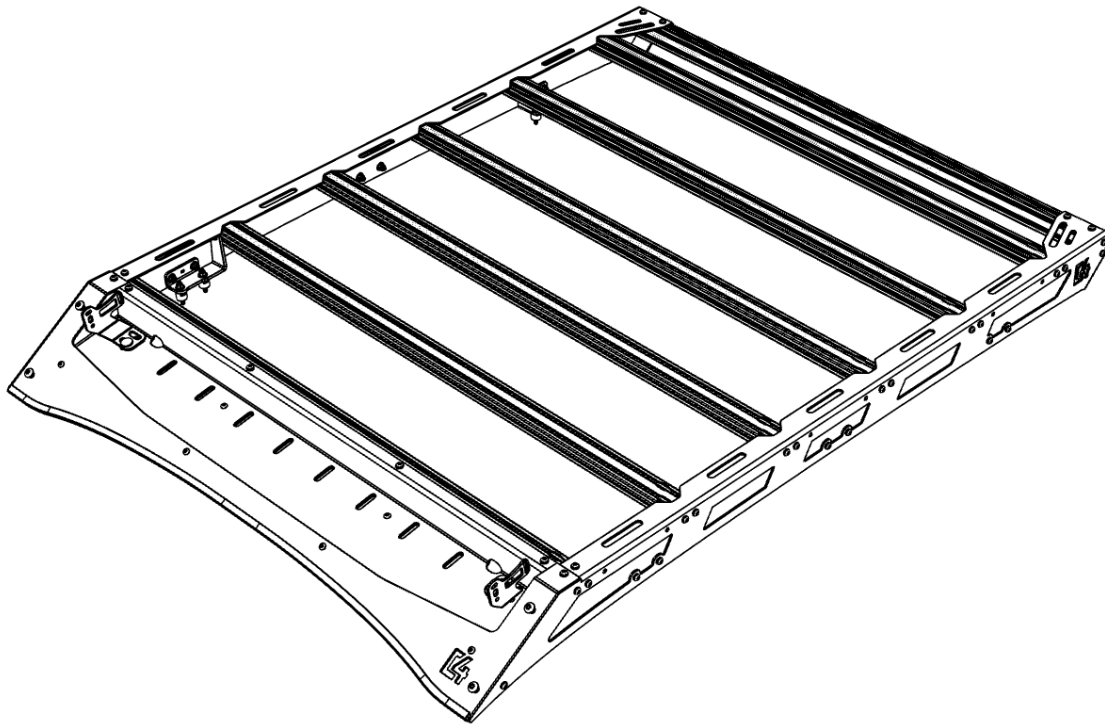




# INSTALLATION GUIDE

## 2024-UP | TOYOTA TACOMA

### [ ROOF RACK SOLID VALANCE ] 1224-70100



#### TOOLS REQUIRED

- 13mm, 7/16, 9/16 Wrenches
- 5/32, 7/32 Allen
- Razor Blade
- Pry Tool

#### SKILL LEVEL

- Medium

#### TIME REQUIRED

- Approximately 2 Hours **(This installation guide covers the installation of the product only. It does not include instructions and time for wiring)**

### ⚠️ WARNINGS/CAUTIONS BEFORE STARTING INSTALLATION ⚠️

-BEFORE YOU INSTALL THIS KIT-

**Read and understand all instructions,** warnings, cautions, & notes contained in this installation instruction guide. Consult your vehicle owner's manual for proper disconnection of electrical and lifting of vehicle if required for installation of this product.

This install may require some technical skills and knowledge of basic mechanical work. If you do not feel that you are capable of performing this install please take this product to a trained professional.

After reading this guide please contact us with any questions or concerns before installing product.

Customer Service: 1-605-721-2911

C4 Fabrication is **not** responsible for any bodily injury or harm to you or your vehicle as a result of an improper install.

Proper installation of this kit required knowledge of the factory recommended procedures for removal and installation of original equipment components.

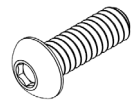
We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of the vehicle.

Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information:

1. Name of purchase location
2. Bar Code on side of box
3. Date above bar code
4. Date inside box cover

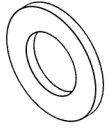
**\*ALWAYS WEAR EYE PROTECTION WHEN OPERATING POWER TOOLS\***

[A.]  
48x



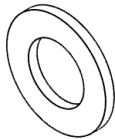
1/4-20 X 1" BUTTON HEAD BOLT  
**5/32 ALLEN**

[A1.]  
48x



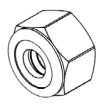
M6 FLAT WASHER

[A2.]  
14x



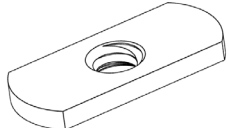
1/4" FLAT WASHER

[A3.]  
14x



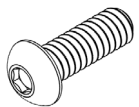
1/4-20" NYLON LOCK NUT  
**7/16 WRENCH**

[B.]  
20x



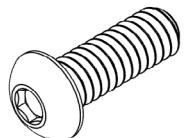
1/4-20" T-NUT

[C.]  
20x



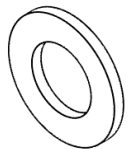
1/4-20 X 1/2" BUTTON HEAD BOLT  
**5/32 ALLEN**

[D.]  
4x



3/8-16 X 1" BUTTON HEAD BOLT  
**7/32 ALLEN**

[D1.]  
6x



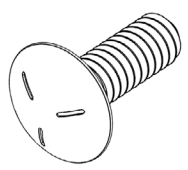
3/8 FLAT WASHER

[D2.]  
4x



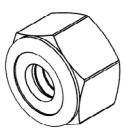
3/8-16' JAM NUT  
**9/16 WRENCH**

[E.]  
2x



3/8-16 X 1" CARRIAGE BOLT

[E1.]  
2x



3/8-16" NYLON LOCK NUT  
**9/16 WRENCH**

# PARTS

[ F. ]

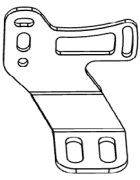
8x



MUS0008

[ G. ]

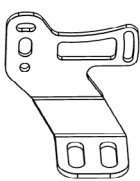
1x



UUS0084

[ H. ]

1x



UUS0084-M

[ I. ]

1x



EDGE TRIM WITH GASKET

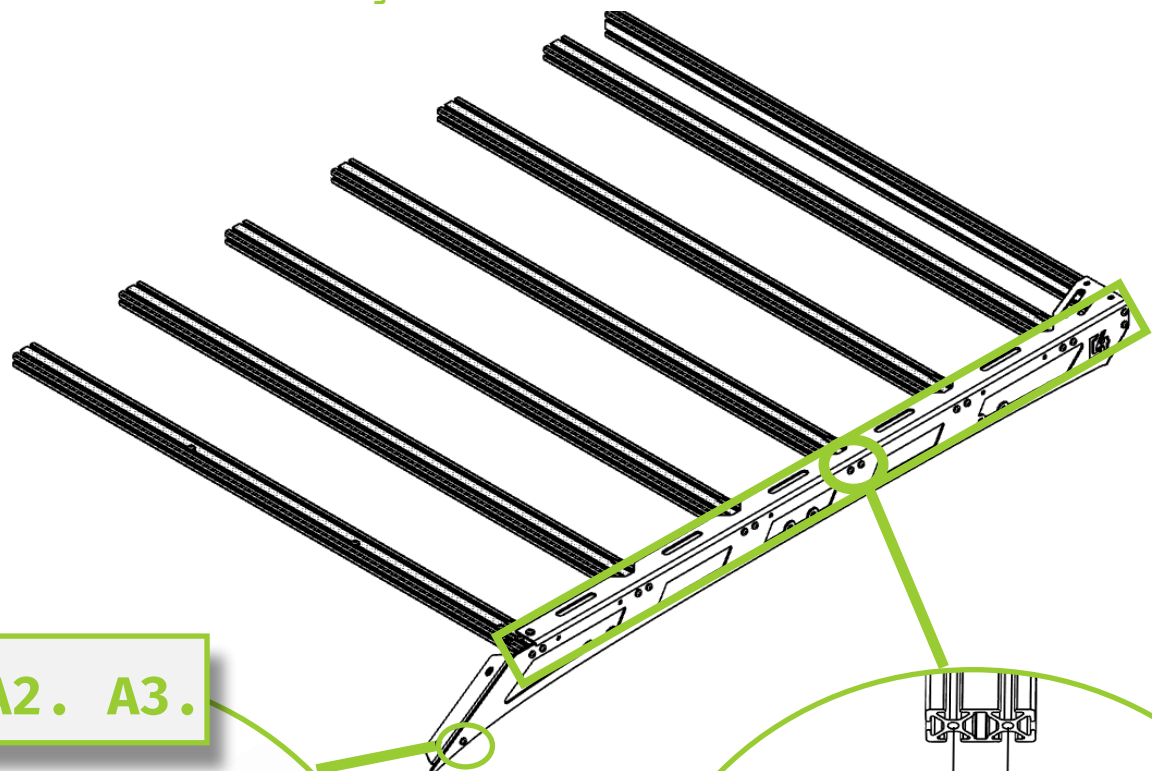
# INSTALL

- A1: M6 FLAT WASHER (15X)
- A: 1/4-20 X 1" BUTTON HEAD BOLT (15X)
- A2: 1/4" FLAT WASHER (1X)
- A3: 1/4-20 NYLON LOCK NUT (1X)

