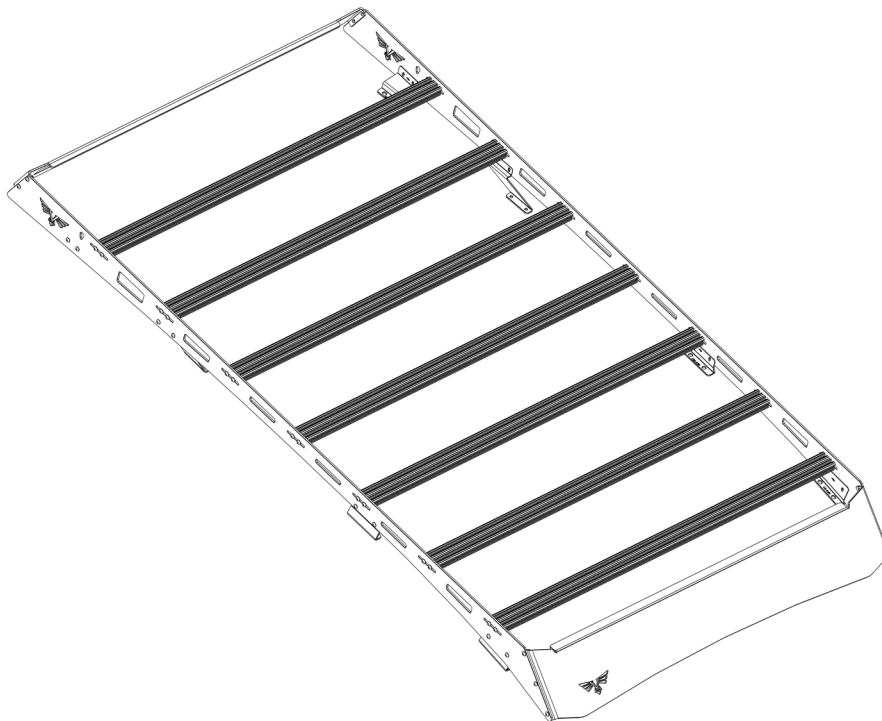




VICTORY 4X4

# 3RD GEN HIGHLANDER ROOF RACK

## INSTALL INSTRUCTIONS



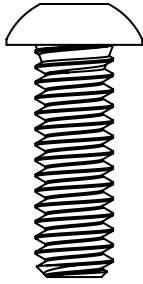
**Please read the mounting instructions below carefully before attempting to install.**

**Check out the install video on the product page for factory rack disassembly.**

Thank you for purchasing from Victory 4x4! Checkout our website, [victory4x4.com](http://victory4x4.com) for other great off-road products. Be sure to rate and review our product online. If you have any questions or are missing parts, please don't hesitate to call us at 269-459-8447!

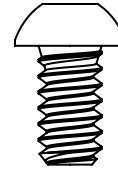
# INCLUDED HARDWARE

54x



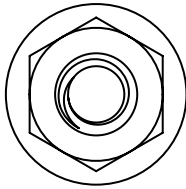
1/4"-20 X 3/4"  
Button Head

4x



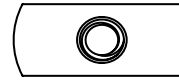
1/4"-20 X 3/8"  
Button Head  
Included with light  
bar cutout option.

26x



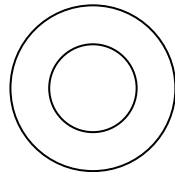
1/4"-20  
Serr. Flange Nut

4x



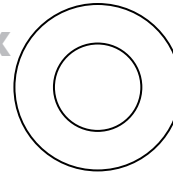
1/4"-20  
T-Nut  
Included with light  
bar cutout option.

