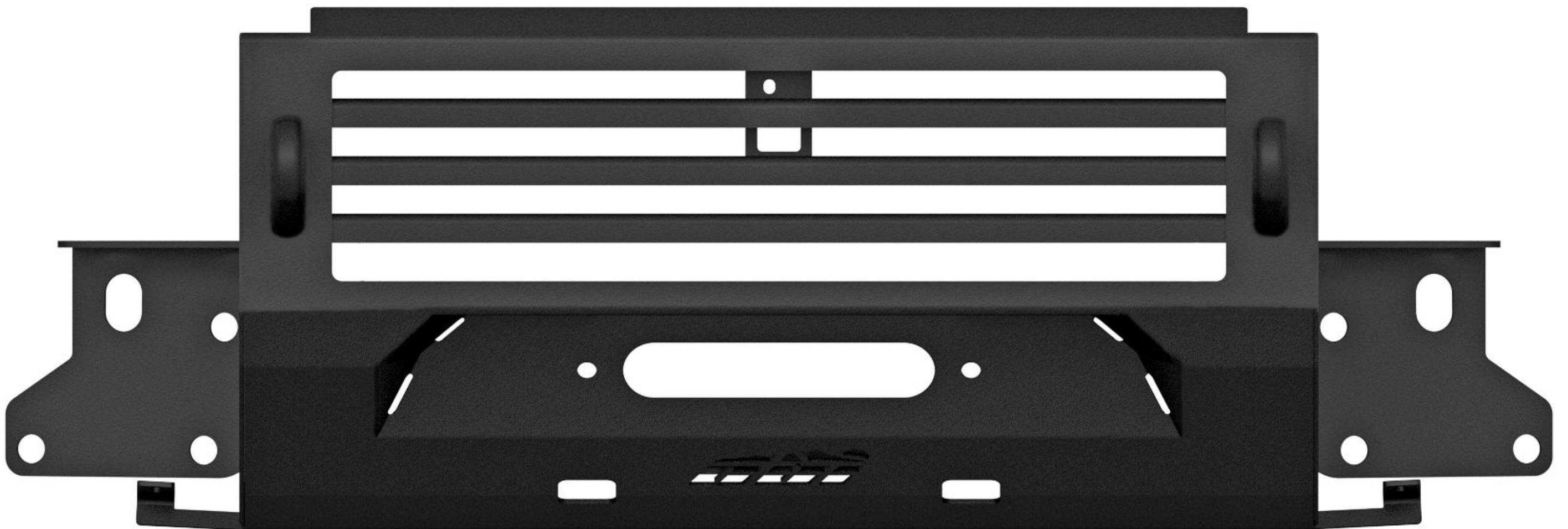


LC 250

BUMPER



Applications

installation instructions

These installation instructions apply to the following CBI Offroad Fab products

– **Toyota Land Cruiser 250 Series** Covert Bumper | 2024 +

IMPORTANT!

Thank you for purchasing this CBI Offroad Fab product. Please read through this entire document before proceeding with installation. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Check your packages immediately upon arrival to ensure that everything listed is included, and to check for damage during shipping. ***If anything is missing or damaged, or if you need technical assistance with any aspect of this installation, call CBI Offroad Fab at (208) 528-0664 as soon as possible.***

IMPORTANT!

All products built and designed by CBI Offroad Fab products are intended for off-road use and should be assembled, installed, and used according to CBI Offroad Fab's recommendations. CBI Offroad Fab products should be used safely with good judgment towards others and the environment. By installing CBI Offroad Fab products on your vehicle you assume all liability. CBI Offroad Fab will not be held liable for damages or loss associated with the installation or use of its products.

Be smart, use good judgement, don't overload your vehicle to the point of inferior handling and maneuverability!

*** WARNING ***

Neither the seller nor the manufacturer will be liable for any loss, damage, or injury directly or indirectly arising from the use of or

inability to determine the use of these products. Before using, the user shall determine the suitability of the product(s) for its intended use(s), and

the user shall assume all responsibility and risk in connection therewith.

Note for Dealers and Installers:

Read through all instructions before starting install. It is your responsibility to ensure instructions are given to the end user or client.

Hardware Included

Qty	Hardware Item ↑	Part #	Bag Number ↑	Where Used
4	1/2"-13 Steel Nylon-Insert Flange Nut Zinc		1	Frame Mounting - Top
4	1/2"-13 x 1" Steel Flanged Hex Head Screw Zinc		1	Frame Mounting - Top
2	1/4"-20 Steel Hex Flange Nut Zinc		2	Camera Mounting
2	1/4"-20 x 1" Stainless Steel Button Head Hex Drive Screw Magni 525		2	Camera Mounting
2	1/4"-20 Steel Hex Flange Nut Zinc		3	Lightbar Brackets
2	1/4"-20 x 1" Steel Carriage Bolt Zinc		3	Lightbar Brackets
4	1/4"-20 Steel Nylon-Insert Flange Nut Zinc		4	Light Pod Bracket
4	1/4"-20 x 1" Steel Carriage Bolt Zinc		4	Light Pod Bracket
2	1/4"-20 Steel Hex Flange Nut Zinc		5	Plastic Retention Brackets
2	1/4"-20 x 1" Stainless Steel Button Head Hex Drive Screw Magni 525		5	Plastic Retention Brackets
2	M6x1 Steel Nylon Insert Lock Nut Zinc		5	Plastic Retention Brackets

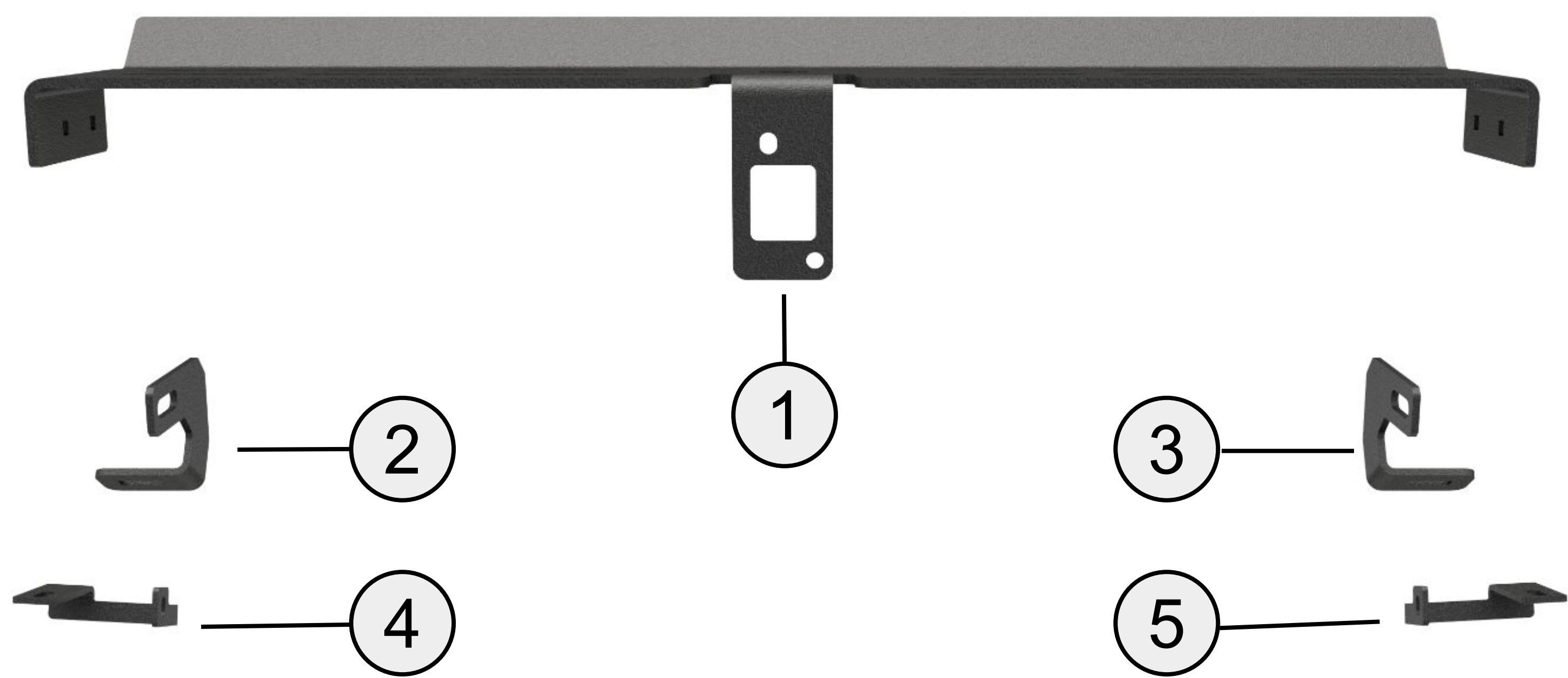
Tool Required

- 10mm wrench/socket
- 17mm wrench/socket
- 3/4“ wrench/socket
- 7/16“ wrench/socket
- 5/32“ allen
- Phillips screwdriver
- Flat head screwdriver
- Ratchet
- Cutting tools

