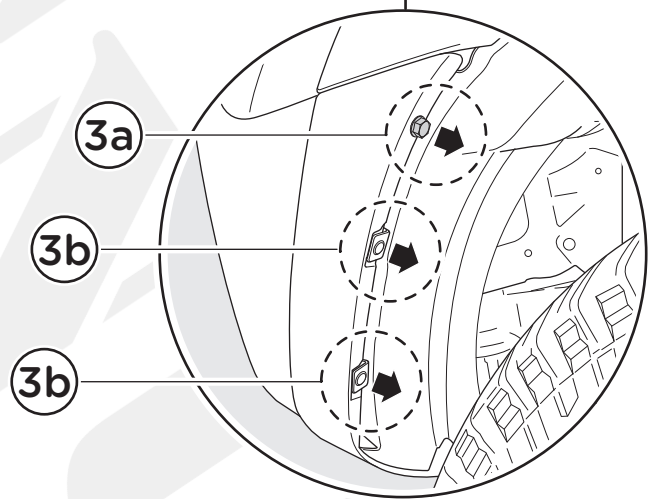


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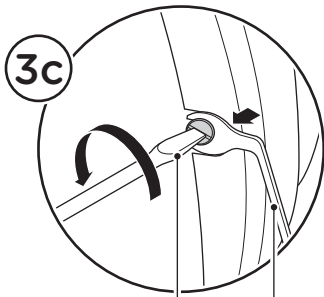
3. Remove one bolt using a 10mm Socket from the Passenger Side and Driver Side Bumper (3a). Remove two Plastic Clips from the Passenger Side and Driver Side Bumper (3b). Use a Screwdriver (to turn the Plastic Clip) and Retainer Removal tool to pop the Plastic Clip off (3c). Push Fender Liners back behind each tire (3d).



Passenger Side Bumper

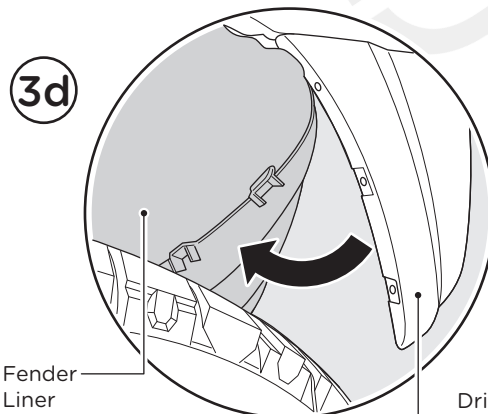


Driver Side Bumper



Screwdriver

Retainer  
Removal Tool

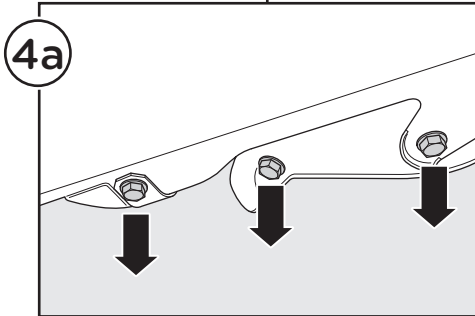
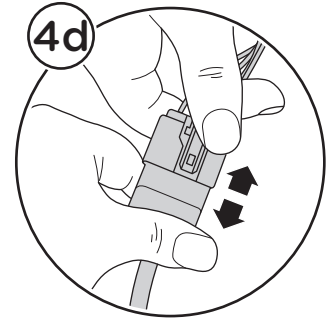
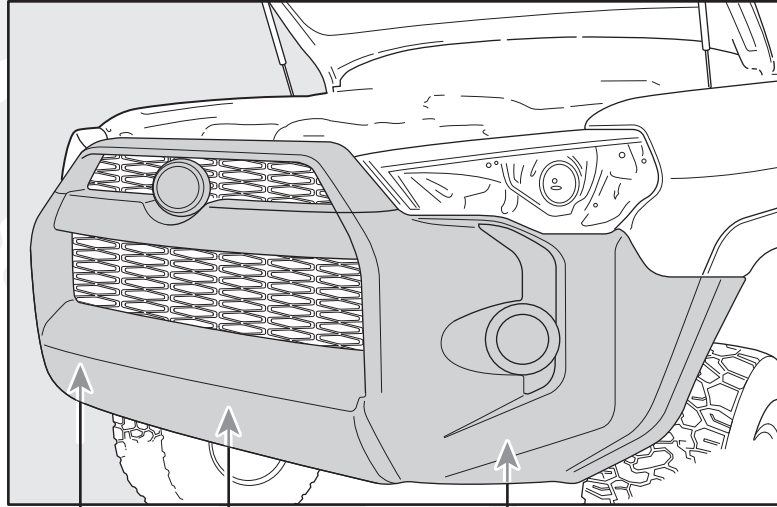


Fender  
Liner

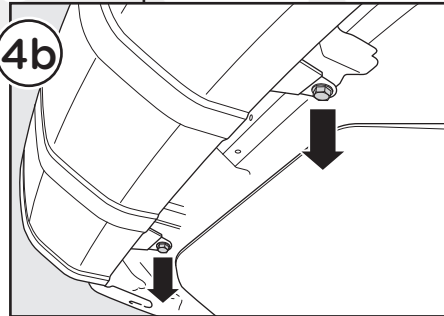
Driver Side And  
Passenger Side Bumper

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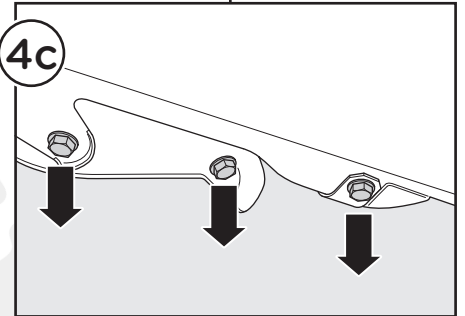
4. Using a 10mm Socket, remove three Screws from the Underside Corner Passenger Side Bumper (4a), two Screws from Underside Front (4b) and three Screws from the Underside Corner Driver Side Bumper (4c). Unclip Fog Lights (4d) while leaving housing in place.