## STEP 1

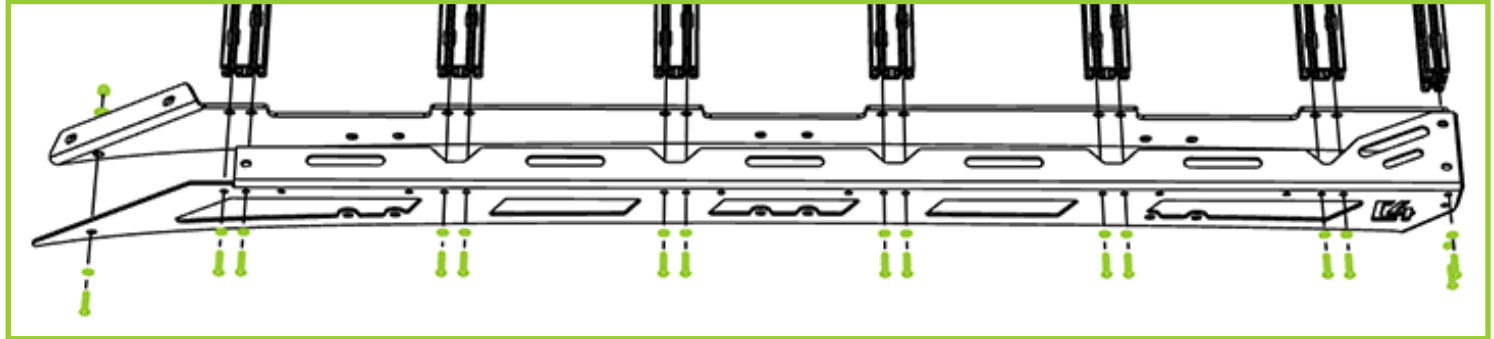
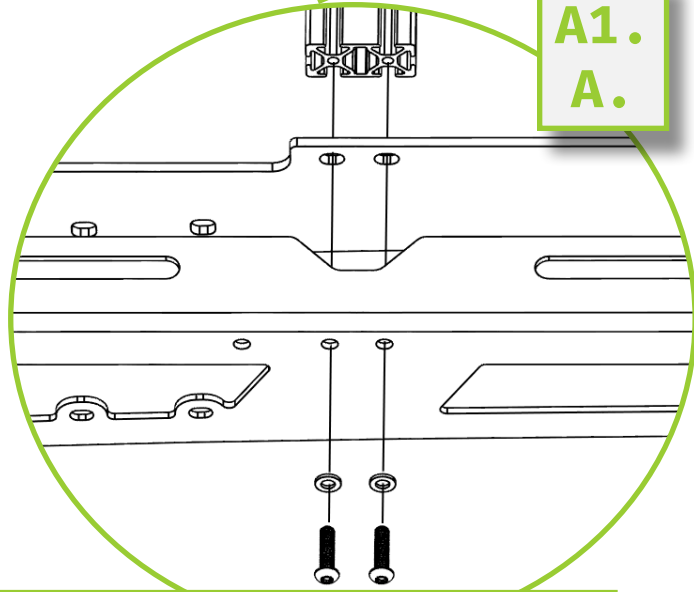
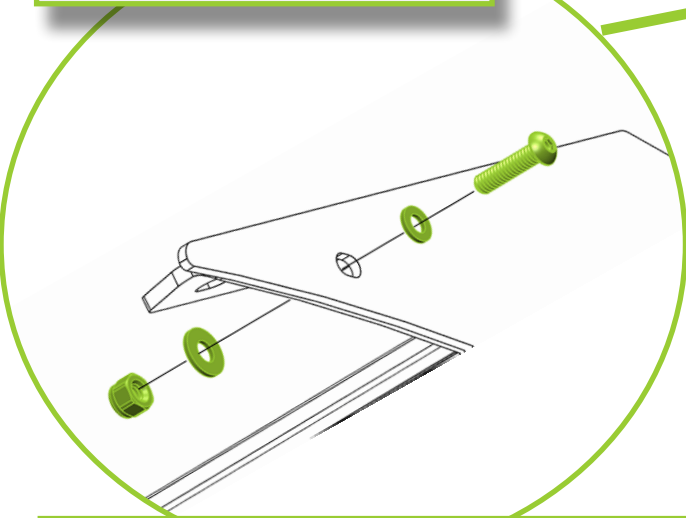
Using a 5/32 allen and a 7/16 wrench install the provided hardware [A, A1, A2, A3], to assemble the side panels to the rails as shown below. (Leave hardware loose at this time).

**TECH TIP:** Apply blue loctite to all non-locking hardware.



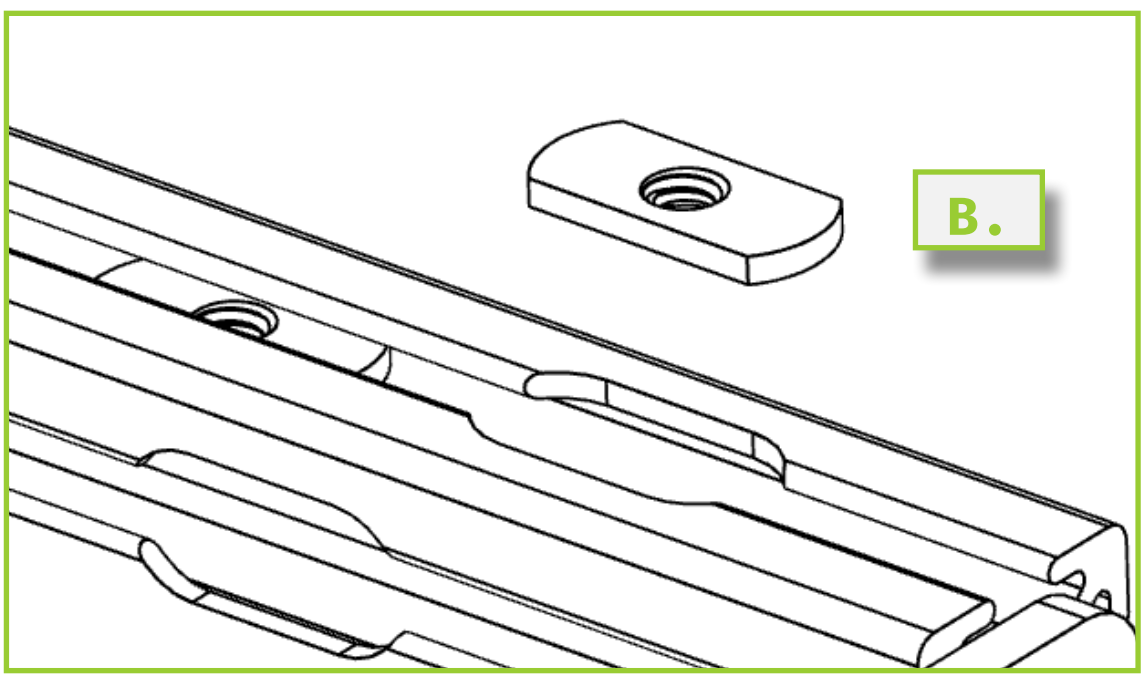
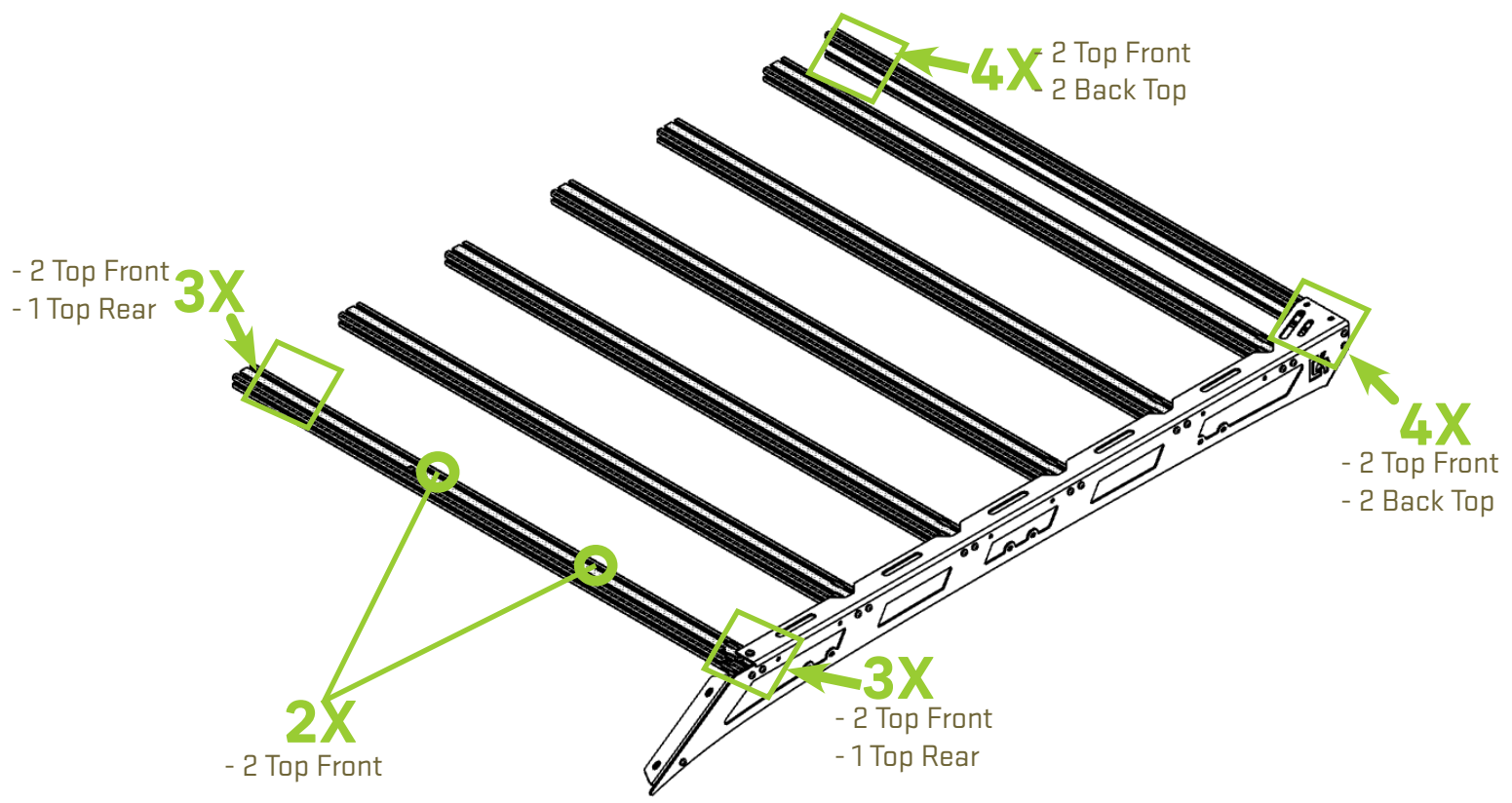
A. A1. A2. A3.