Est. Installation Time:

- 4-6 hours

Loose Parts Included



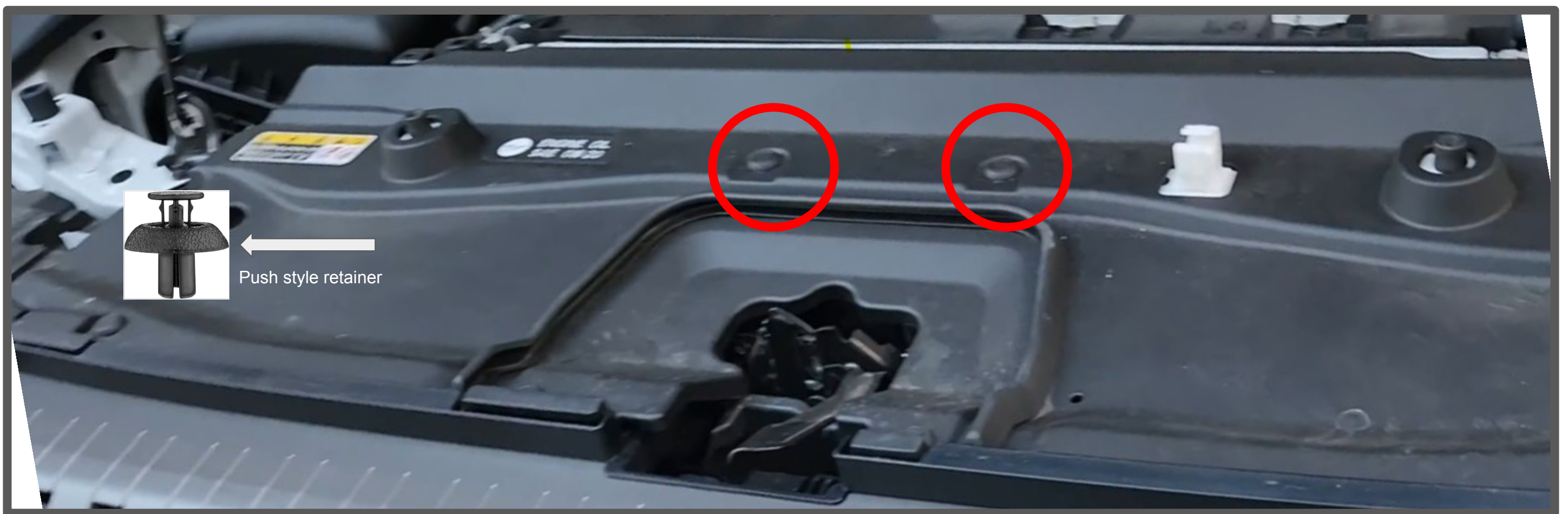
Item	Description	QTY.
1	Light Pod Mounting Bracket	1
2	Light Bar Bracket - Driver Side	1
3	Light Bar Bracket - Passenger Side	1
4	Plastic Retention Bracket - Driver Side	1
5	Plastic Retention Bracket - Passenger Side	1

Disassembly

Step 1:

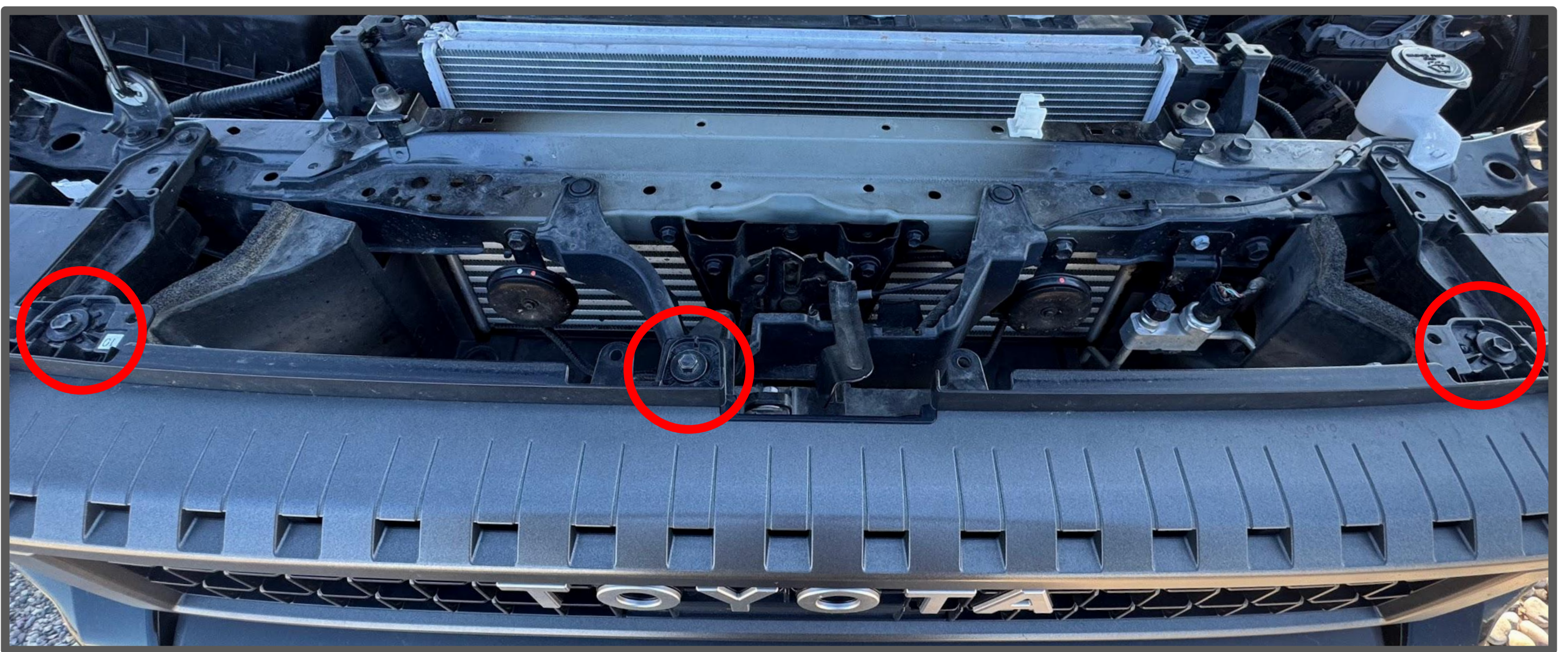
Begin by removing the plastic trim covering the radiator core and intake inlet.

- There are push style retainers holding the trim and inlet in place. Remove by pressing in the center of the retainer, and then carefully prying them out.



Step 2:

Begin removing the front fascia of the vehicle by removing the three fasteners on top of the grill using a *10 mm wrench / socket*.



Disassembly

Special Note:

Some models have a lower plastic air shroud at the bottom of the front fascia that will also need to be removed. It will be held in place using a combination of screws and plastic clips similar to those shown in the steps below.

Step 3:

Start removing the fender from the wheel well liner. A combination of plastic clips and screw hold them together. A *10 mm wrench / socket* or a *phillips head screwdriver* can be used to remove the screws. The plastic clips can be removed by using a *flat head screwdriver* or *pick* to pry the center portion upwards to release the clips.