54x



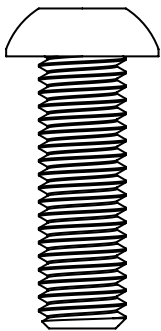
1/4" ID  
Washer

8x



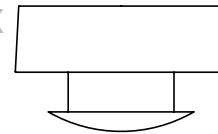
M8  
Washer

8x



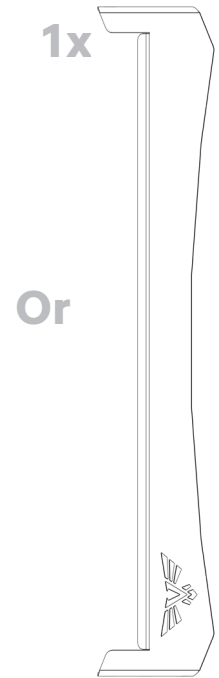
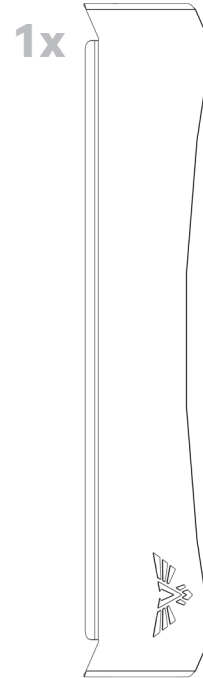
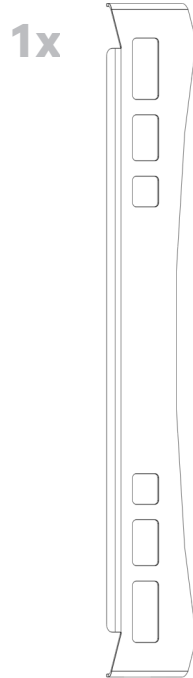
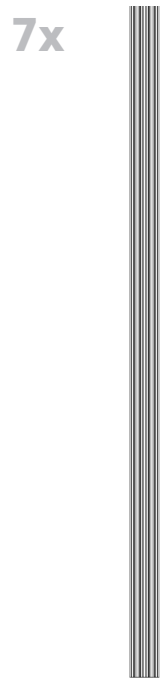
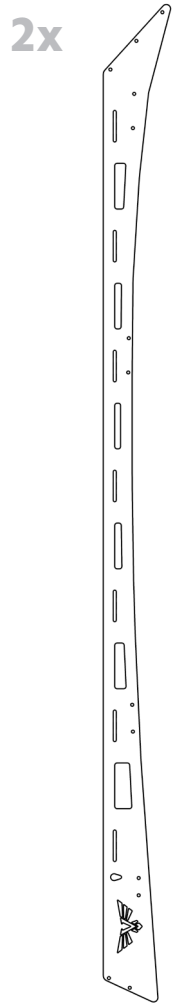
25mm M8  
Button Head

8x

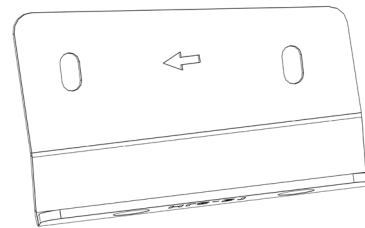


1/2" Rubber  
Push-in Bumper

# INCLUDED PARTS



1L/1R

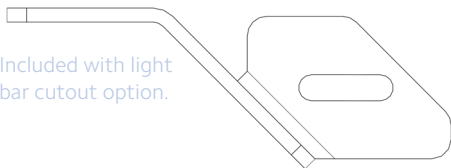


1L/1R

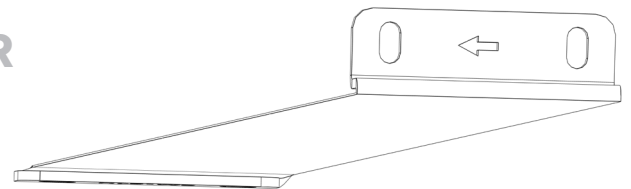


1L/1R

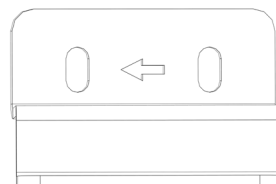
Included with light bar cutout option.