A1.  
A.



## STEP 2

Install T-nuts **(B)** into the locations indicated below.

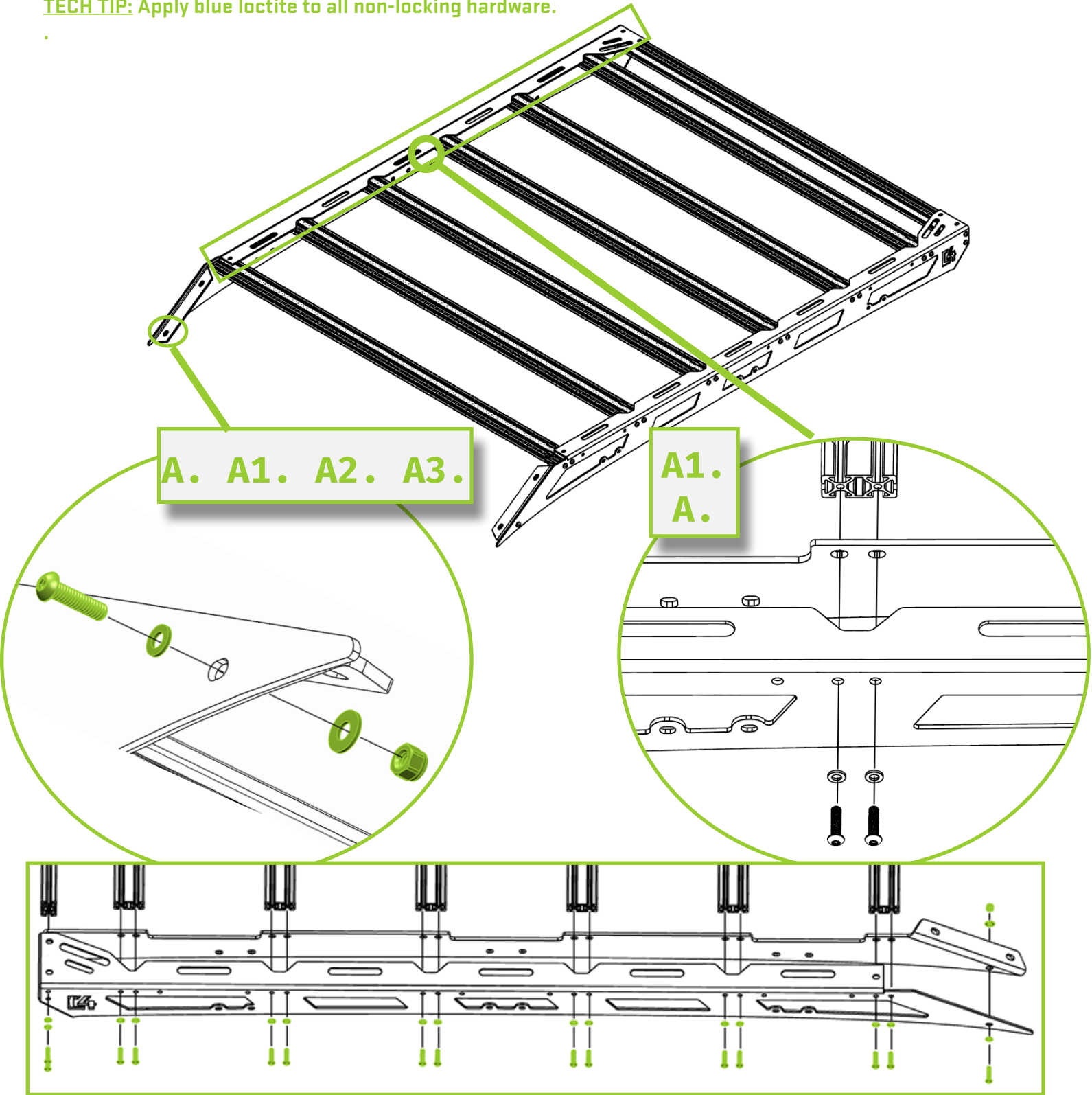


- A1: M6 FLAT WASHER (15X)
- A: 1/4-20 X 1" BUTTON HEAD BOLT (15X)
- A2: 1/4" FLAT WASHER (1X)
- A3: 1/4-20 NYLON LOCK NUT (1X)

## STEP 3

Using a 5/32 allen and a 7/16 wrench install the provided hardware [A, A1, A2, A3], to assemble the side panels to the rails as shown below. (Leave hardware loose at this time).

**TECH TIP:** Apply blue loctite to all non-locking hardware.

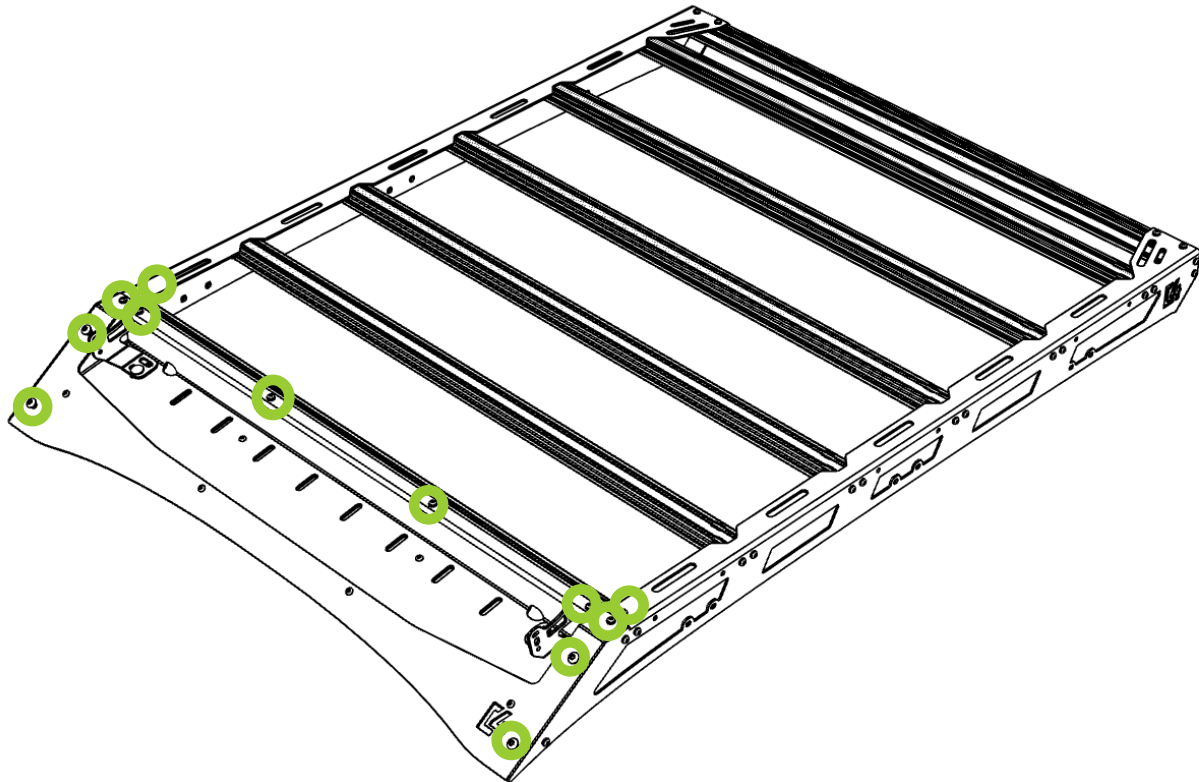


- F: 3/8-16 X 1" BUTTON HEAD BOLT (4X)
- F1: 3/8" FLAT WASHER (4X)
- F2: 3/8-16 NYLON LOCK NUT (4X)
- E: 1/4-20 X 1/2" BUTTON HEAD BOLT (4X)
- B: M6 FLAT WASHER (4X)