Underside Corner  
Passenger Side Bumper



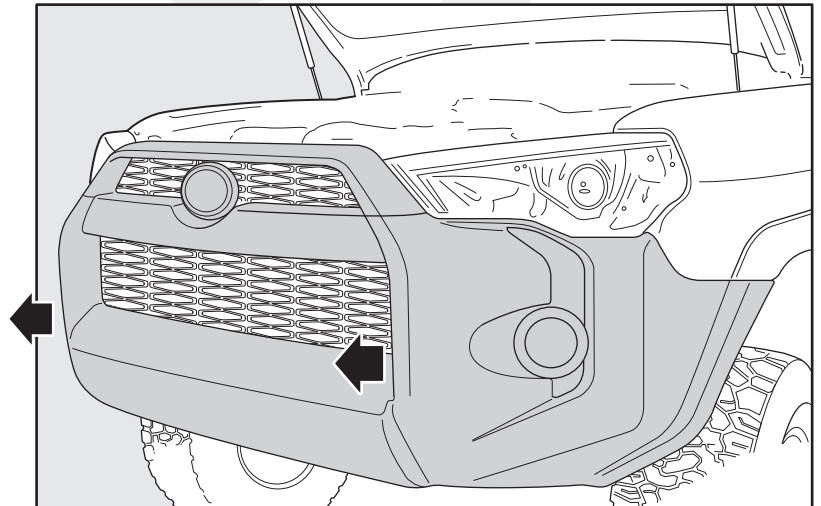
Underside Front Bumper



Underside Corner  
Driver Side Bumper

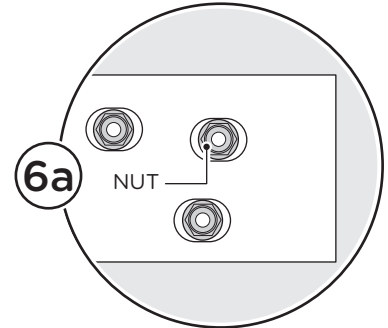
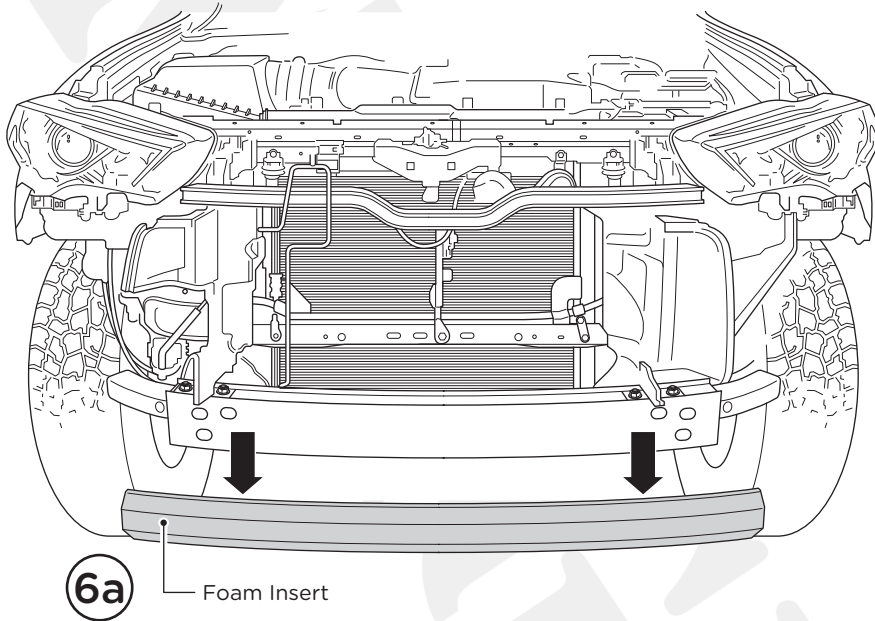
5. Using two people, remove front bumper and set to the side.

**NOTE:** If you have any additional accessories, now would be a good time to disconnect those as well.

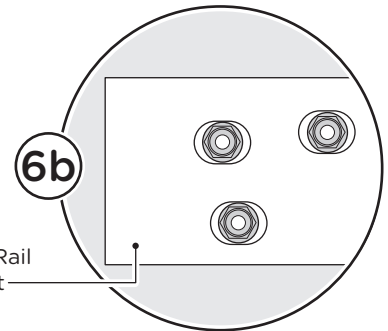


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6. Remove the Foam Insert (6a). To remove the Frame Rail Support, locate and remove three Nuts on both the Driver Side (6b) and Passenger Side (6c) of Frame Rail Support Bar using a 14mm Deep Socket with extension.

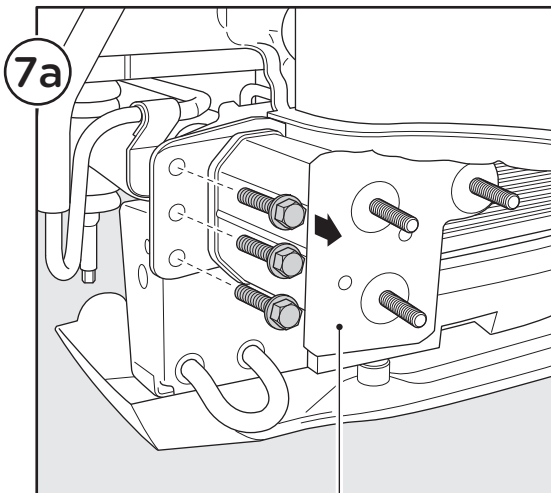


Driver Side Side Aluminum Cross Bar

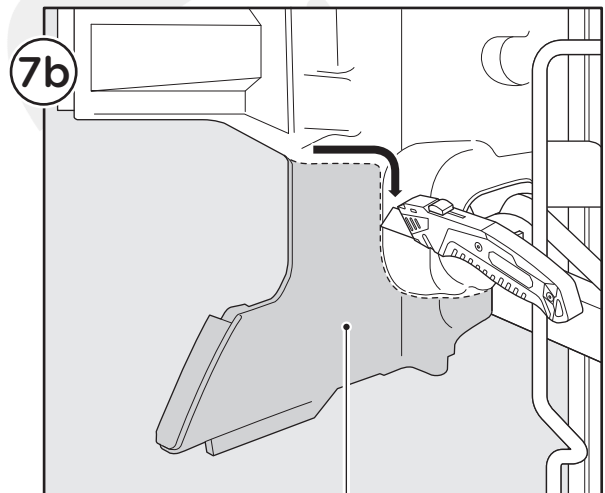


Passenger Side Side Aluminum Cross Bar

7. Remove the Crash Bar Mounting Brackets from the frame by removing three Bolts on each Crash Bar Mounting Bracket using a 14mm socket (7a). Save the hardware to install the new bumper. Locate Plastic Shield on Passenger Side and Driver Side and trim as shown using a Utility Knife (7b).