1L/1R

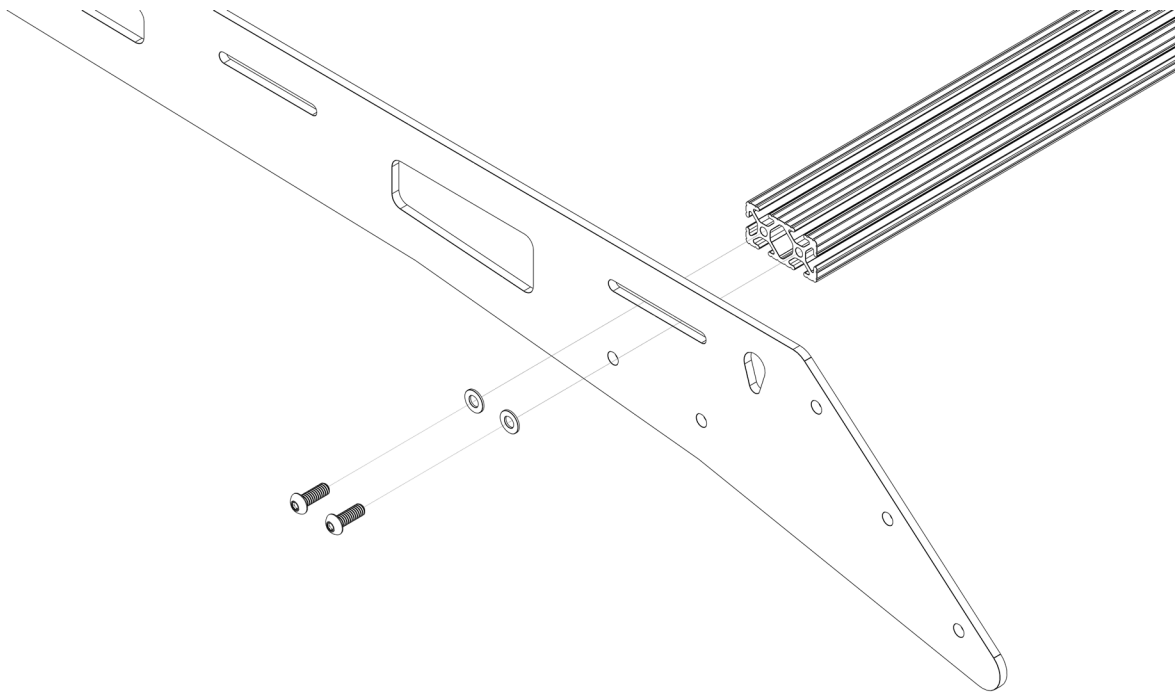


1L/1R



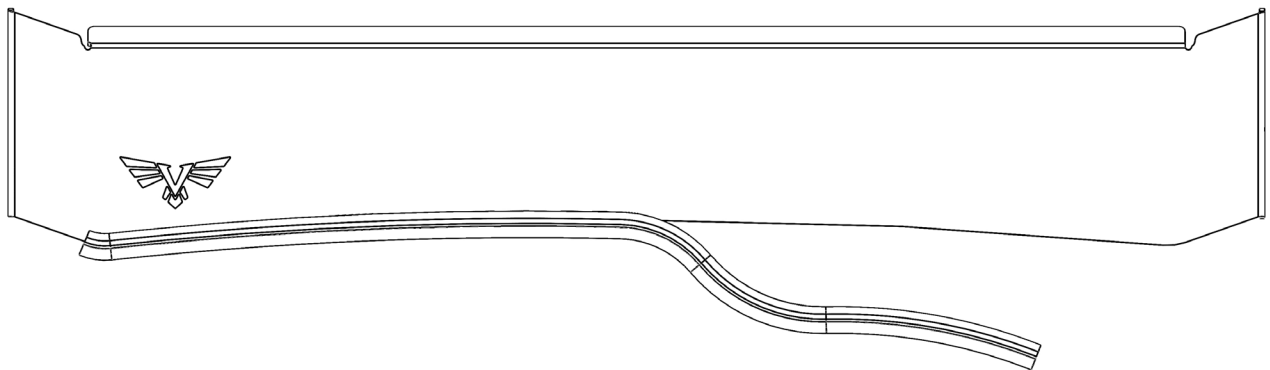
# ASSEMBLY

- 1** Assemble the rack on the ground. Start by mounting the crossbars between the two side rails. For this, use the 1/4"-20 X 3/4" button head bolts and the 1/4" ID washers (2 per bar per side). Make sure the machined slot in the rail of the crossbar is facing up, so that you can easily add t-nuts to mount your gear.