Step 4:

Pull fender partially away from the vehicle. This will expose an additional screw that can be removed using a *10 mm wrench / socket* or a *phillips head screwdriver*. Then repeat steps *3* and *4* on the opposite side of the vehicle.



Disassembly

Step 5:

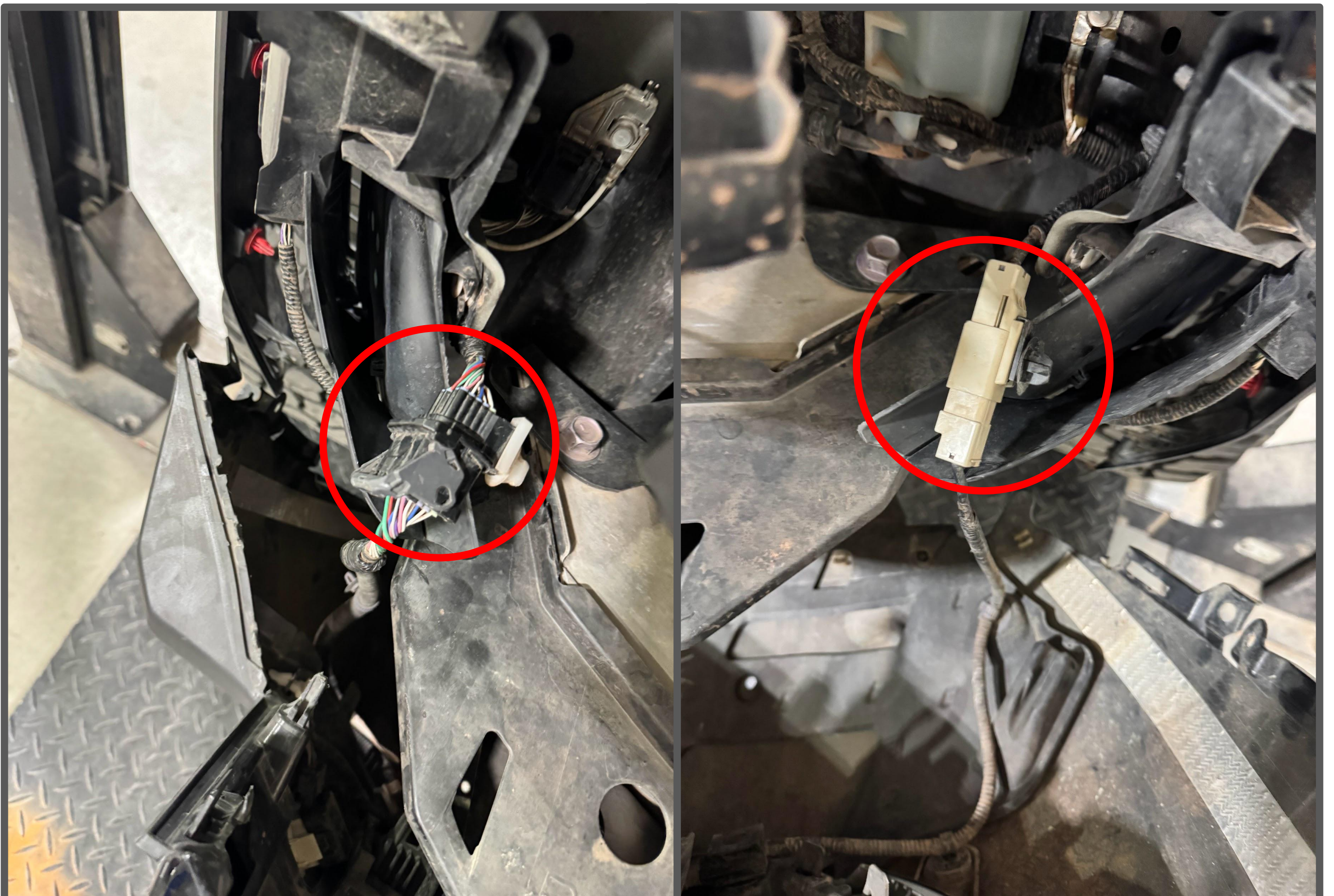
Now pull the fascia partially away from the vehicle. The portion shown below is what will pull away from the vehicle

- Fascia has retaining tabs located around both headlights. Carefully pull out from the vehicle around these location to pop retaining tabs out.
- The top of the fascia has small locating tabs that the top brackets need to be lifted off of.
- Once all retaining locations have been popped off, the fascia can be removed by pulling forward.



Step 6:

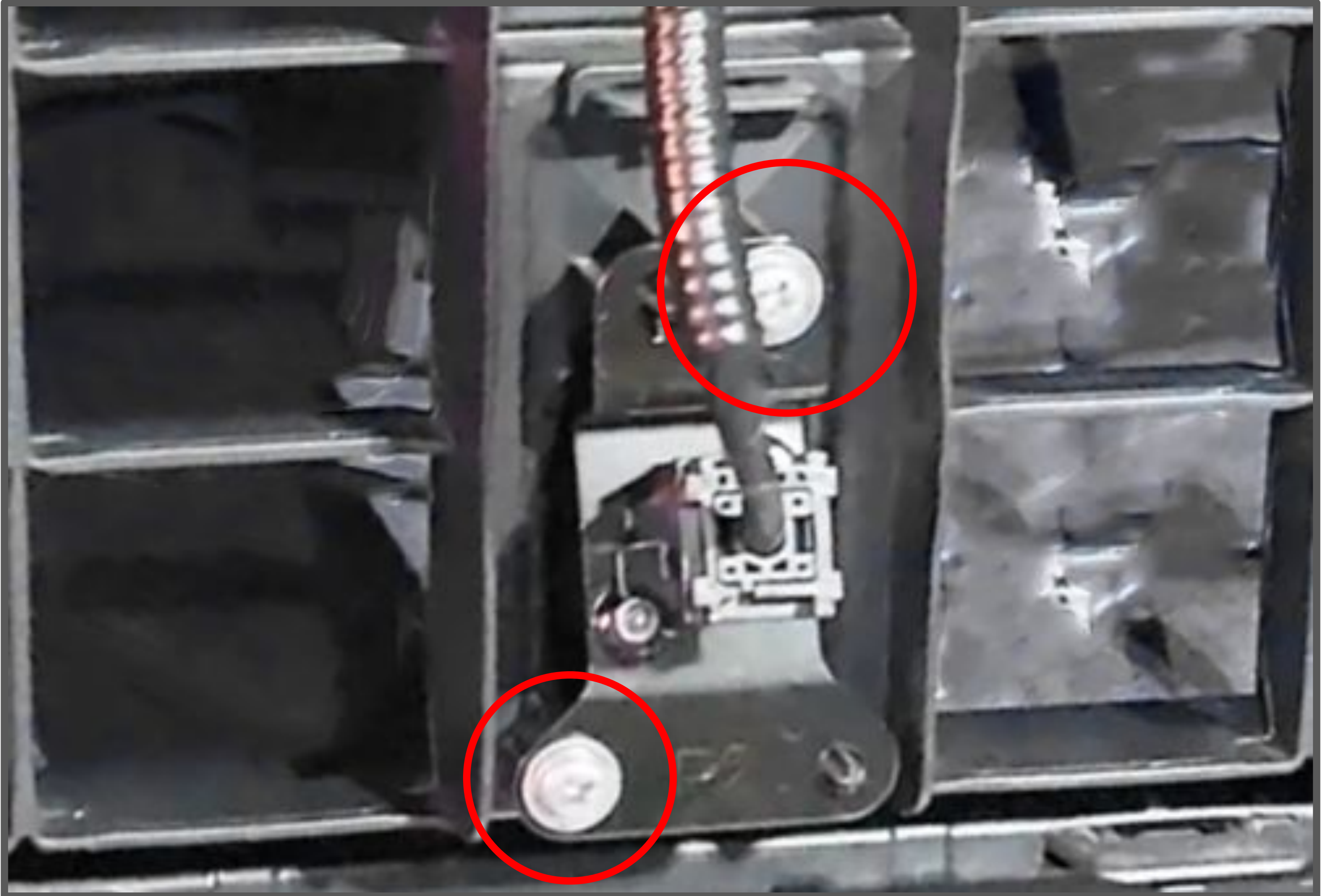
With the fascia pulled away from the vehicle, two electrical connections will become exposed, one toward each side of the vehicle. These will need to be unplugged.