Crash Bar Mounting Bracket

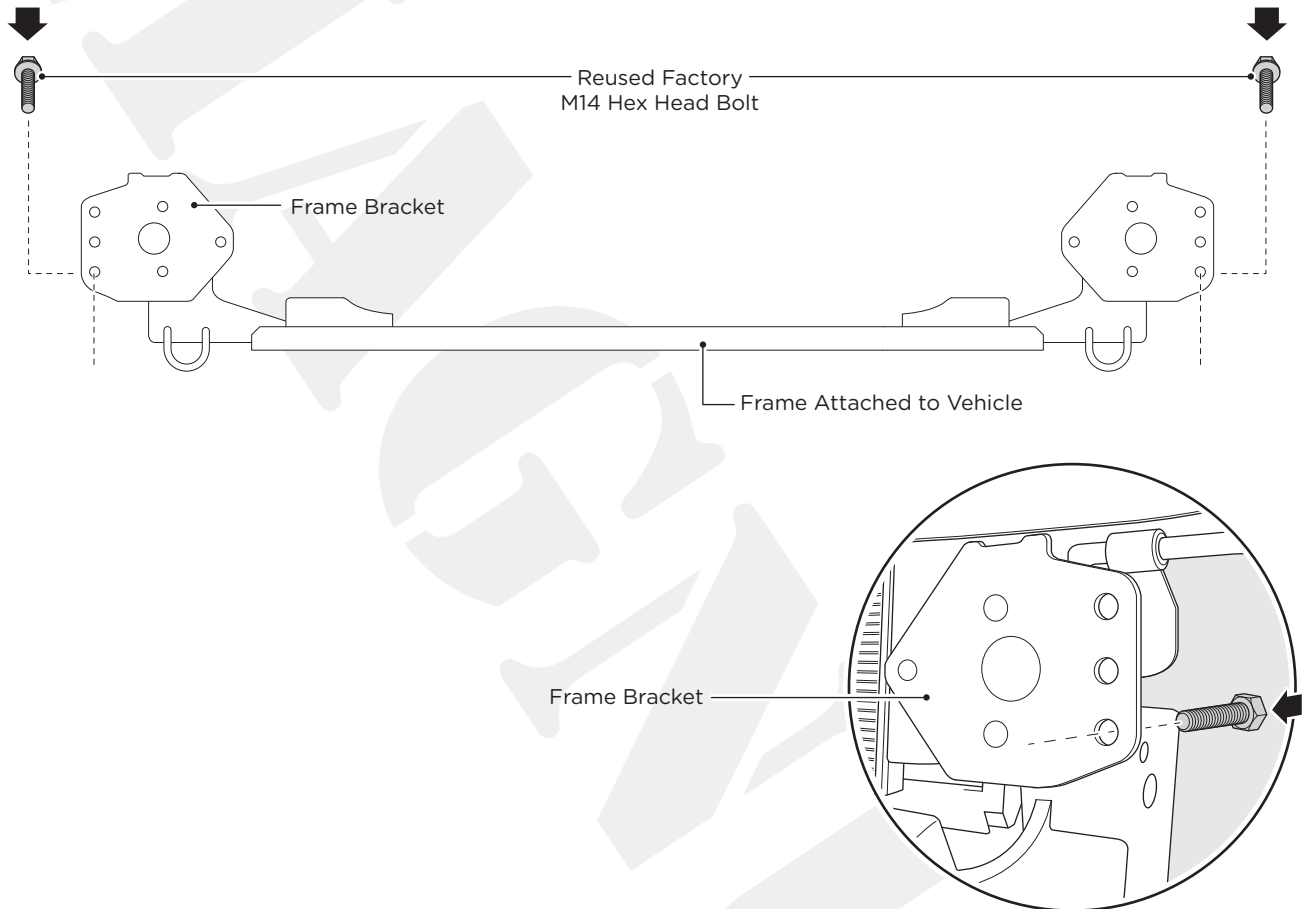


Plastic Shield

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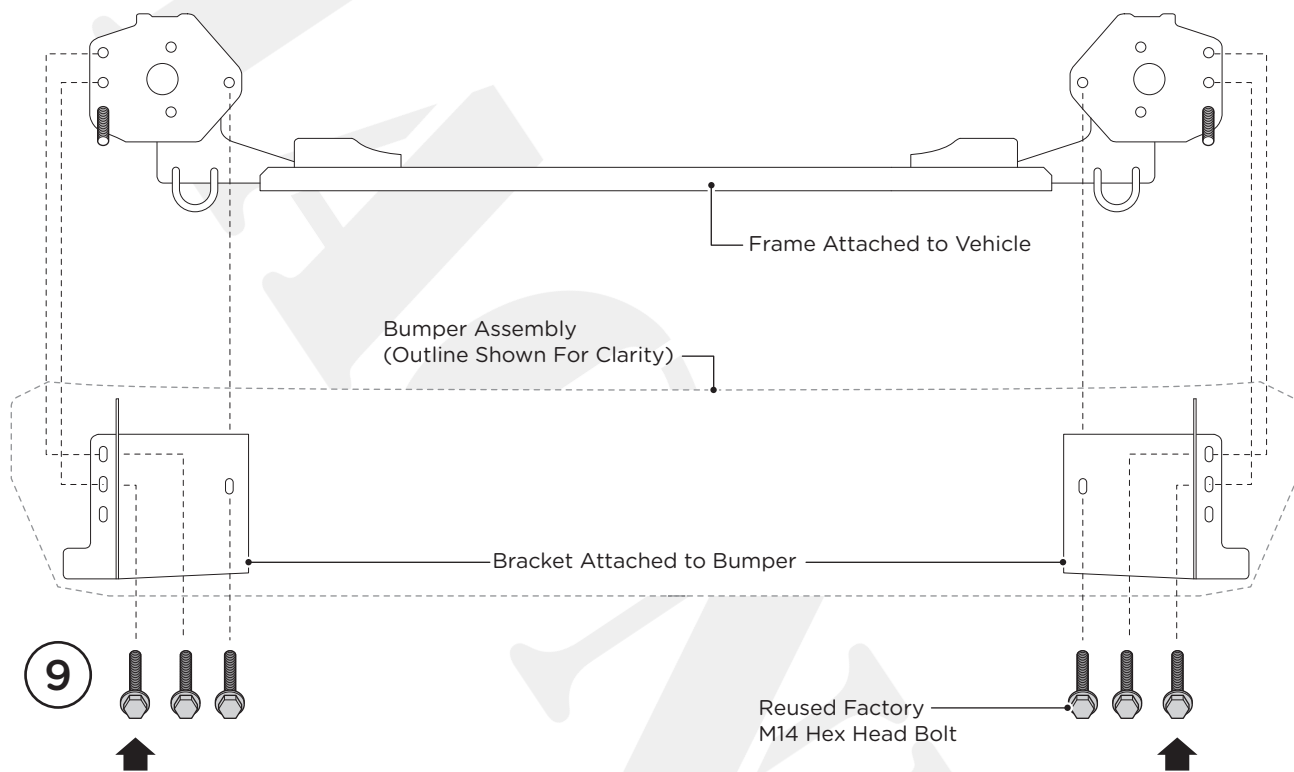
**Note:** To install Front Bumper Assembly, please refer to the simplified diagram below.