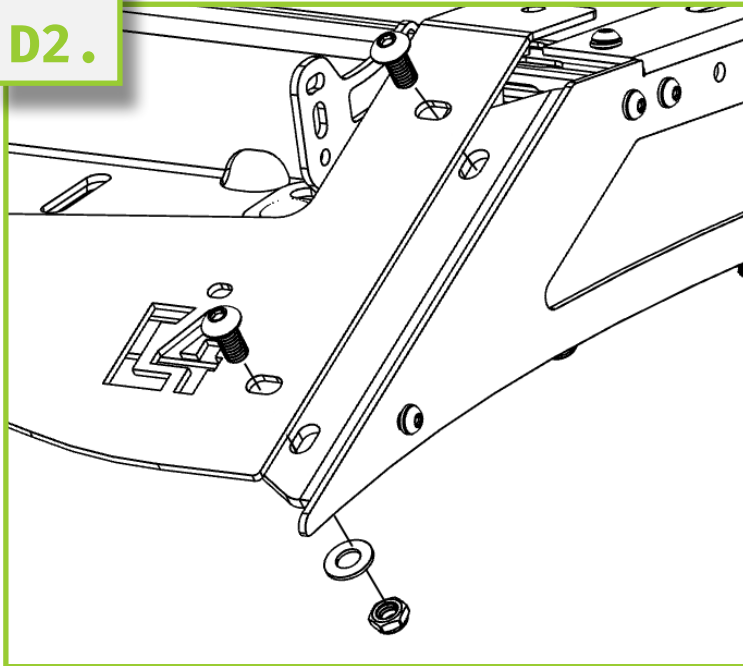
## STEP 4

Starting from the front corner, align the valence for best fitment. Then use the previously specified tools to tighten each bolt (D, D1, D2, C, A1) to secure the entire roof rack assembly.

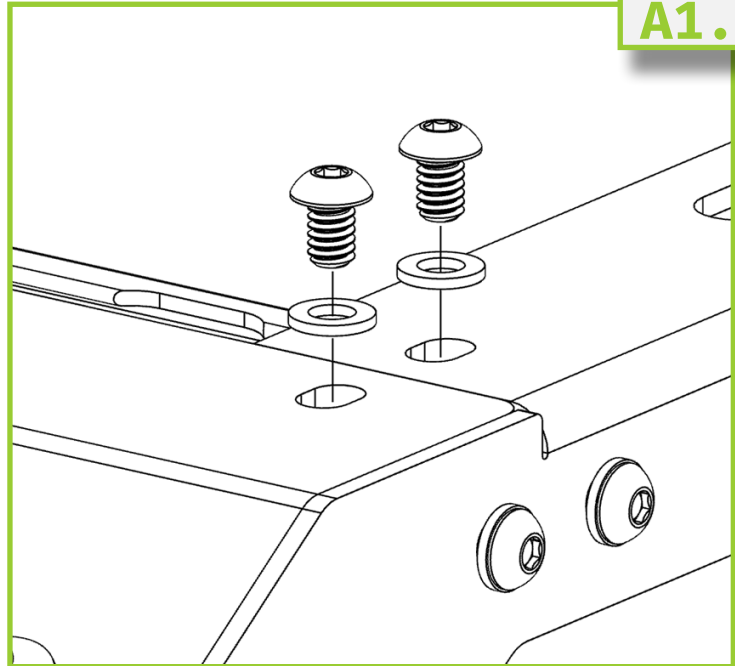
**TECH TIP:** Apply blue loctite to all non-locking hardware..



D.  
D1.  
D2.



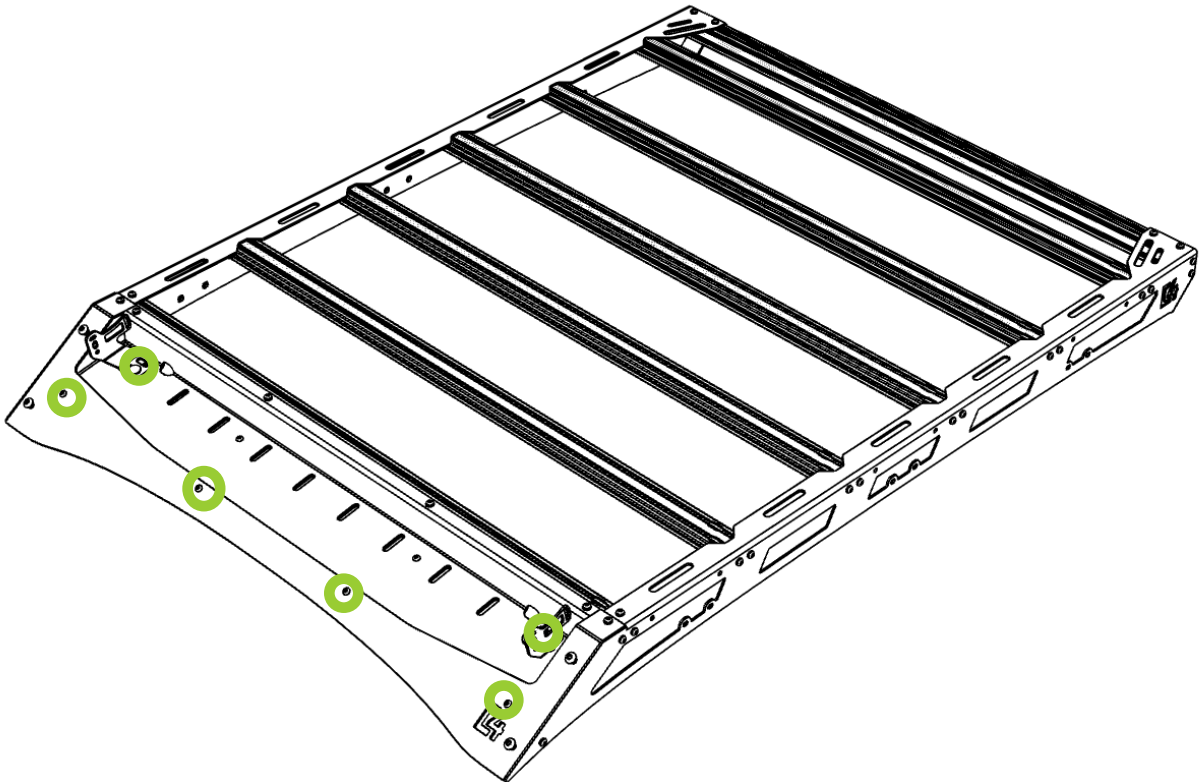
C.  
A1.



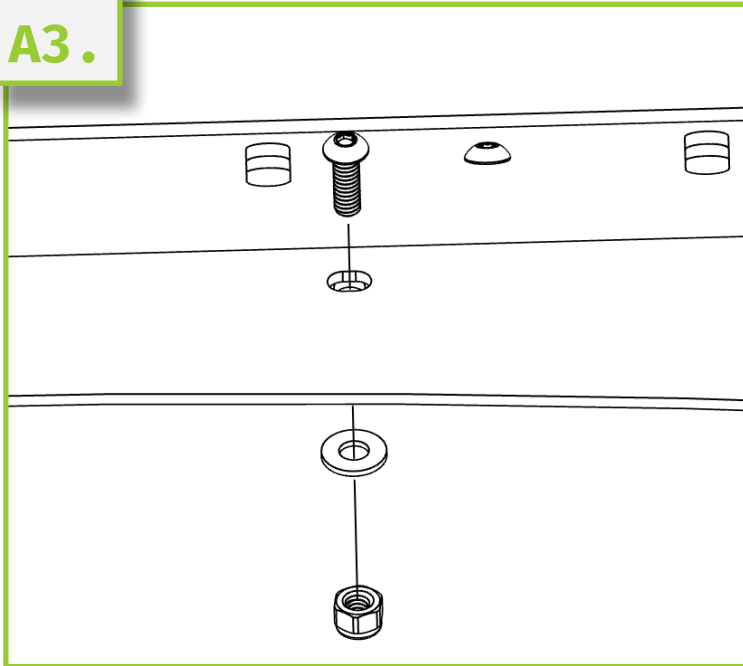
- A: 1/4-20 X 1" BUTTON HEAD BOLT (4X)
- A2: 1/4" FLAT WASHER (4X)
- A3: 1/4-20 NYLON LOCK NUT (4X)
- E: 3/8-16 CARRIAGE BOLT (2X)
- D1: 3/8" FLAT WASHER (2X)
- E1: 3/8-16 NYLON LOCK NUT (2X)

## STEP 5

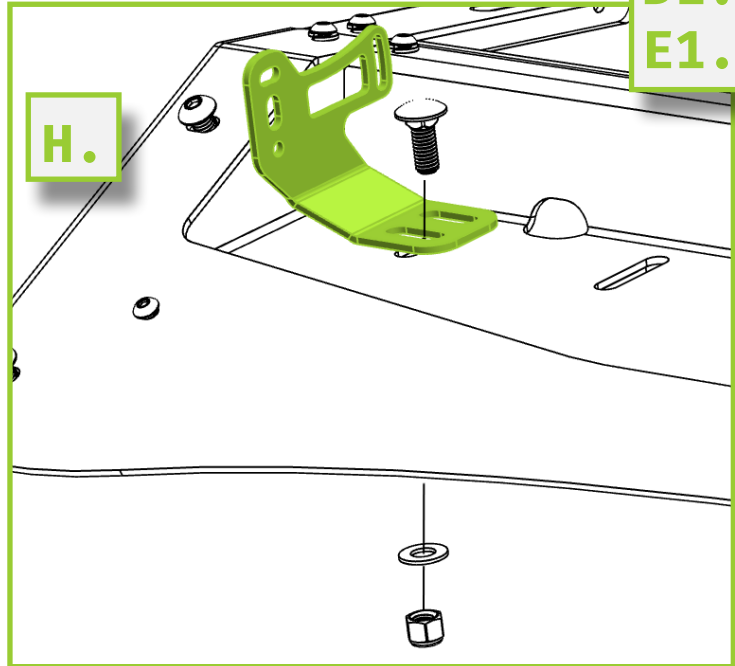
Using a 5/32 allen and a 7/16 wrench install the provided hardware [A, A2, A3] as shown below. Then using a 9/16 wrench install the provided parts [G, H] using the provided hardware [E, D1, E1]



- A.
- A2.
- A3.