Disassembly

Step 7:

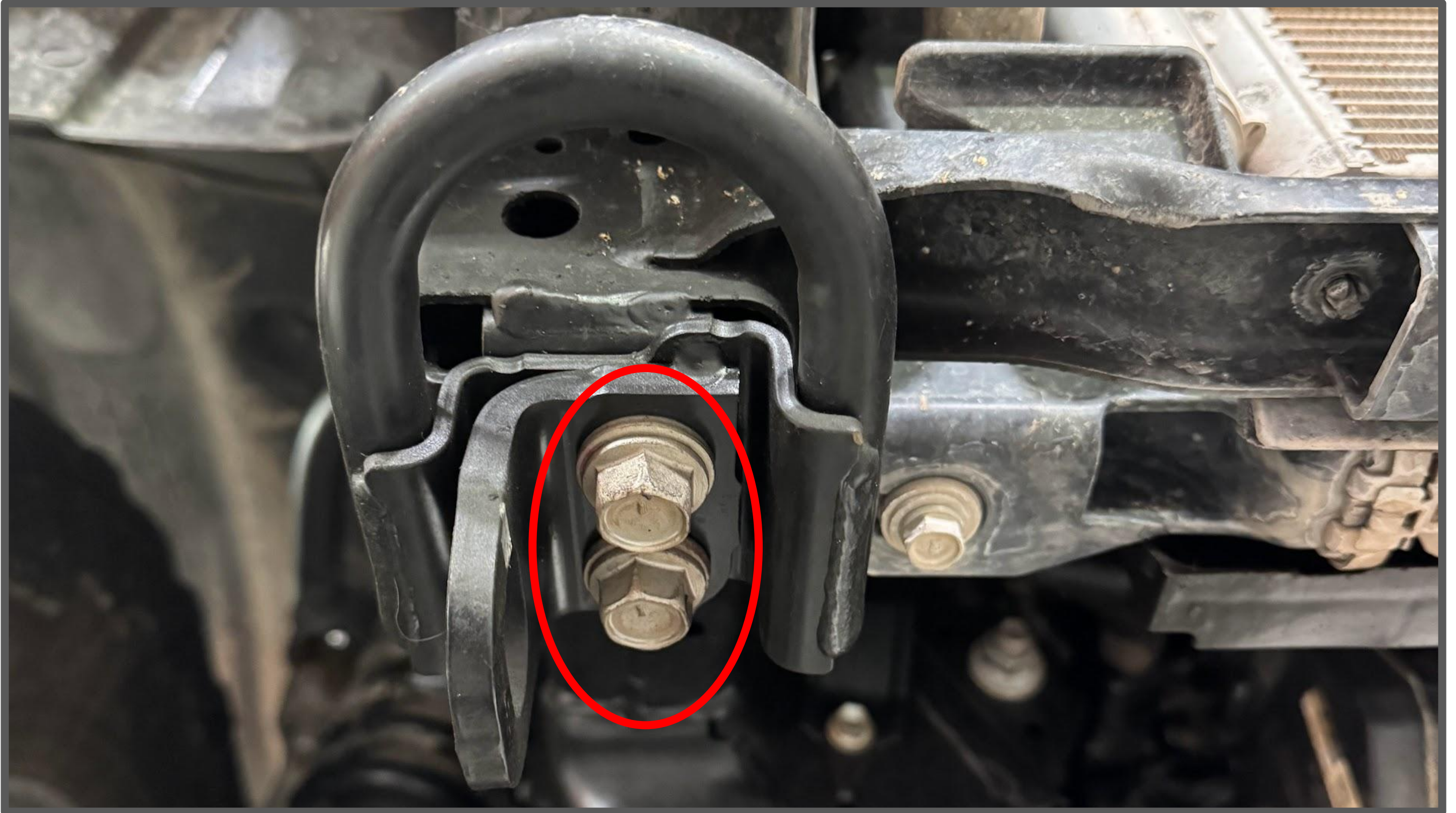
Unplug the front facing camera and remove the two screws holding the camera and its mounting bracket in place using a *phillips head screwdriver*.



Disassembly

Step 8:

Remove the factory tow hooks from both sides using a *17 mm wrench / socket*.



Step 9:

Remove crash bar from vehicle using a *17mm wrench / socket* remove 4 bolts on top of crash bar and 4 bolts on bottom of the crash bar

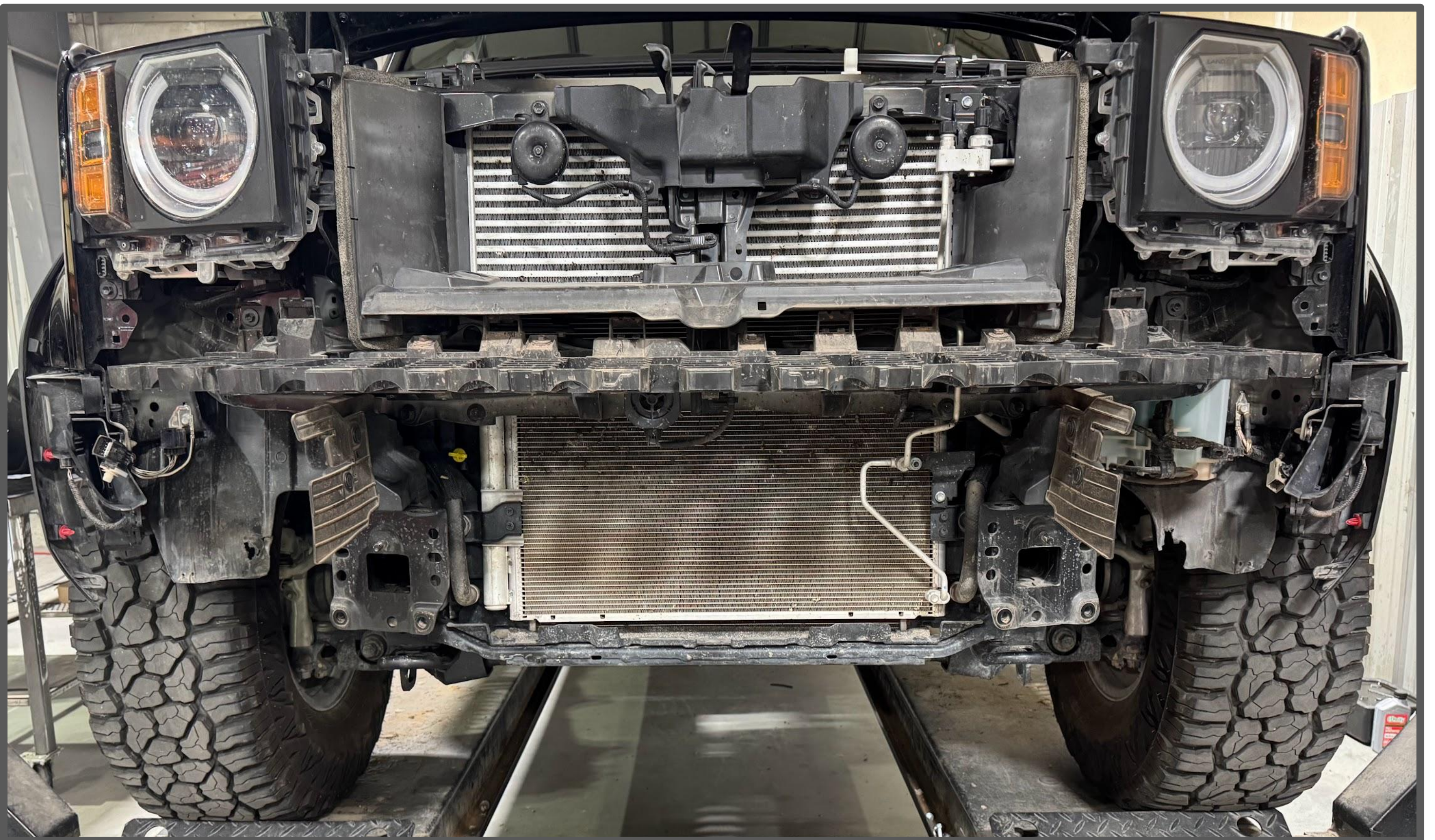


Disassembly

Step 9 Cont'd:



Disassembly completed:



Cutting

Recommend cutting tools:

- Small/medium cutting wheel
- Small reciprocating saw
- Flat sanding disc
- File
- Deburring tool or razor



Cutting the front fascia in preparation front bumper installation:

- Verify no wiring will be damaged when performing the cut. If necessary remove retaining clips to move wiring out of the way.
- Recommended to leave an 1/8" of clearance where possible on first rough cut, and sand up to final cut line with flat sanding wheel. Clean up remaining plastic slag with deburring tool or razor.