- Using one of the re-used Factory M14 Hex Head Bolts, flip the Bolt around and place it through the back-side of each Frame Bracket and thread through Bottom Hole in each Frame Bracket. This will enable you to rest the Bumper onto the Bolts, making it easier to secure the remaining bolts.



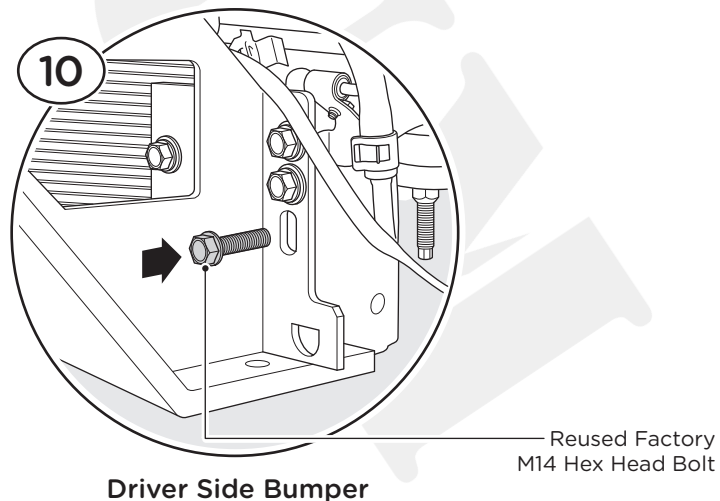
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9. Using a 14mm Socket, secure Bumper Assembly to Vehicle Frame using six Re-used Factory M14 Hex Head Bolts.



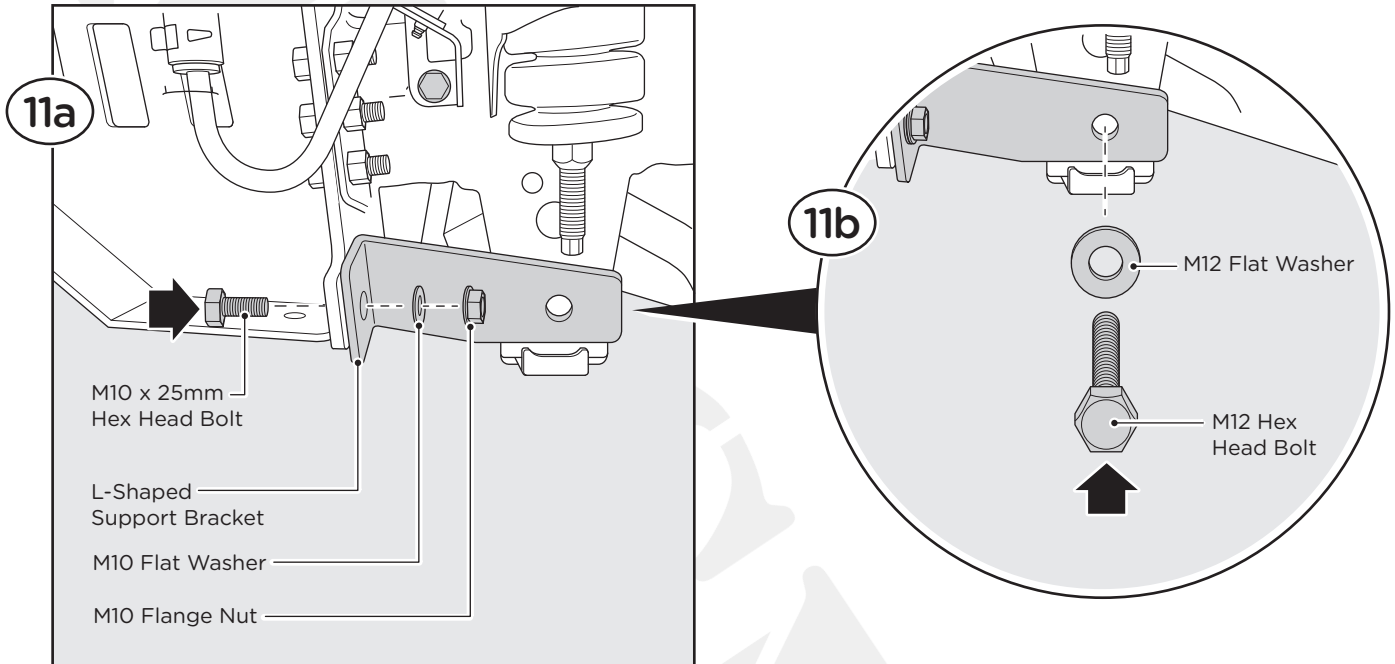
10. Take Factory M14 Hex Head Bolt that was used as a support for the Bumper in Step 8 and remove it from the hole in which it was placed. Spin the Factory M14 Hex Head Bolt 180° and install it through the Hole in Bracket attached to Bumper and into the frame.

Repeat for Passenger Side Bumper.