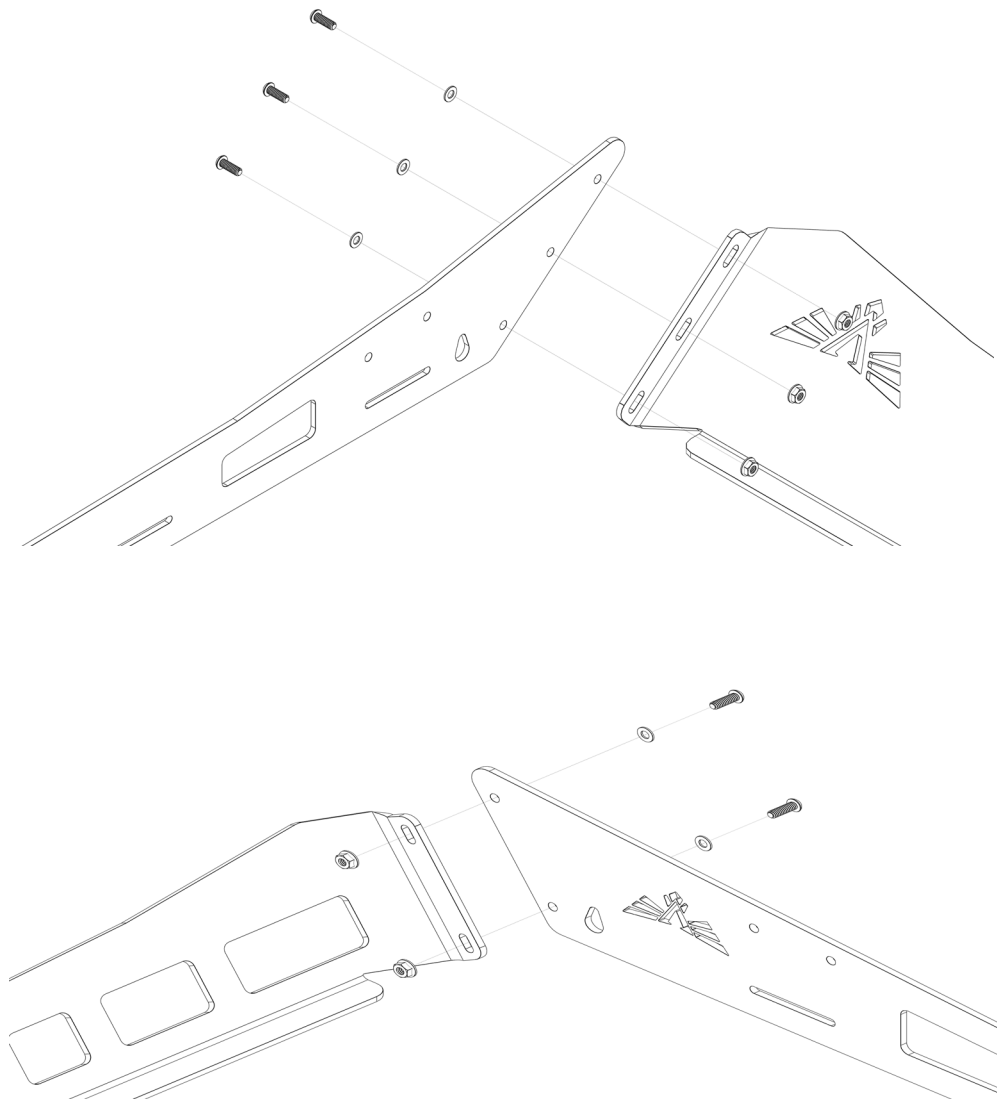
# ASSEMBLY

- 2 Next, mount the strip of trim to the bottom edge of the front fairing. Start just to the outside of the peak of the bottom edge and continue until it reaches the equivalent point on the other side of the fairing. Cut off any extra. Then, place the extra piece in the center of the rear fairing.