To prevent unwanted damage, tape up areas surrounding the cut. Painters tape work well for this application.

Cutting

Step 1:

Mark the cutline as outlined below using *painters tape*.



Step 2:

Using a *cutting wheel* begin cutting into the fascia, starting from the bottom and working up.



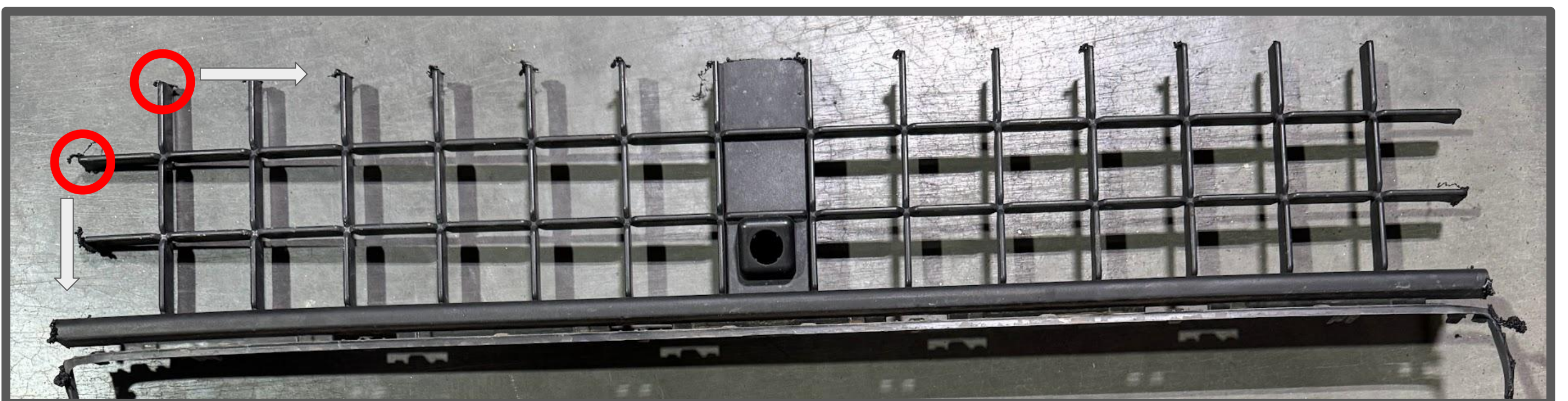
Cutting

Step 2 continued:



Step 3:

A small *reciprocating saw* can be used to cut the end point of the grid style feature on the upper part of the area of grill being removed



Cutting

Step 4:

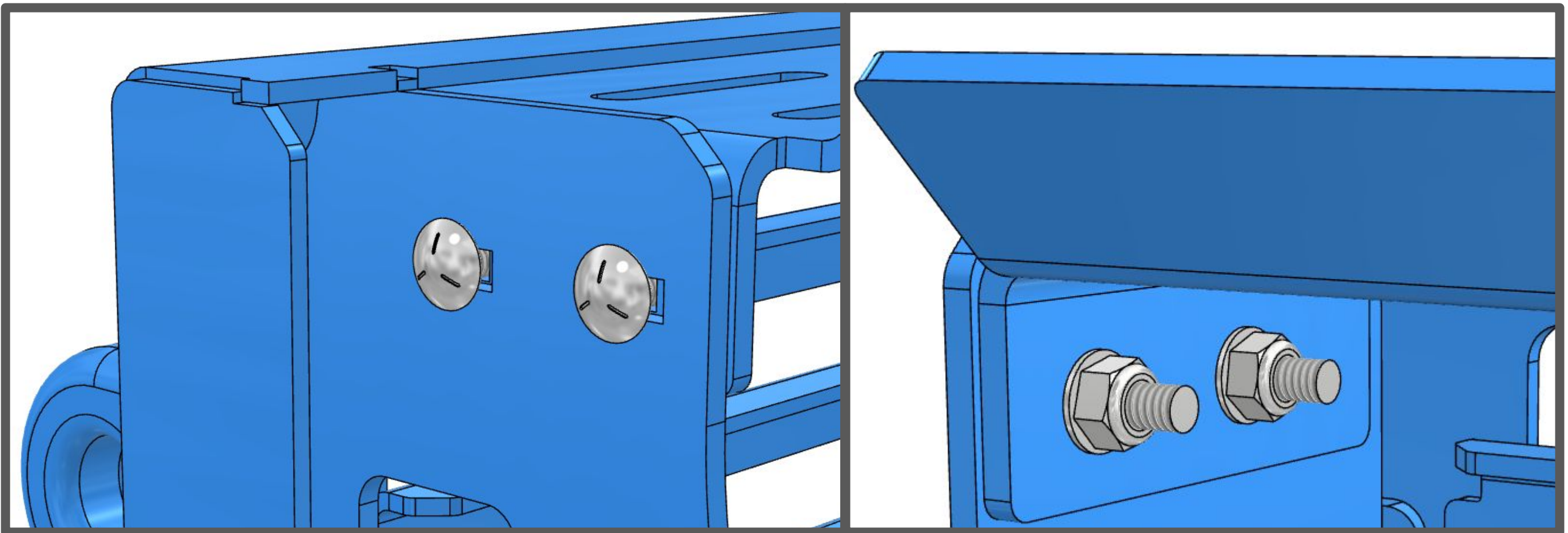
With the rough cut now complete you can use a combination of a *flat sanding disc*, *file*, and *deburring tool* or *razor* to fine tune the edge remaining from the cut.