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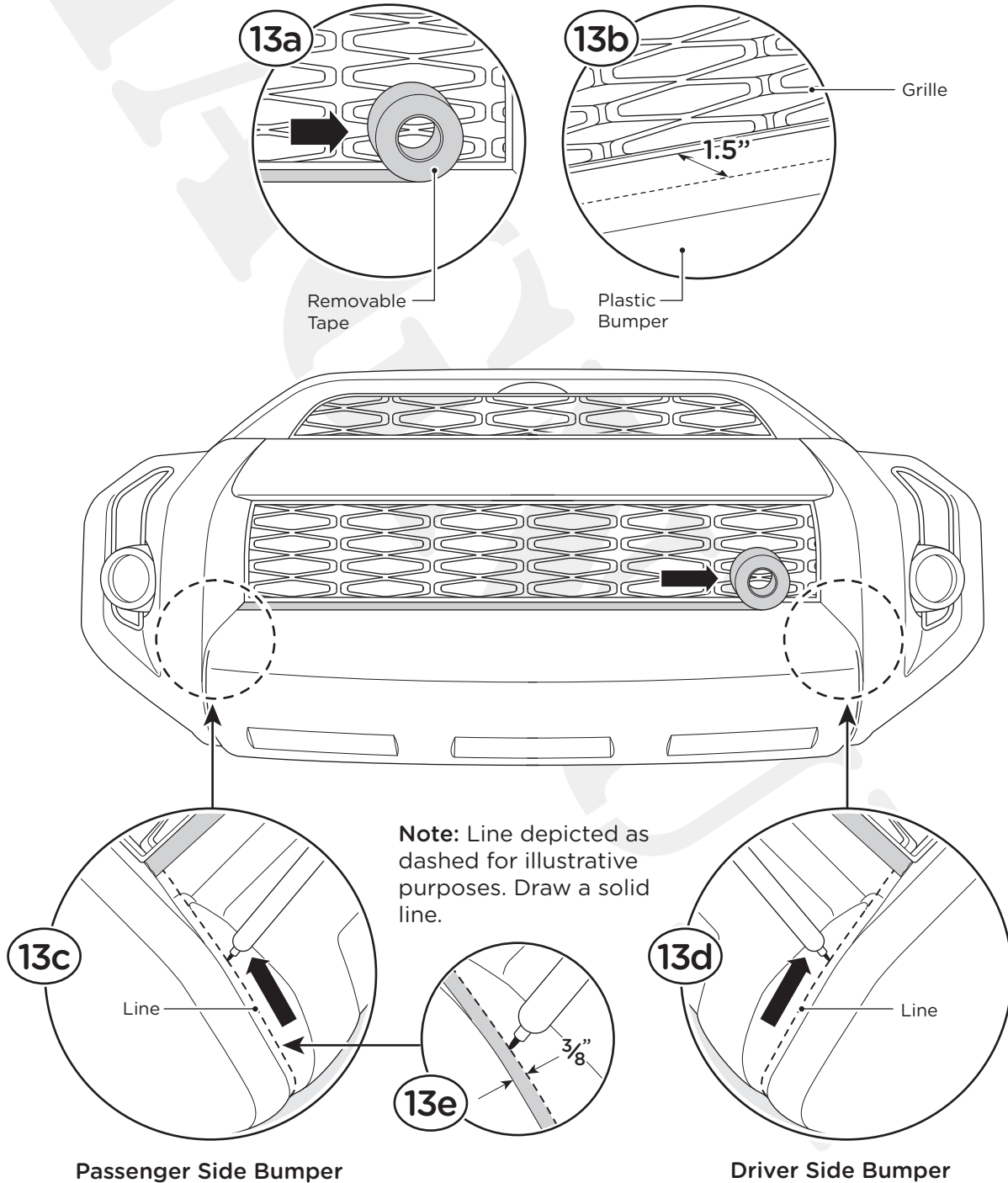
- 11.** Install an L-Shaped Support Bracket on the Driver Side and Passenger Side of the newly installed Bumper. Place each L-Shaped Support Bracket onto the frame and the Bumper. Secure the L-Shaped Support Bracket to the Bumper using one M10 x 25mm Hex Head Bolt, one M10 Flat Washer and one M10 Flange Nut (11a). Next, secure each L-Shaped Support Bracket to Vehicle Frame using one M12 Hex Head Bolt and one M12 Washer (11b).





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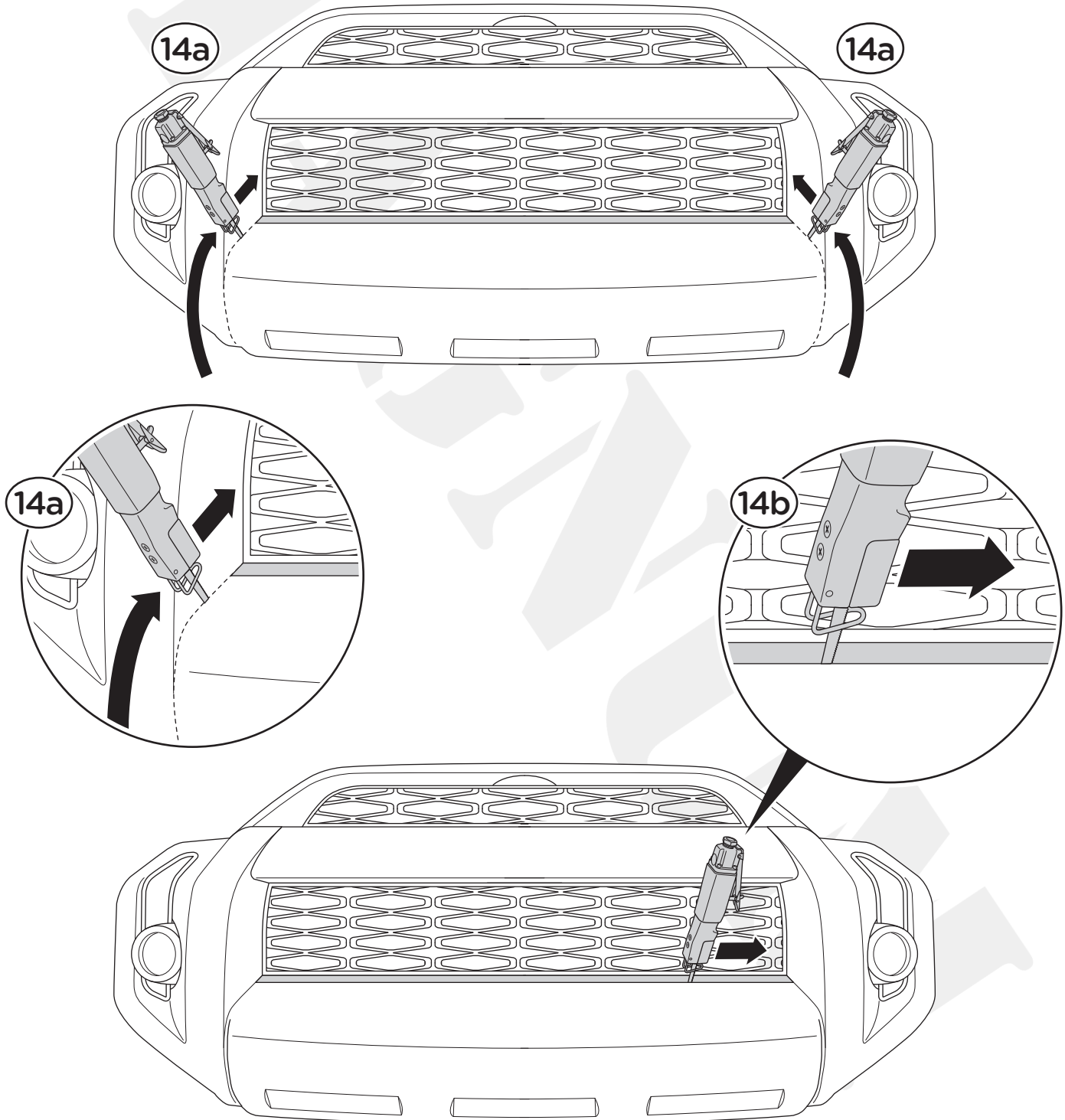
- 12.** Plastic Clips for holding the Valance in place are located behind the Plastic Bumper. Remove these clips with a screwdriver or pliers.
- 13.** A portion of the Plastic Bumper must be cut and removed in order to accommodate the new Bumper. Place a band of Removable Tape onto the Plastic Bumper in front of the Grille (13a). Make sure the edge of the Removable Tape is 1.5" from the Grille (13b). Next locate the Passenger Side and the Driver Side of the Plastic Bumper (13c & 13d). Using a marker, draw a line along the side of the Plastic Bumper, making sure the line is 3/8" toward the **CENTER** of the Plastic Bumper (13e).