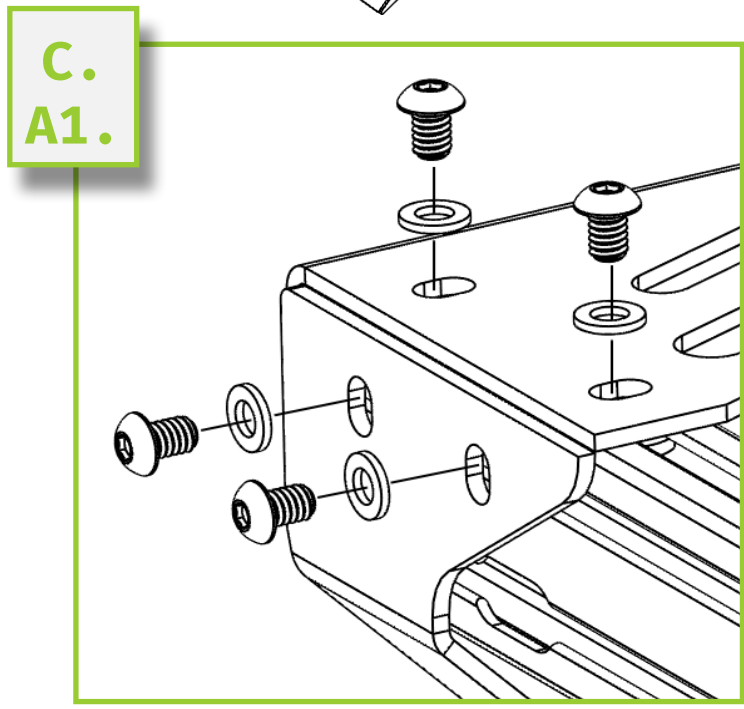
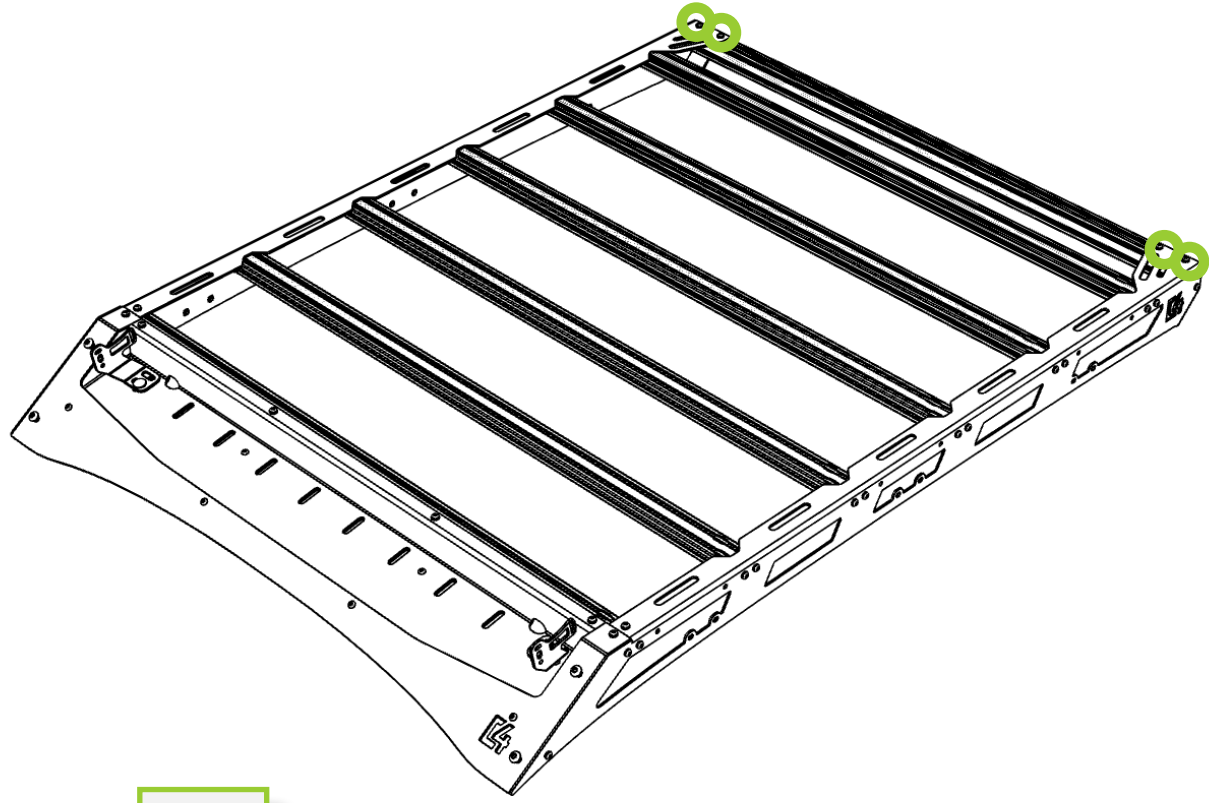
- E.
- D1.
- E1.



## STEP 6

Using a 5/32 allen and the provided hardware **(C, A1)**. Secure the back rail to the side panels using the T-nuts installed on **step 2**. (Repeat on the other side)

**TECH TIP: Apply blue loctite to all non-locking hardware.**

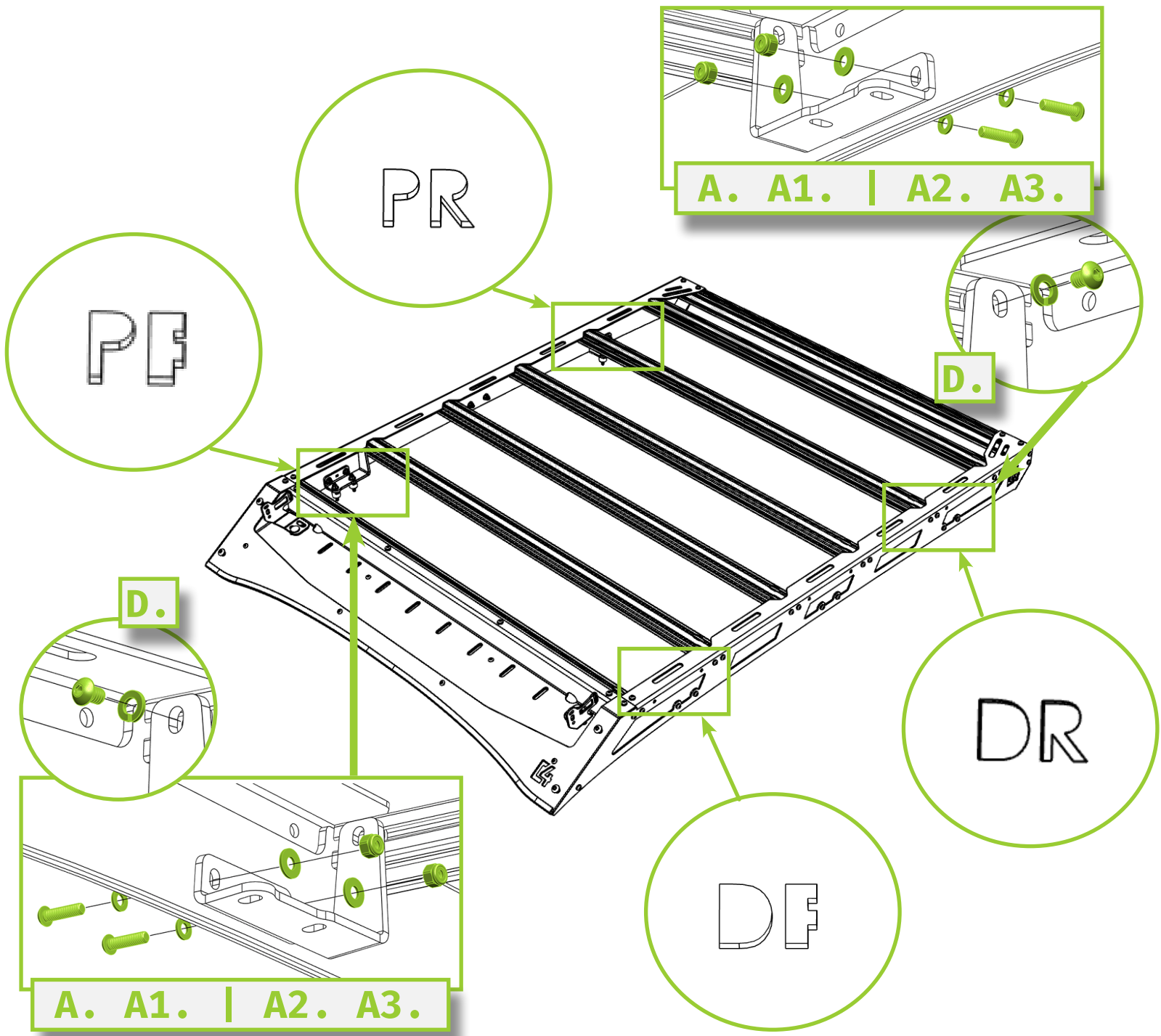


- A1: M6 FLAT WASHER (12X)
- A: 1/4-20 X 1" BUTTON HEAD BOLT (8X)
- A2: 1/4" FLAT WASHER (8X)
- A3: 1/4-20 NYLON LOCK NUT (8X)
- D: 1/4-20 X 1/2" BUTTON HEAD BOLT (4X)

## STEP 7

Using a 5/32 allen, a 7/16 wrench and the provided hardware [A, A1, A2, A3, D], Install the front and rear mounting brackets as shown below. (Leave hardware loose at this time.)