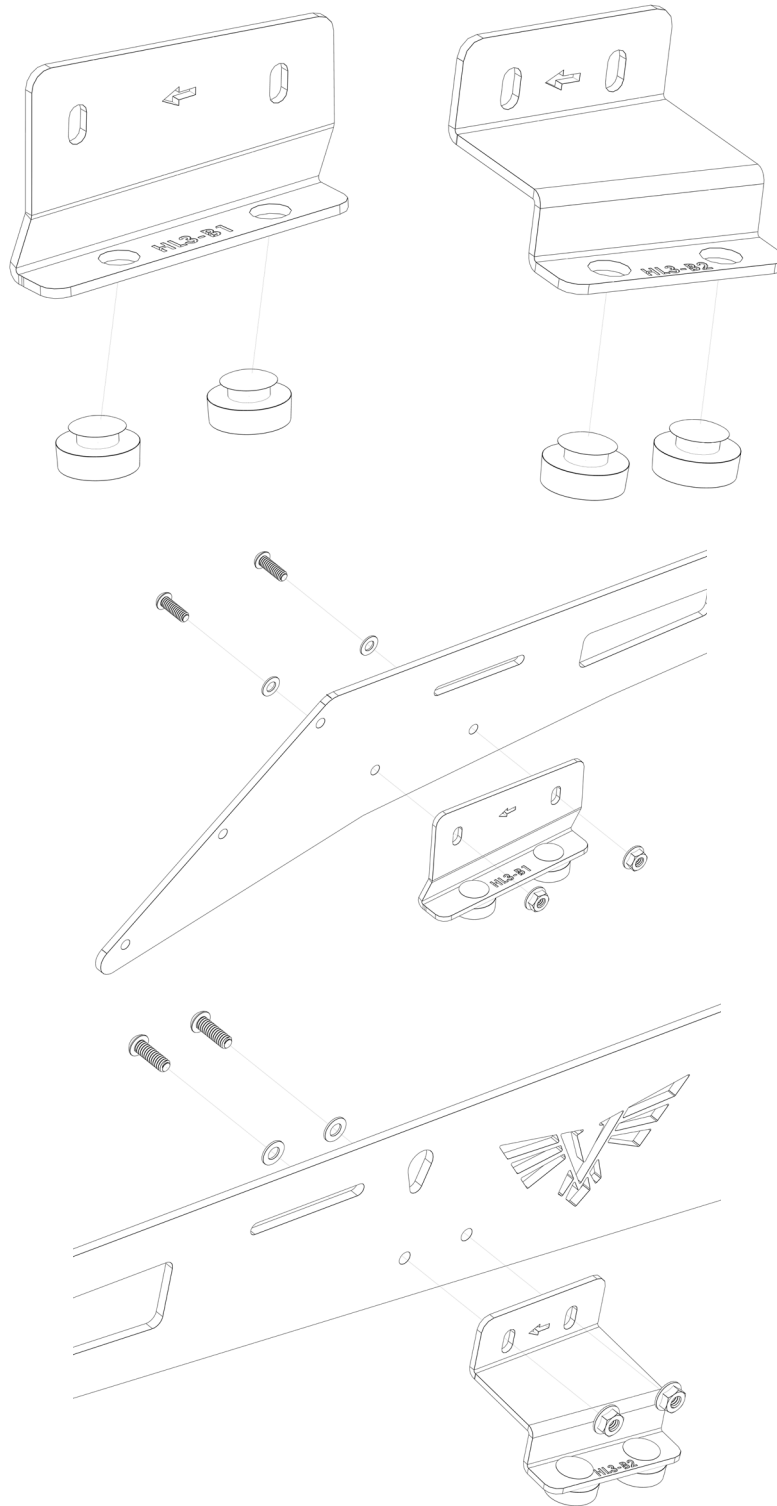
# ASSEMBLY

- 3** Next, mount the front and rear fairings. To do this, use the 1/4"-20 X 3/4" button head bolts, 1/4" ID washers, and 1/4"-20 serrated flange nuts. The front fairing will need three of each per side and the rear fairing will need two of each per side. When mounting the front fairing, adjust it all the way up to avoid contact with the roof and leave the bolts loose enough to be able to make adjustments once it is on the roof of the vehicle.