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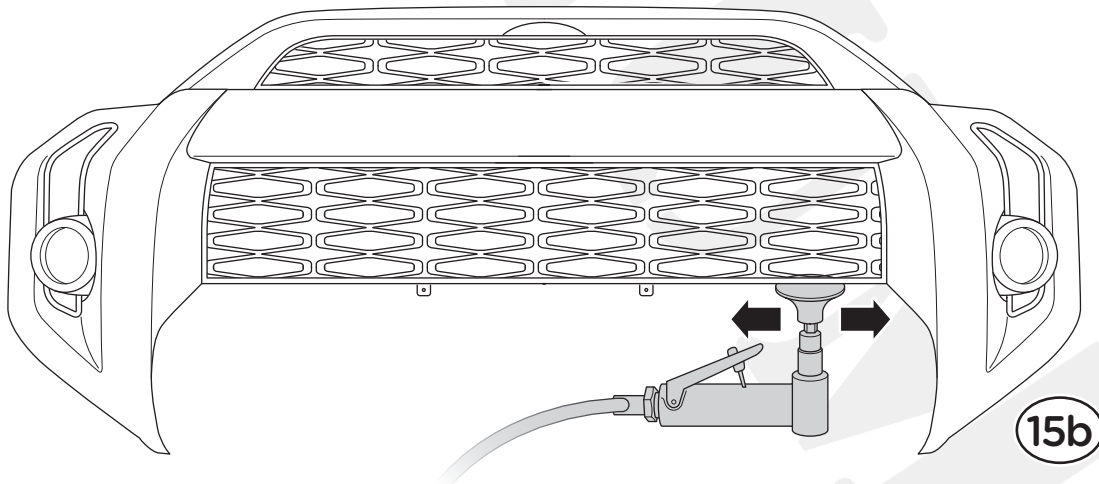
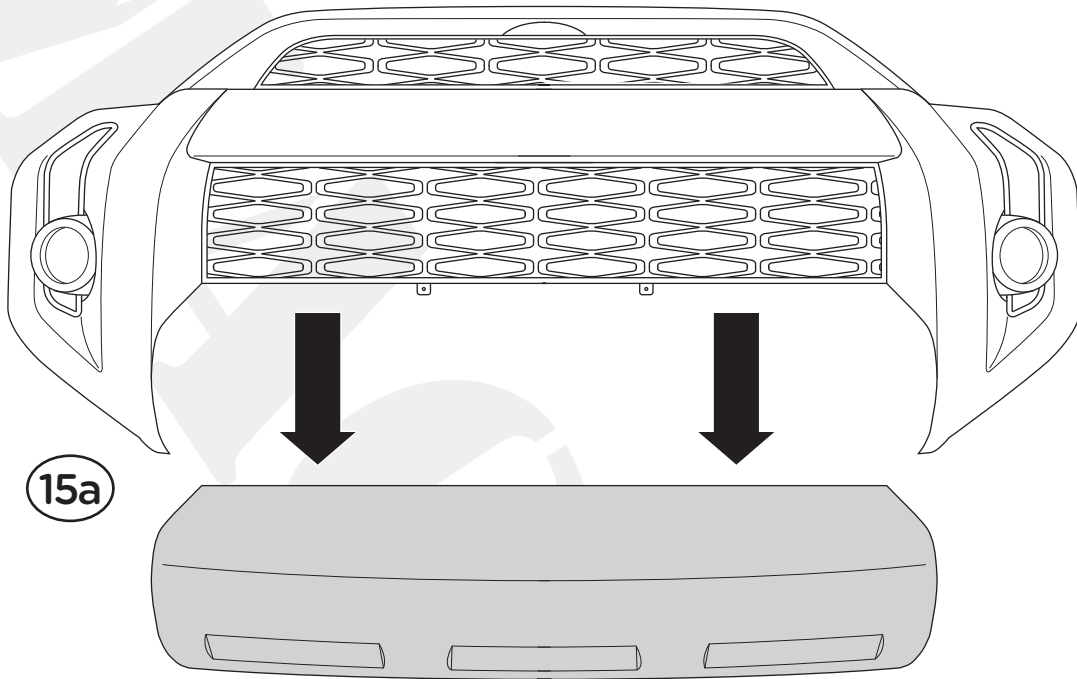
14. Locate the Passenger Side and the Driver Side of the Plastic Bumper. Using a Body Saw, carefully cut along the previously marked lines (14a). Next, cut along the Removable Tape (14b).

**IMPORTANT:** For best fit, leave an extra 1/8" - 1/4" of material when cutting to make any adjustments at the end of the installation as necessary.