**TECH TIP:** Apply blue loctite to all non-locking hardware.

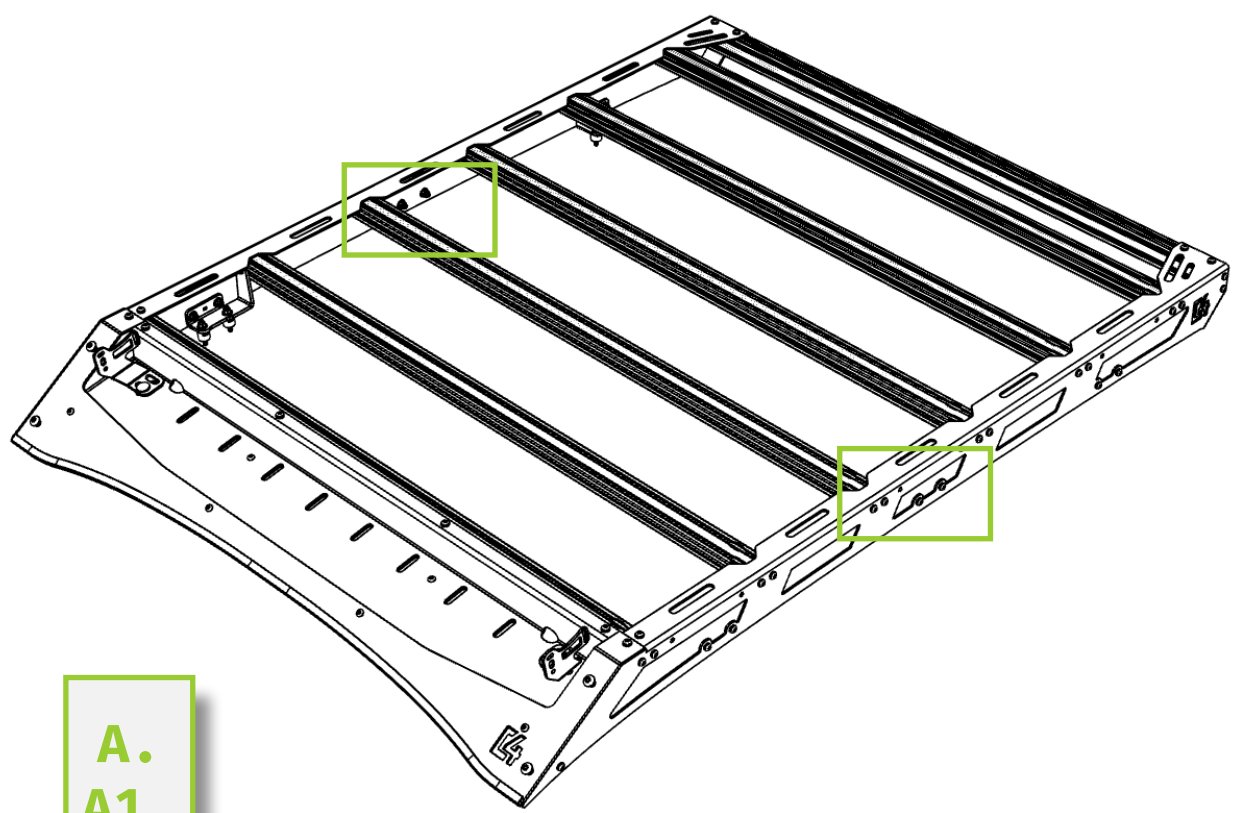


# INSTALL

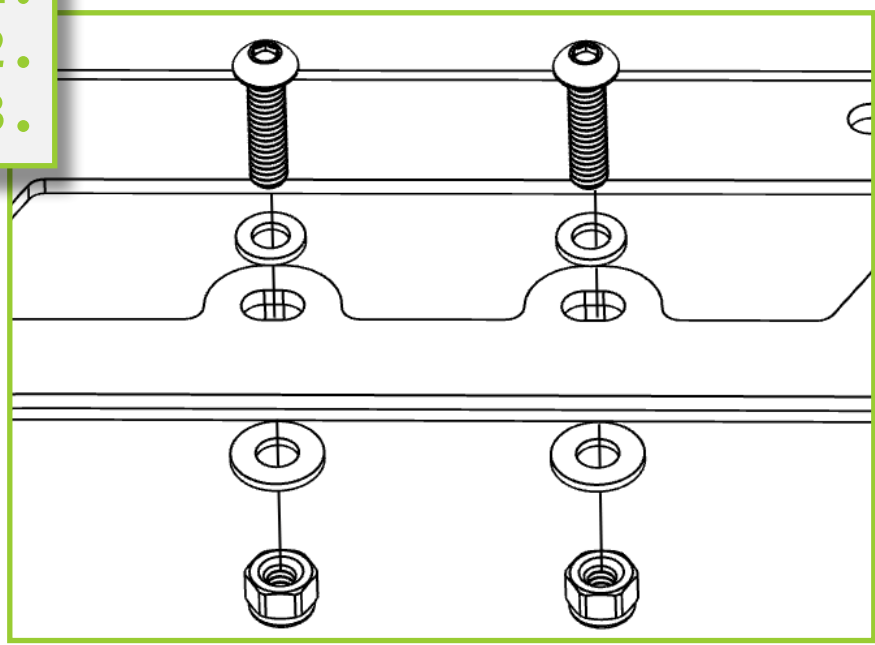
- A: 1/4-20 X 1" BUTTON HEAD BOLT (4X)
- A1: M6 FLAT WASHER (4X)
- A2: 1/4" FLAT WASHER (4X)
- A3: 1/4-20 NYLON LOCK NUT (4X)

## STEP 8

Using a 5/32 allen and a 7/16 wrench install the provided hardware [A, A1, A2, A3] as shown below.

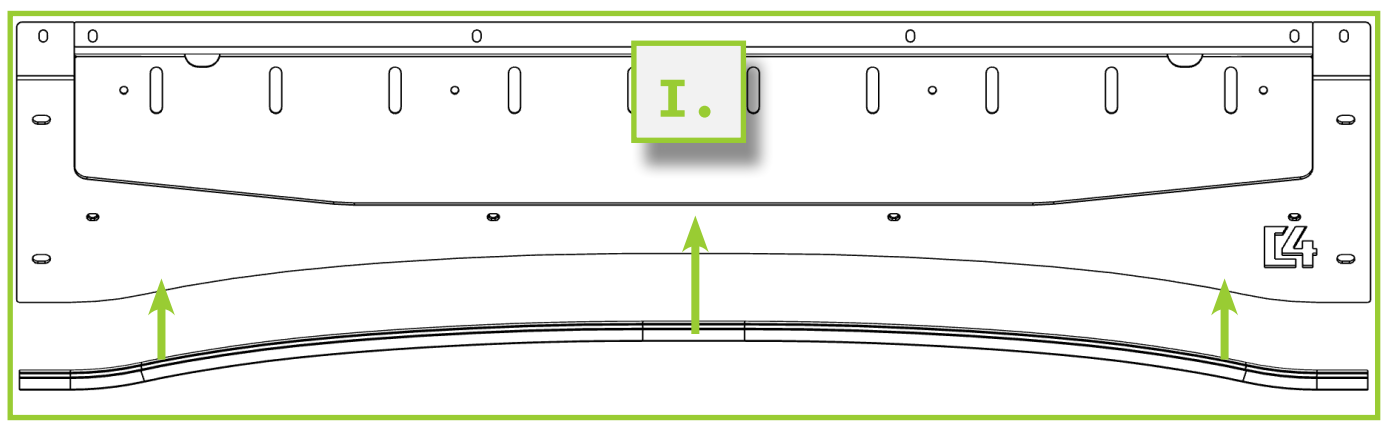
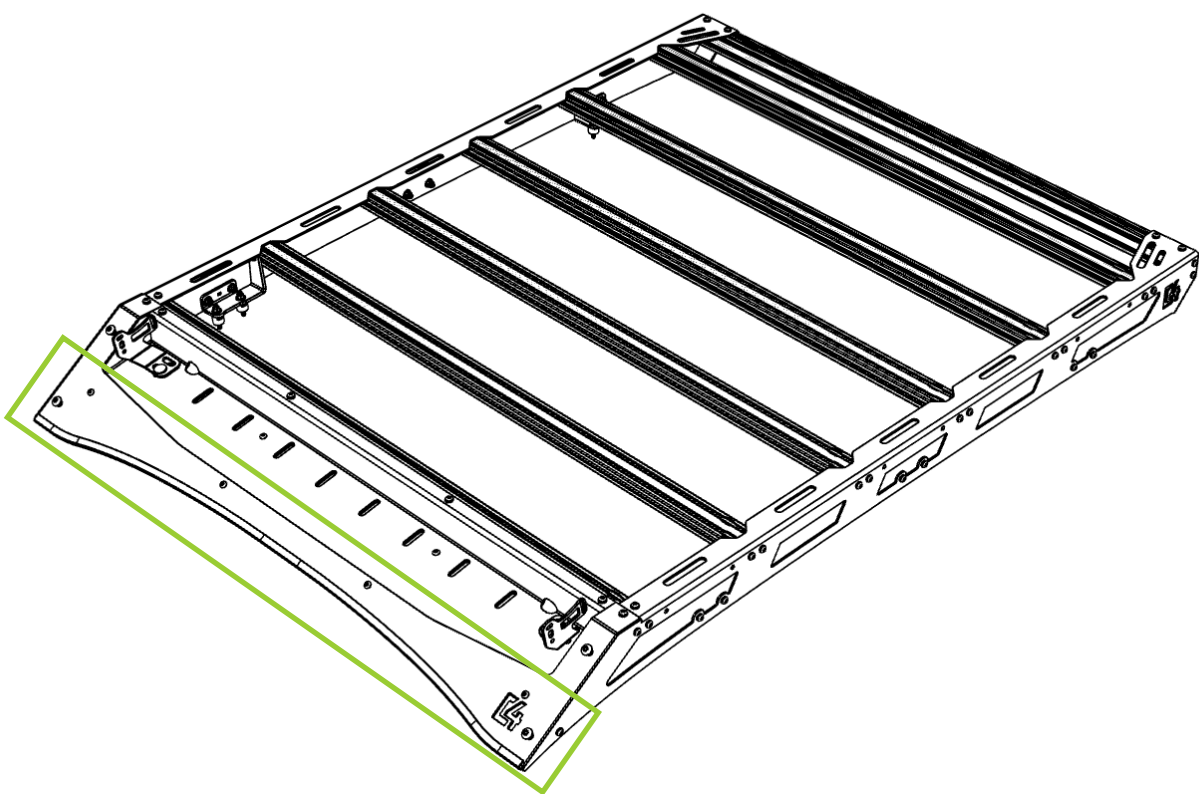