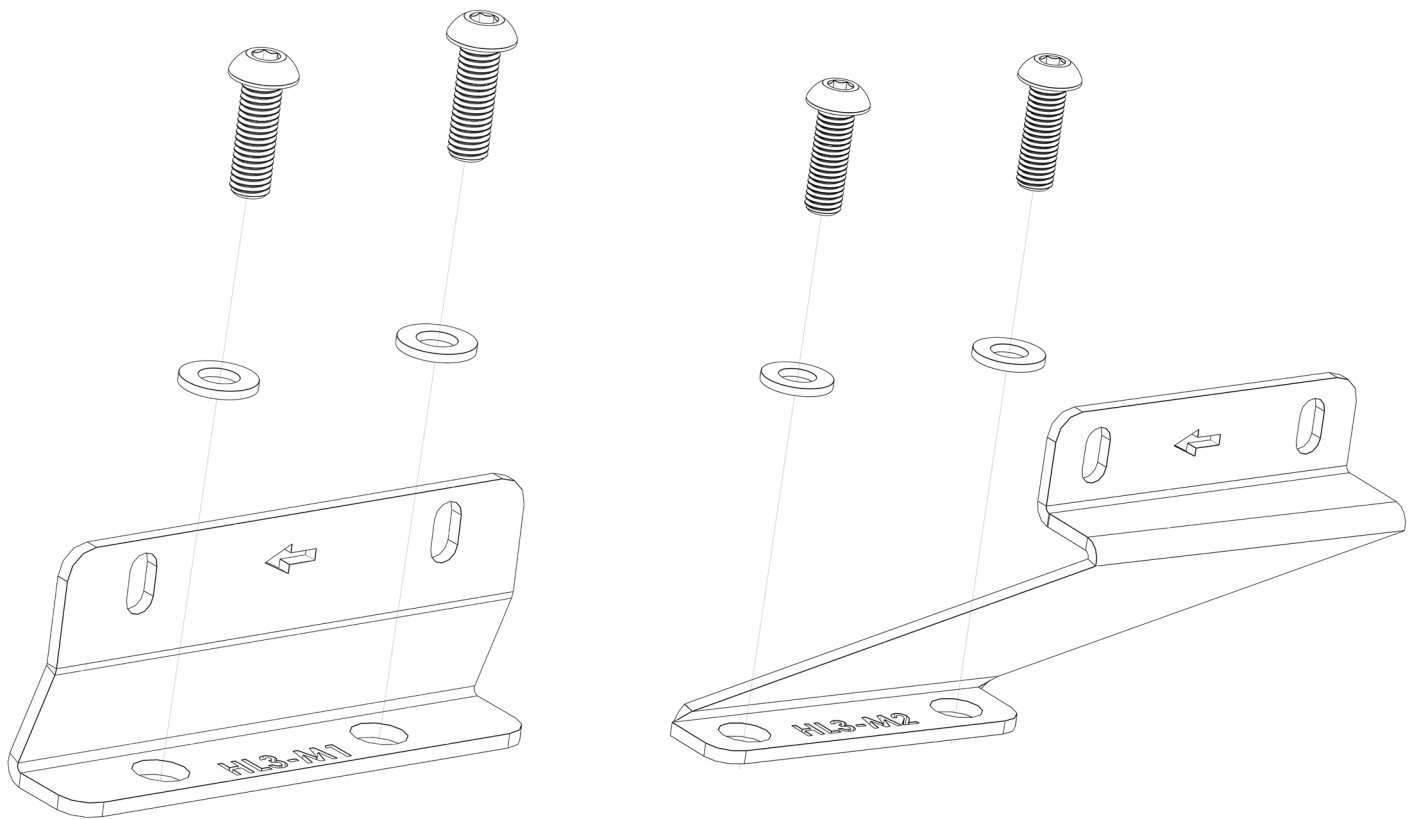
# ASSEMBLY

- 4** Next, put the rubber bumpers on the underside of the front and rear mounts and attach them to inside of the rack using the 1/4"-20 X 3/4" button head bolts, 1/4" ID washers, and 1/4"-20 serrated flange nuts. All mounts should point towards the front of the rack. Tighten them fully into place.