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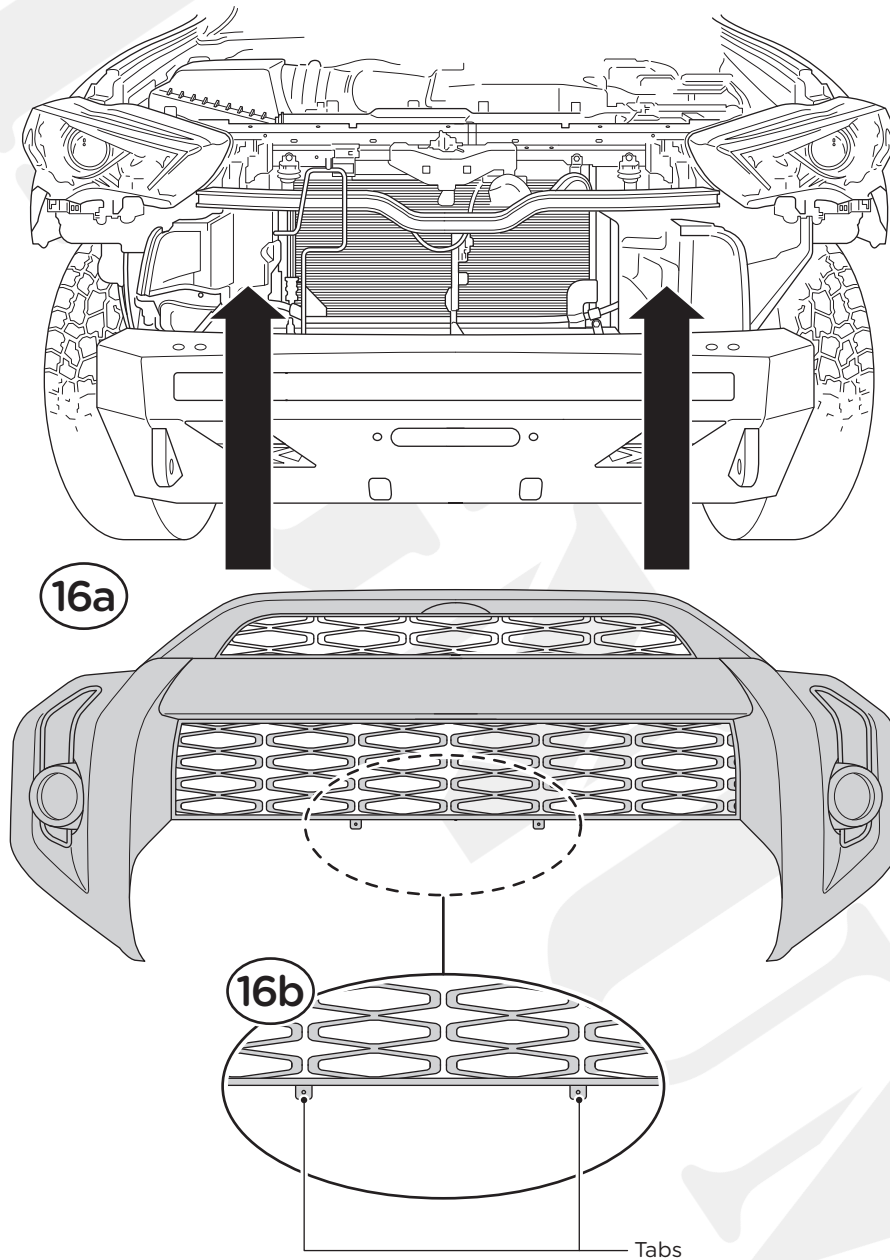
15. Remove cut portion of Plastic Bumper (15a). Use an Angle Grinder to smooth out any rough edges caused by the cutting (15b).



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16. Using two people, carefully place trimmed Plastic Bumper onto vehicle above the newly installed Bumper (16a).

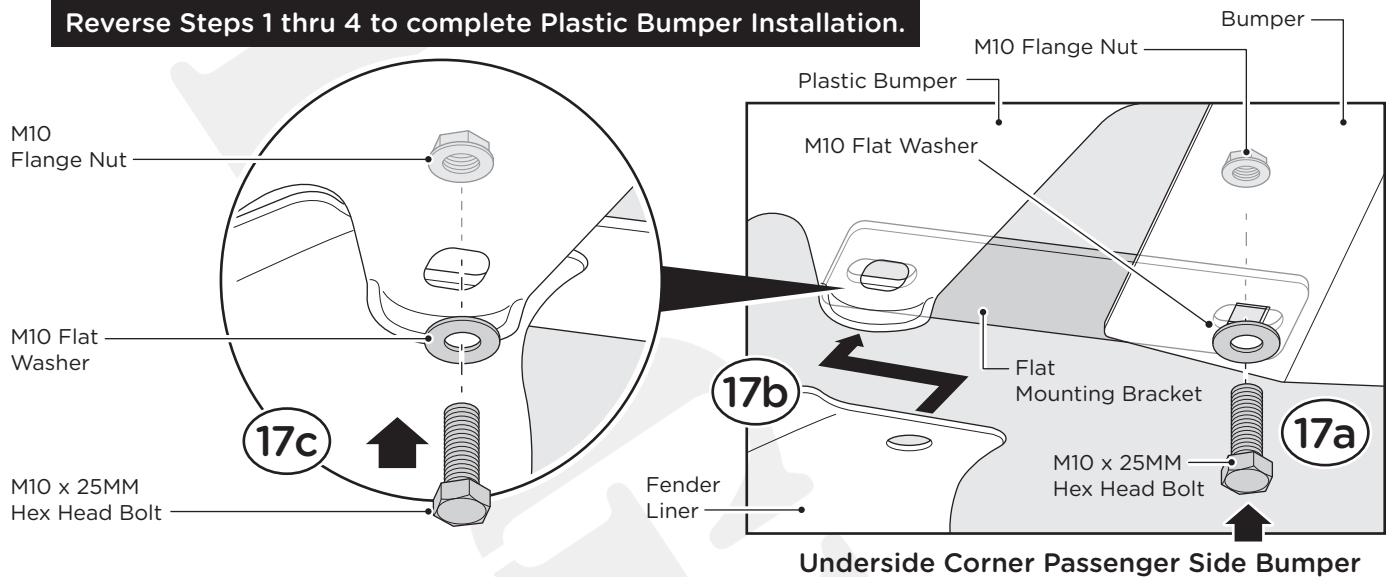
**Note:** There are 2 tabs located at the bottom of the Plastic Bumper that may need to be removed as they might interfere in the proper fitting of the Plastic Bumper (16b)