Installation

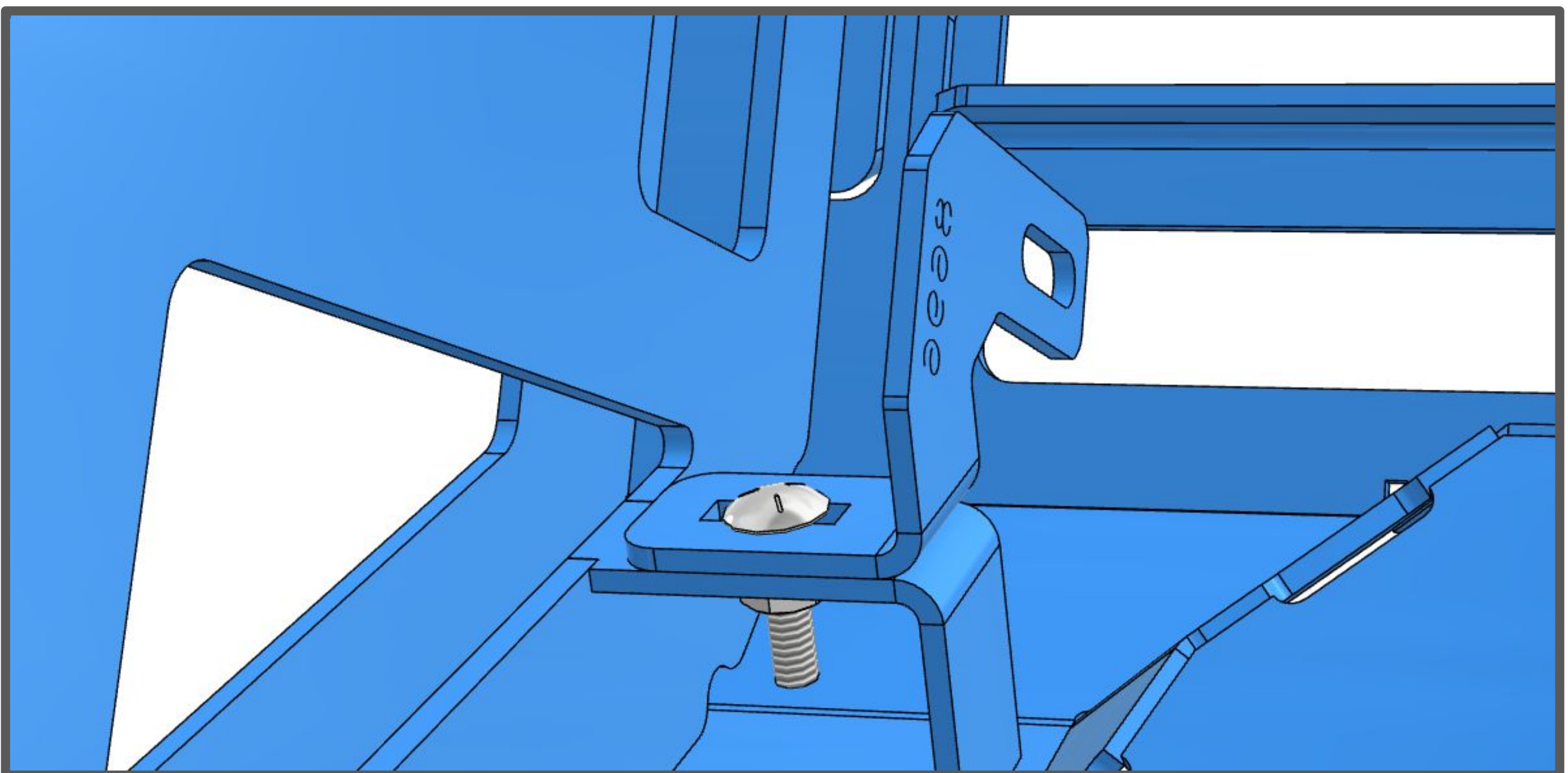
Step 1:

Attach the light pod mounting bracket to the bumper using 4 (*1/4"-20 x 1" Steel Carriage Bolt Zinc*) and 4 (*1/4"-20 Steel Nylon-Insert Flange Nut Zinc*). Tighten the nuts down using a *7/16" wrench / socket*.



Step 2 (Optional):

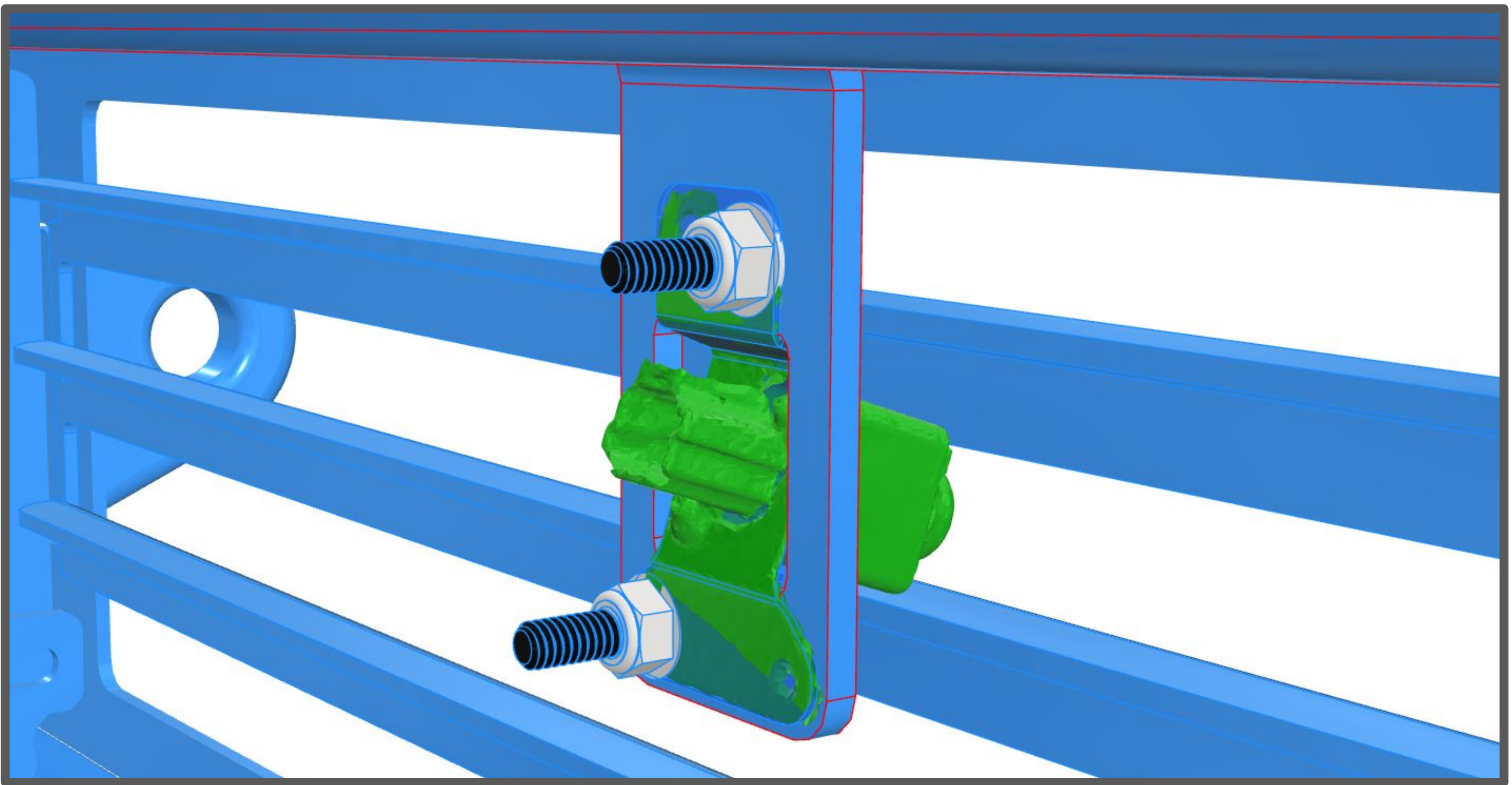
Install the driver (*8696*) and passenger (*8711*) light bar brackets using 2 (*1/4"-20 x 1" Steel Carriage Bolt Zinc*) and 2 (*1/4"-20 Steel Nylon-Insert Flange Nut Zinc*). Tighten the nuts down using a *7/16" wrench / socket*.



Installation

Step 3:

Attach the camera to the bumper using 2 (*1/4"-20 x 1" Stainless Steel Button Head Hex Drive Screw Magni 525 Black*) and 2 (*1/4"-20 Steel Nylon-Insert Flange Nut Zinc*). Tighten the nuts down using a *7/16" wrench / socket* and *5/32" allen wrench*.