# ASSEMBLY

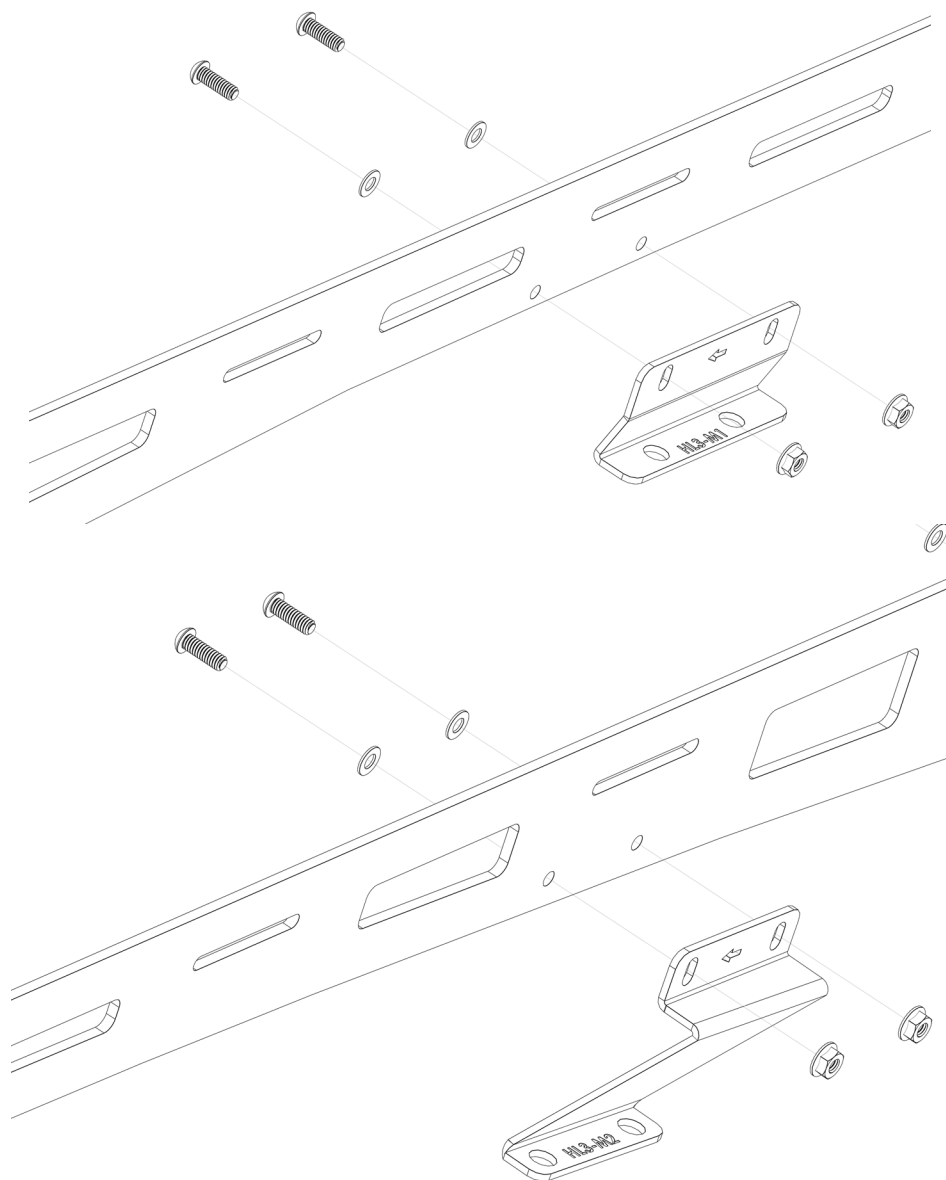
- 5** Next, apply RTV around each mounting hole on the roof of the vehicle and set the middle mounts into place. The mount labeled "M1" should be closer to the front of the vehicle than the mount labeled "M2". Then, cover and fill the top of the mounting holes with more RTV so that the bolts will have to pass through it when tightening the mount in to place. Next, tighten them into place with the M8 bolts and M8 washers. Leave them loose enough to be able to make adjustments later on.