- A.
- A1.
- A2.
- A3.



## STEP 9

Install the rubber gasket (I) as shown below, with the bulb side of the gasket down. Trim length for desired fit.



## STEP 10

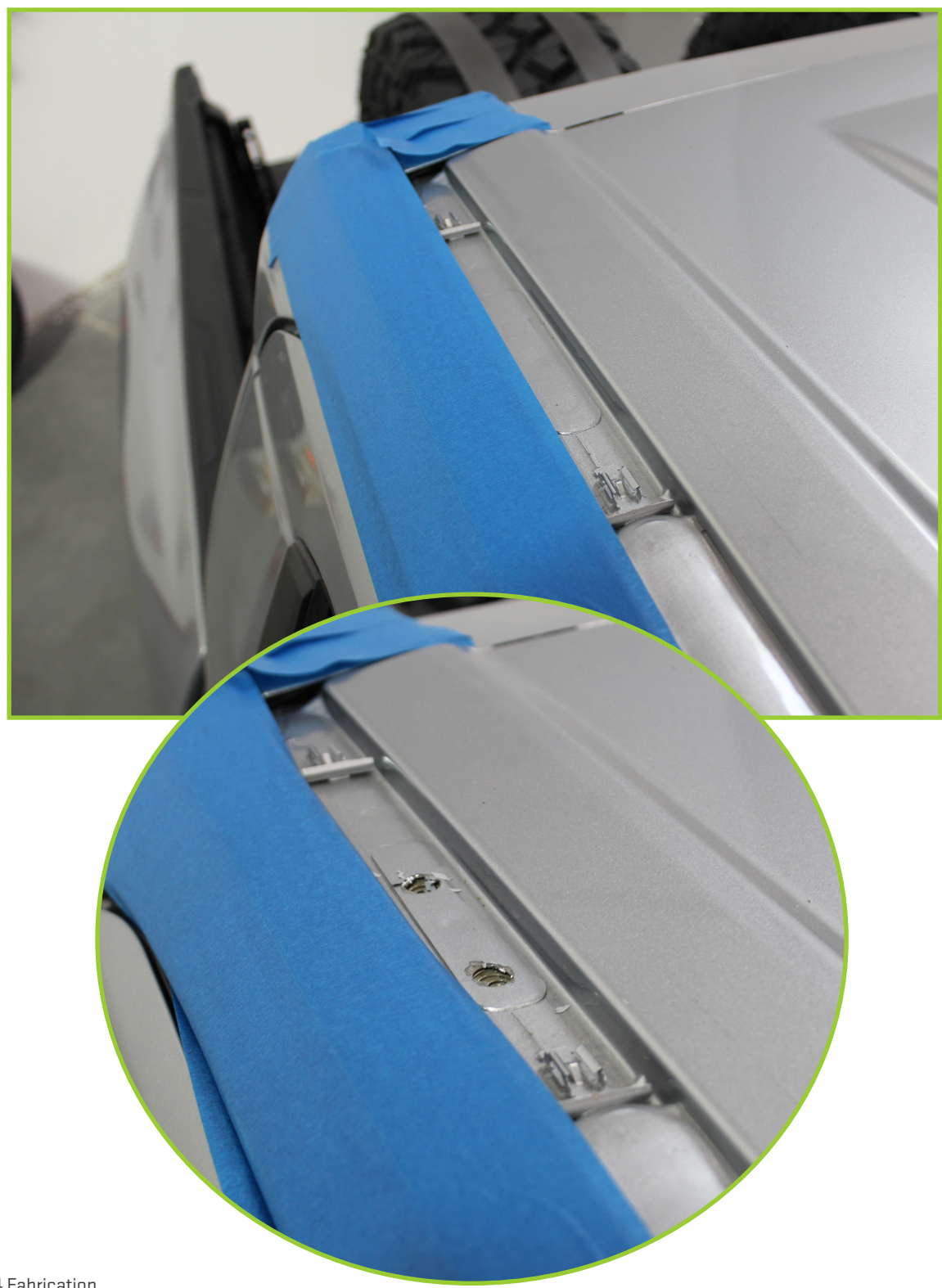
Use a pry tool to remove the rubber trim from the roof.



# REMOVAL

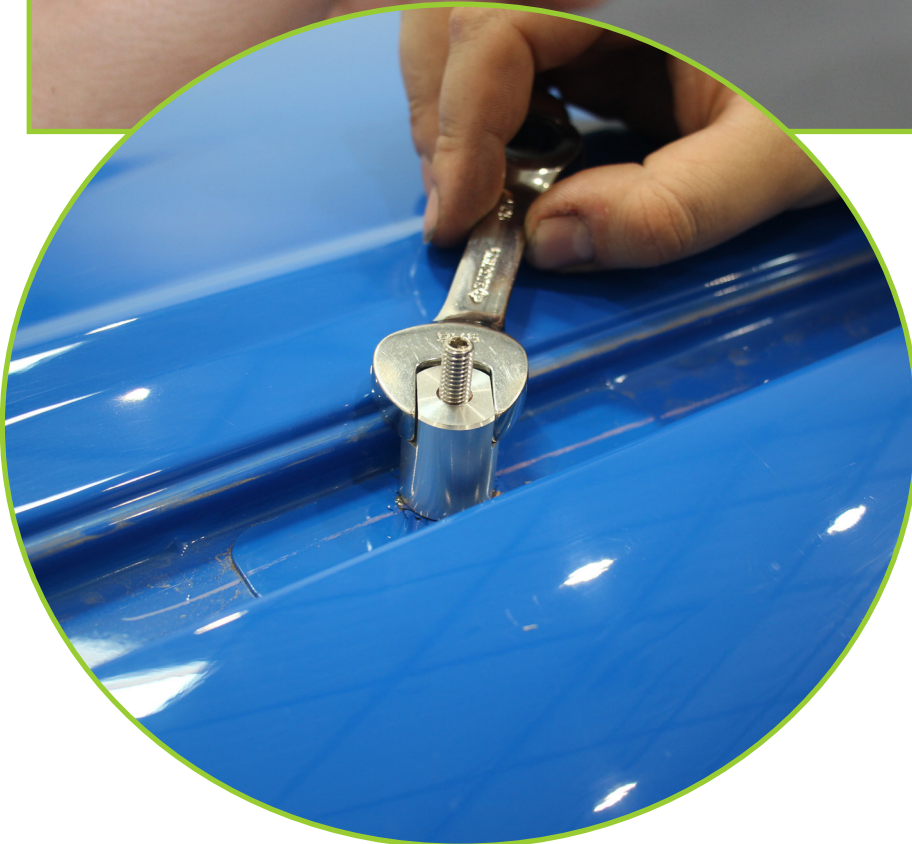
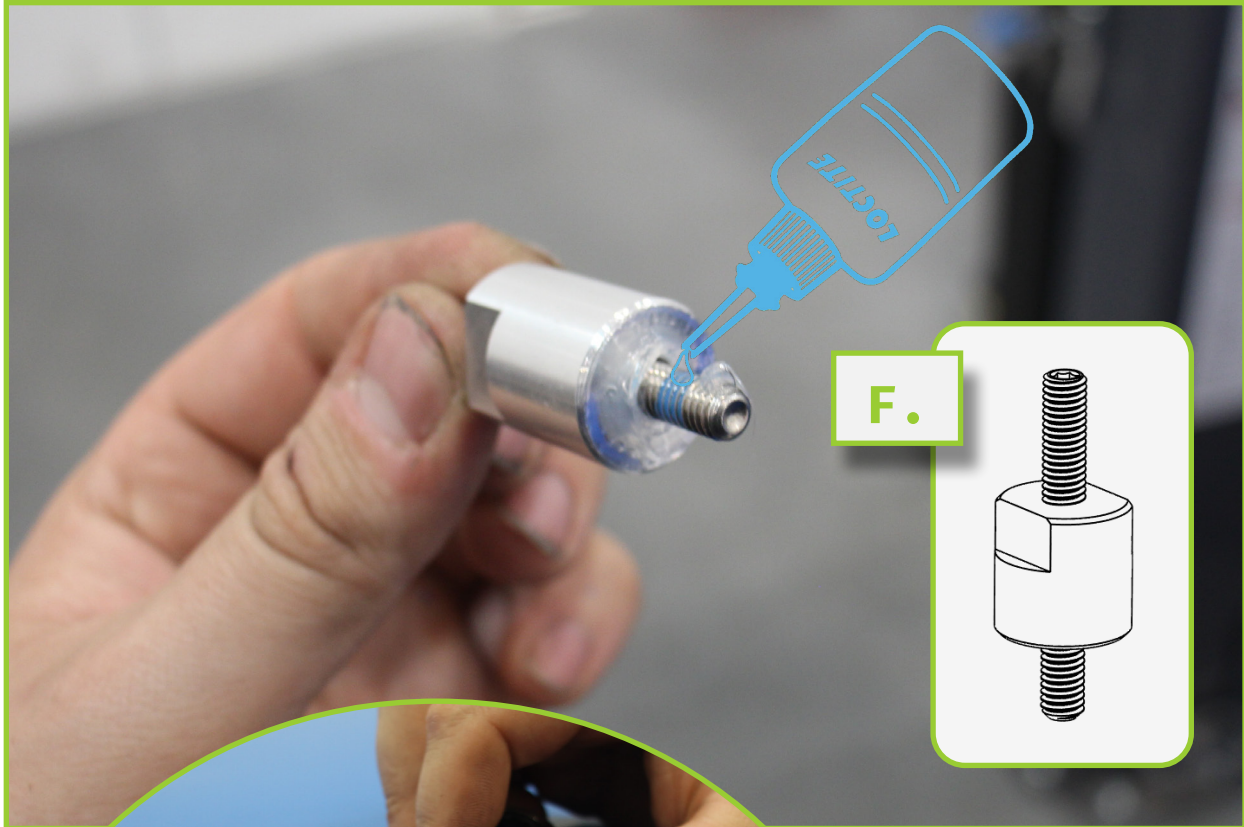
## STEP 11