Step 4:

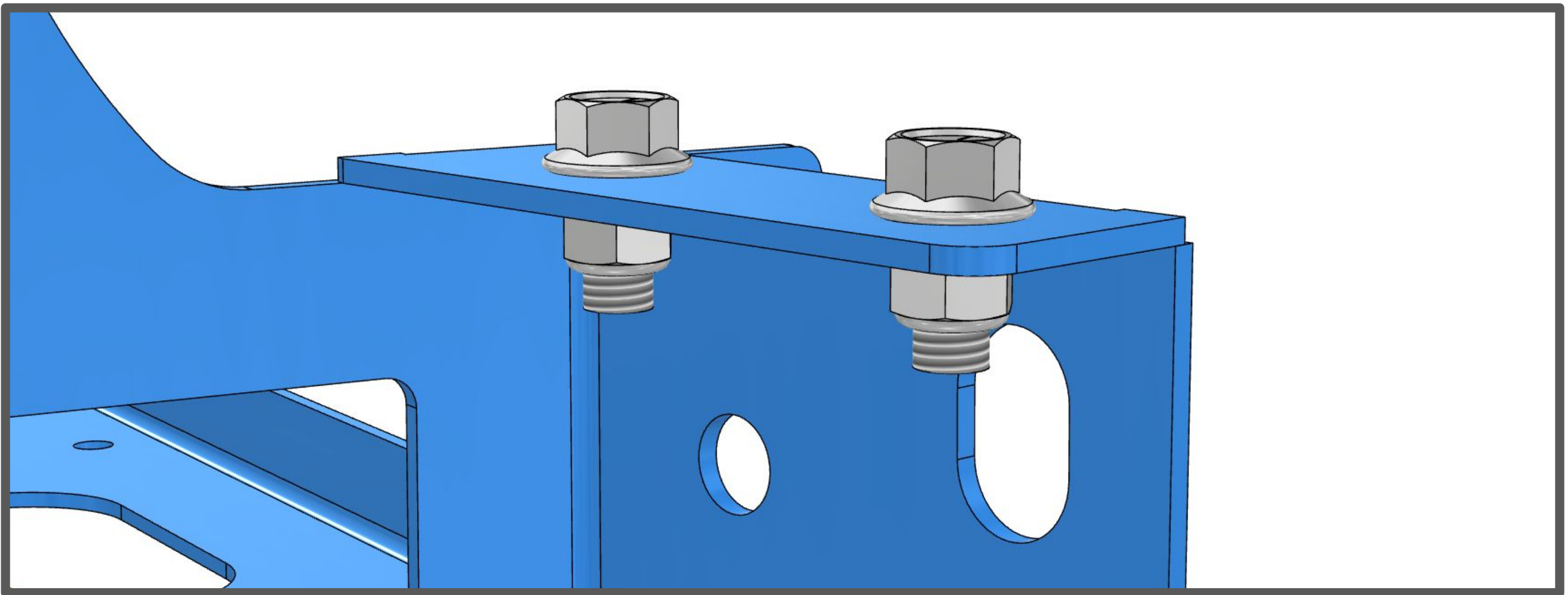
Lift bumper into position on the vehicle and using the bolts from the removal of the crash bar start to thread in the factory bolt in to the bottom of the front face of the frame mounts. A *17mm wrench / socket* can be used to fully tighten them down.



Installation

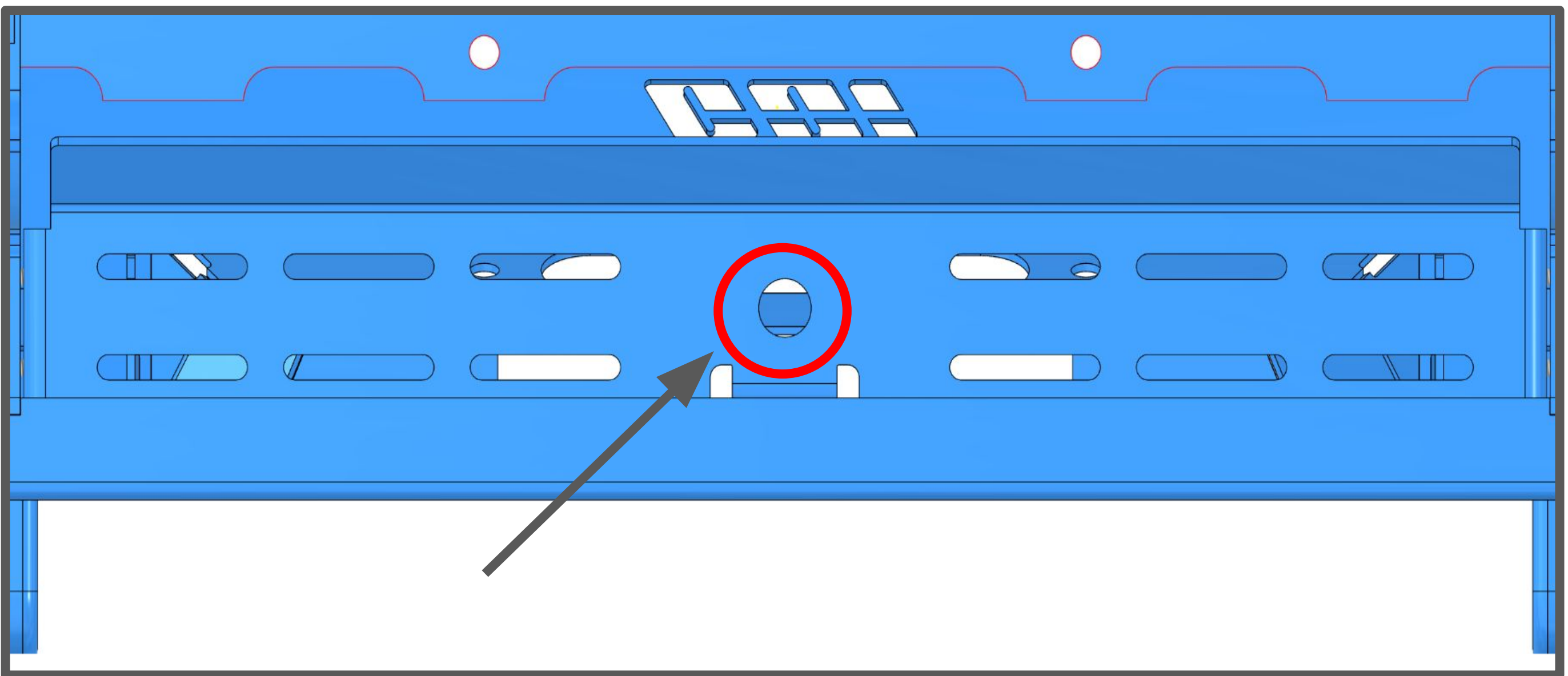
Step 5:

Using 4 (*1/2"-13 x 1" Steel Flanged Hex Head Screw Zinc*) and 4 (*1/2"-13 Steel Nylon-Insert Flange Nut Zinc*) Attach the bumper to the top of the frame mounts. Two *3/4" wrench / socket* can be used to fully tighten them down.



Step 6:

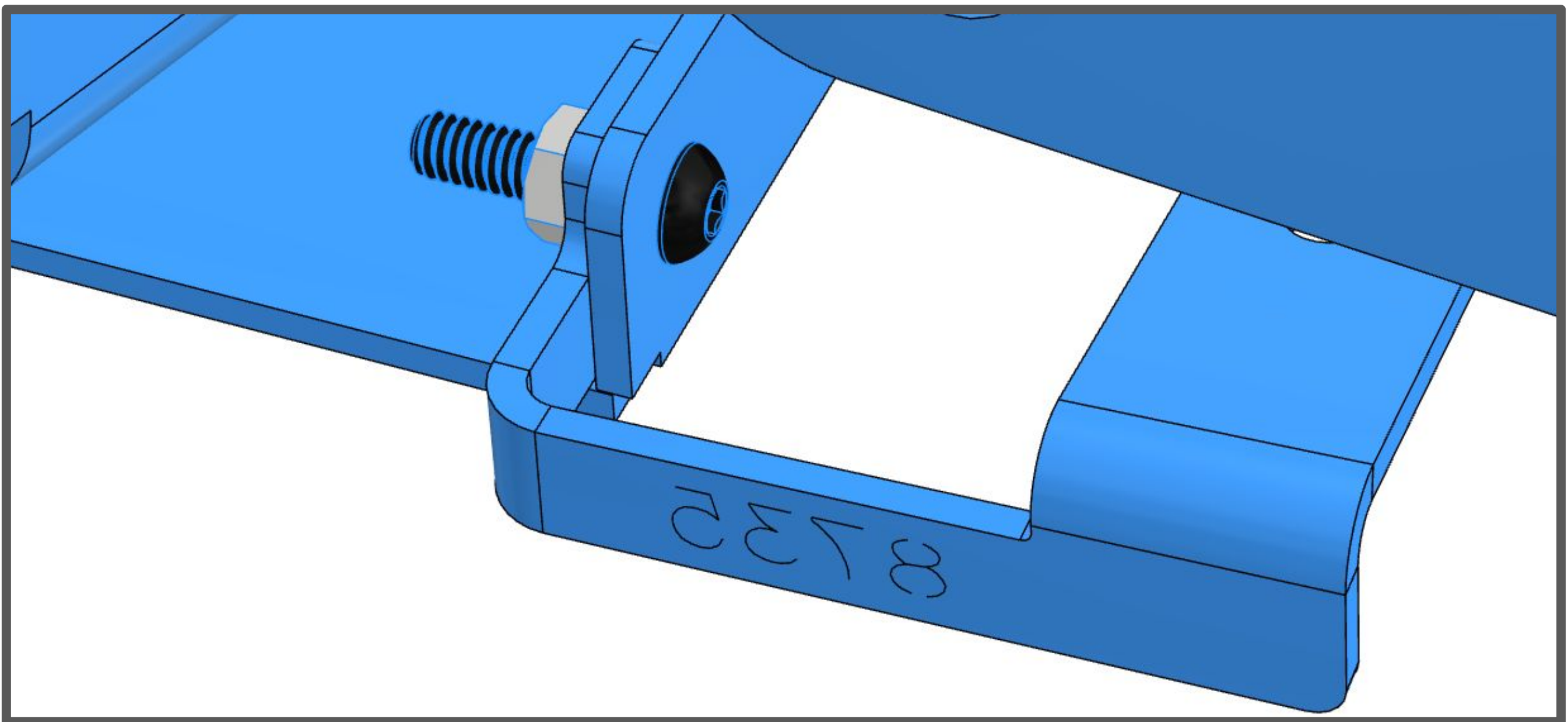
Lift the front fascia into position on the vehicle and feed camera wire through top hole on the bumper. Reattach plugs on the driver and passenger side that were previously unplugged and reattach all screws and plastic clips



Installation

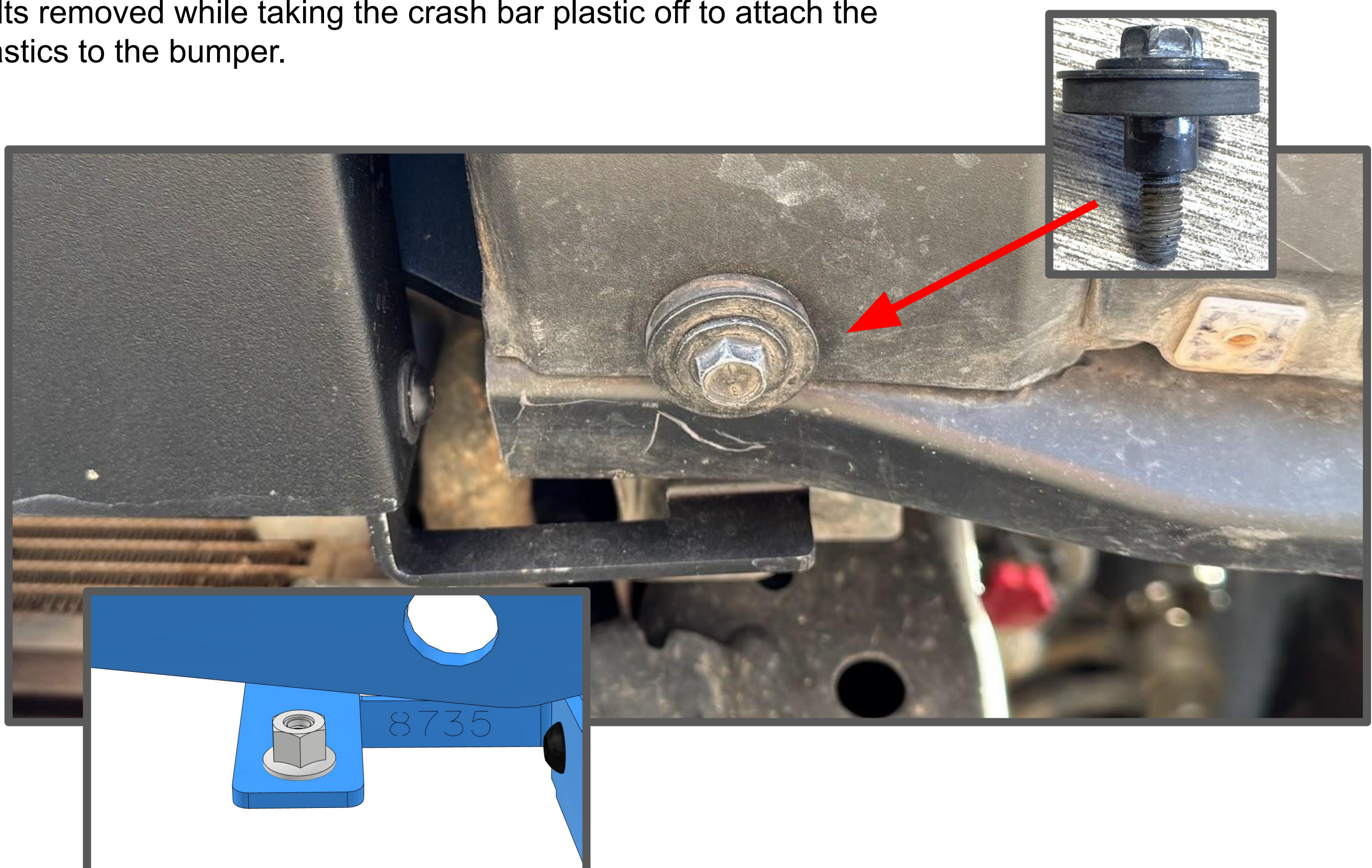
Step 7:

Using 2 (*1/4"-20 x 1" Stainless Steel Button Head Hex Drive Screw Magni 525 Black*) and 2 (*1/4"-20 Steel Nylon-Insert Flange Nut Zinc*) attach the driver (8748) and passenger (8735) plastic retention brackets. A *7/16" wrench / socket* and *5/32" allen wrench* can be used to tighten the fasteners.



Step 8:

Drill 2 (3/8" holes) and using 2 (*M6x1 Steel Nylon Insert Flange Lock Nut Zinc*) and 2 of the factory bolts removed while taking the crash bar plastic off to attach the plastics to the bumper.



Installation is now complete!

**For further information and assistance please call
customer service: (866) 522-0697**

FAQ

WARRANTY

CBI Offroad Fab will warranty all CBI Offroad Fab manufactured parts for a LIFETIME of use. This limited Lifetime Warranty is effective for as long as the original retail purchaser owns the product. This warranty terminates when the original retail purchaser sells or otherwise transfers the product to any other person. Each manufactured product must be installed following CBI Offroad Fab's recommended fitment and installation procedures. Any customization or modification to the original product design, functionality, or use, either by said customer or by CBI Offroad Fab voids all warranty eligibility. It is the sole discretion of CBI Offroad Fab to determine warranty eligibility. Subject to the limitations and exclusions described in this warranty, CBI Offroad Fab will remedy defects in materials or workmanship by repairing or replacing, at its option, a defective product without charge for parts. In addition, CBI Offroad Fab may elect, at its option, not to repair or replace a defective product but rather issue to a purchaser a refund equal to the purchase price paid for the product or a credit to be used toward the purchase of a new CBI Offroad Fab product. No warranty is given for defects caused by normal wear and tear, cosmetic rust, scratches, accidents, unlawful vehicle operation, products used for racing or competition, or modification of, or any types of repair of, a CBI Offroad Fab manufactured product. The CBI Offroad Fab Warranty does not include the powder coated finish. No warranty is given for defects resulting from conditions beyond CBI Offroad Fab's control including, but not limited to, misuse, neglect, overloading, improperly maintained or failure to assemble, mount or use the product in accordance with CBI Offroad Fab's written instructions or guidelines included with the product or implied use made available to the purchaser.

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792 E Iona Rd.
Idaho Falls, ID 83274
cbioffroadfab.com
208.528.0664