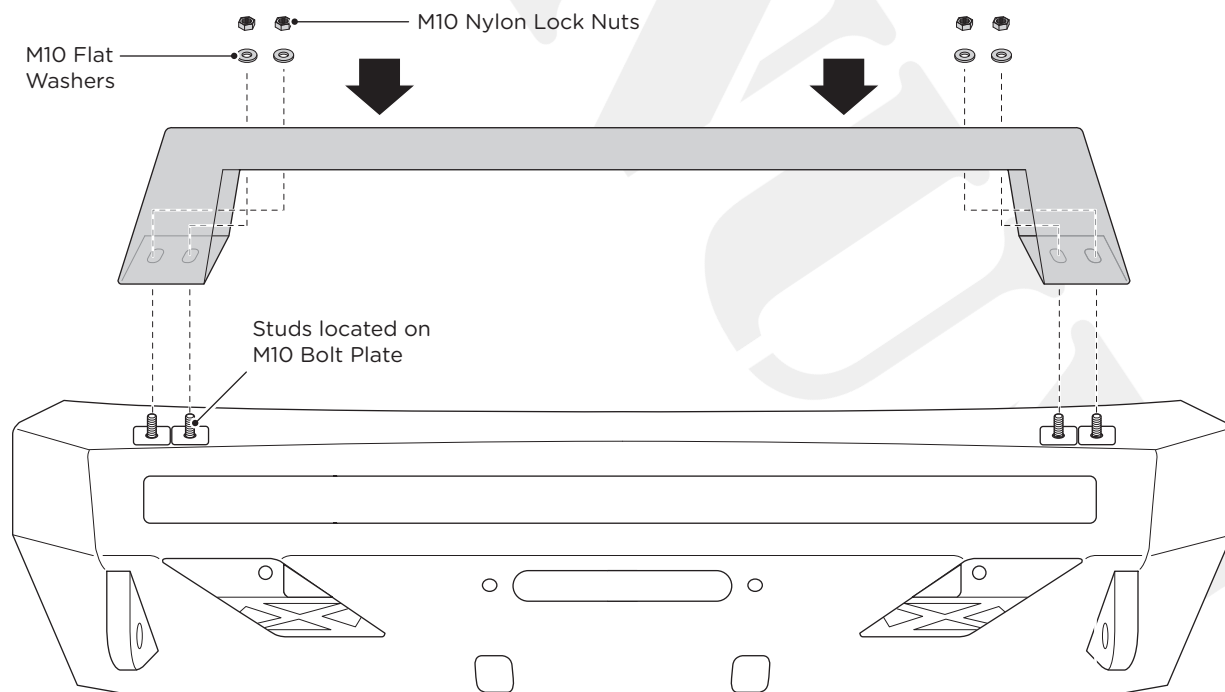
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17. Locate the Underside Corner Passenger Side Bumper. Place Flat Mounting Bracket on top of Plastic Bumper and Bumper as shown. Secure Flat Mounting Bracket to Bumper using one M10 x 25mm Hex Head Bolt, one M10 Flat Washer and one M10 Flange Nut (17a). Next insert the Fender Liner between the Plastic Bumper and the Flat Mounting Bracket (17b). Secure the Fender Liner, Flat Mounting Bracket and Plastic Bumper together with one M10 Hex Head Bolt, one M10 Flat Washer and one M10 Flange Nut (17c). Repeat for Underside Corner Driver Side Bumper.

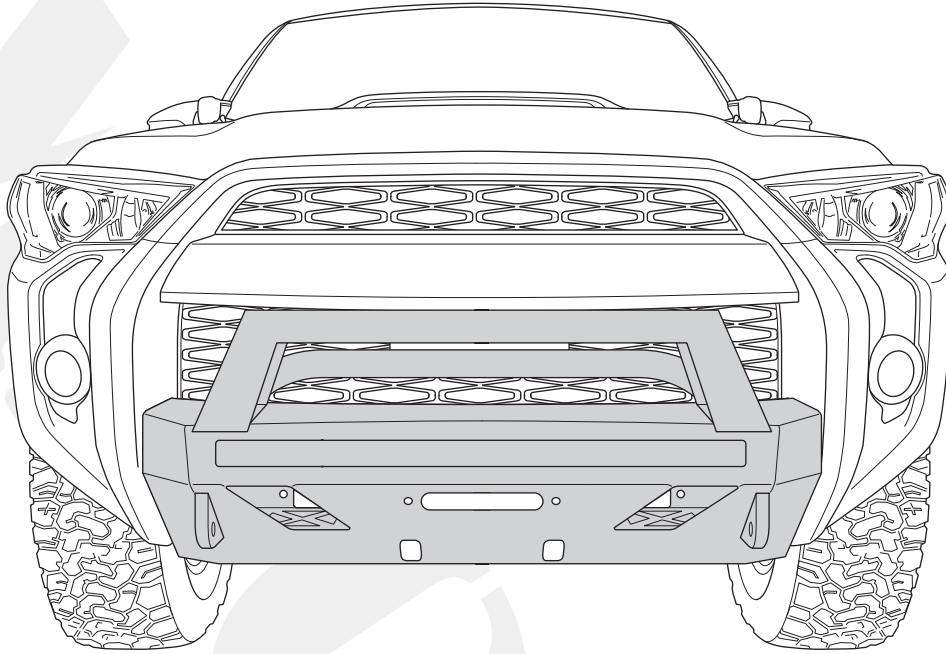
**Reverse Steps 1 thru 4 to complete Plastic Bumper Installation.**



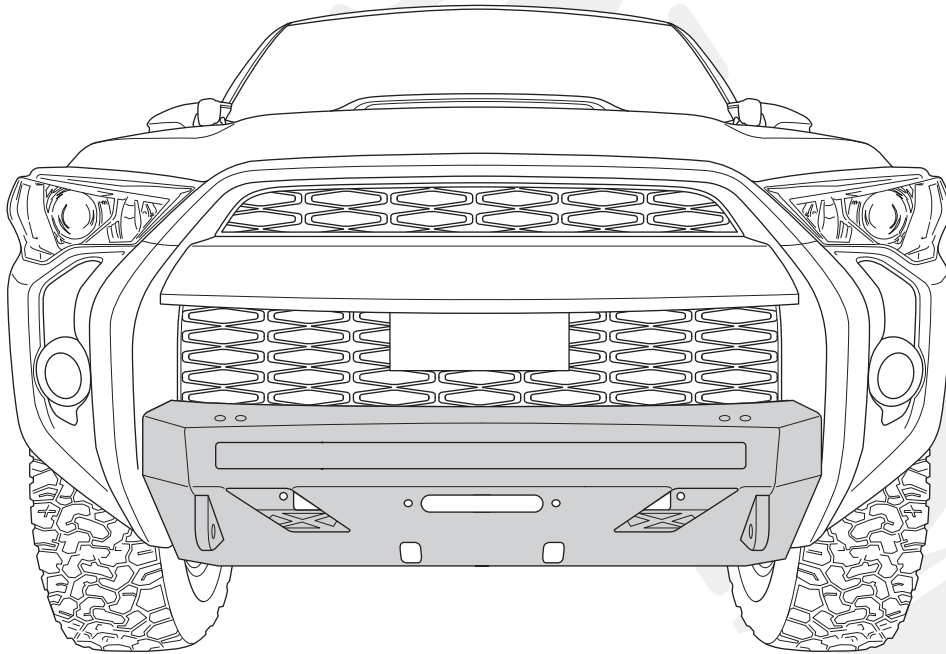
18. If installing optional RT Bar, place RT Bar onto Bumper and secure by securing one M10 Flat Washer and one M10 Nylon Lock Nut onto each Stud located on M10 Bolt Plate.



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**Completed installation with optional RT Bar**



**Completed installation without optional RT Bar**