Using a (razor blade) remove or poke a hole into the mounting holes. You can identify them by pushing down with your finger.



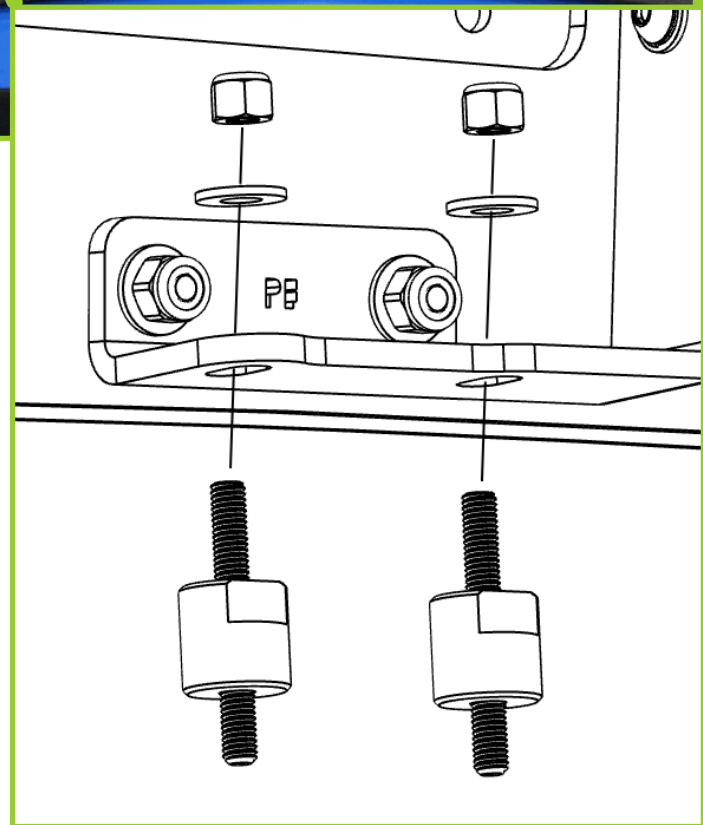
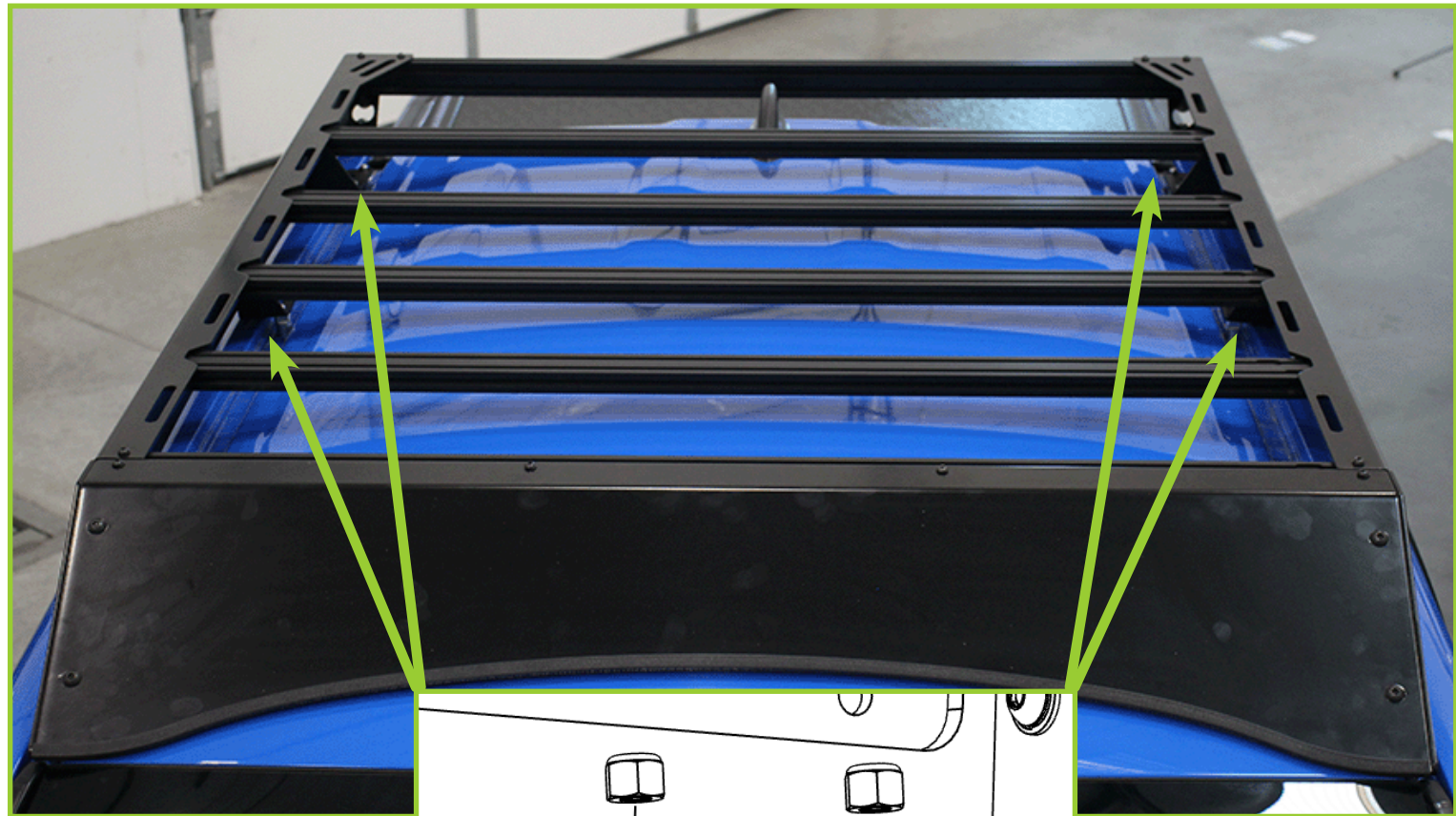
## STEP 12

- Using the provided hardware (F), apply silicone onto the bottom of the aluminum spacer and BLUE LOCTITE to the threads. **(Ensure you apply these only on the bottom end of the spacers)**
- You can now install the provided hardware (F) into the holes located from **step 11** using a 9/16 wrench. **\*\*DO NOT OVER TIGHTEN\*\***



## STEP 13

With a helping hand, install the roof rack onto the aluminum studs from **step 12** with the provided hardware from part **(F)** and a 13mm wrench. Center the roof rack on the truck then tighten hardware. Then set desired height and tighten the mounting brackets from **step 7** to the side panels.





**QUESTIONS OR CONCERNS?**

**CALL: 1-605-721-2911 OR EMAIL: [sales@c4fabrication.com](mailto:sales@c4fabrication.com)**