# ASSEMBLY

- Next, place the assembled roof rack into position on the roof of the vehicle. Then, push the front and rear mounts down into the channel, making sure that the rubber bumpers get seated firmly against the bottom of it. With those in place, loosen the front and rear mounts from the side rails slightly in order to be able to get the rack into a position that you can loosely bolt the mid mounts to the side rails using the 1/4"-20 X 3/4" button head bolts, 1/4" ID washers, and 1/4"-20 serrated flange nuts. At this point make any necessary adjustments to the mid mounts and then tighten them fully to the roof of the vehicle and the side rails.

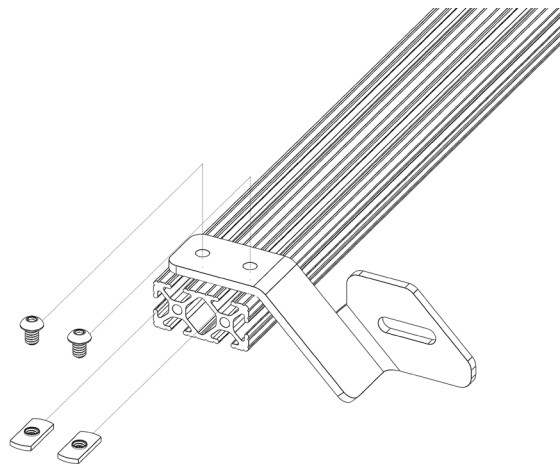


# ASSEMBLY

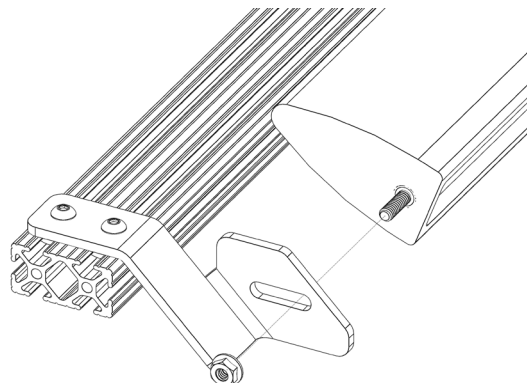
- 7** Next, push down on the front mount and up on the front of the rack, trying to get an even gap between the bottom edge of the side rail and the roof of the vehicle, and then tighten it fully into place. Repeat this for the other front mount and both rear mounts. This should help wedge the front and rear mounts into the channels and prevent any movement.
  
- 8** With everything in place, make any adjustment necessary in order to get an even gap between the bottom edge of the rack and the roof, all the way down the length of the vehicle and then tighten it into place.
  
- 9** Finally, push the front and rear fairing down tight to the roof of the vehicle and tighten everything fully into place. We recommend applying clear 3M paint protection film to the roof of the vehicle anywhere the edge trim/ fairings make contact with the roof. This will protect the paint from dirt/ debris over time.

# 40" LIGHT BAR ASSEMBLY

- 1** Slide 2 t-nuts into each of the channels on the top side of the front-most crossbar using the slots. Then, place each light bar mount over one pair of t-nuts and loosely bolt it in place using the 1/4"-20 X 3/8" button heads.



- 2** Next, place your light bar between the mounts and mount it in the slots using the hardware provided with the light bar. After that is firmly in position, make any adjustments to the positioning necessary to center the light bar on the rack. Depending on the rack and light bar, you may need to adjust the position of the cross bar in its slot as well.



# DIMENSIONS

