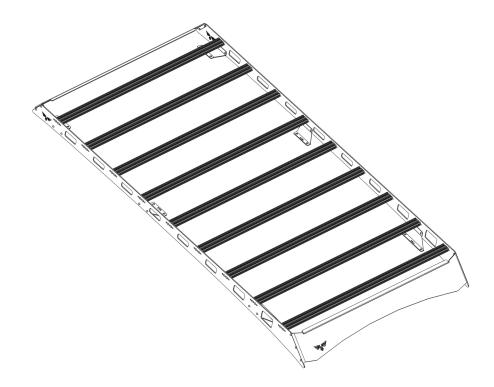


# 2ND GEN SEQUOIA ROOF RACK

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.

# **INCLUDED HARDWARE**



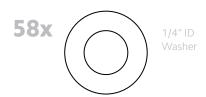
1/4"-20 X 3/4" Button Head

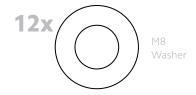


1/4"-20 X 3/8" Button Head Included with light bar cutout option.



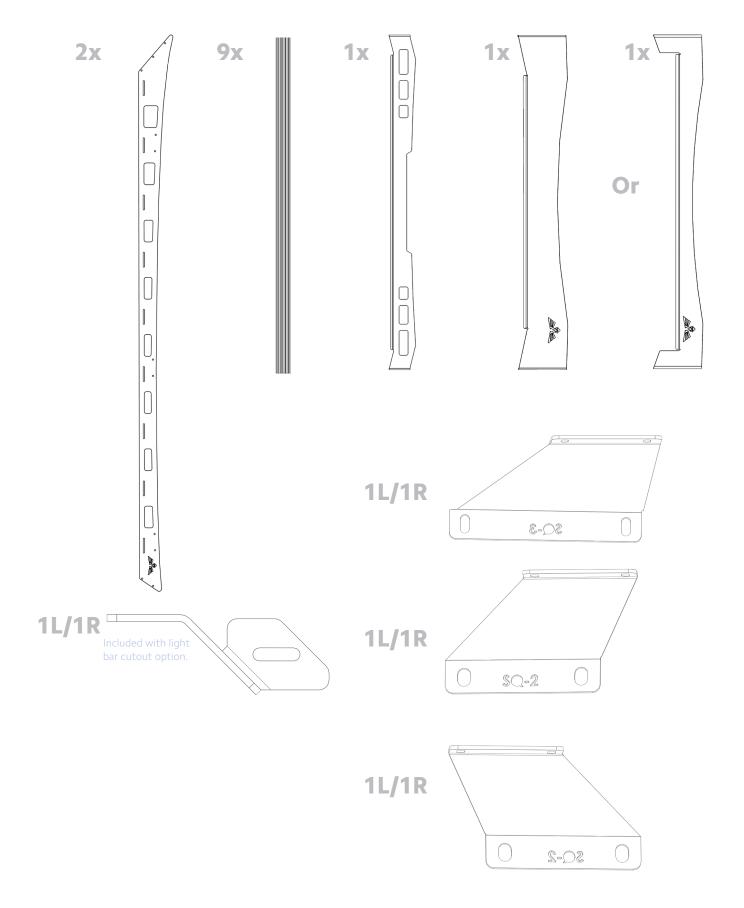
4x 1/4"-20
T-Nut
Included with light bar cutout option.



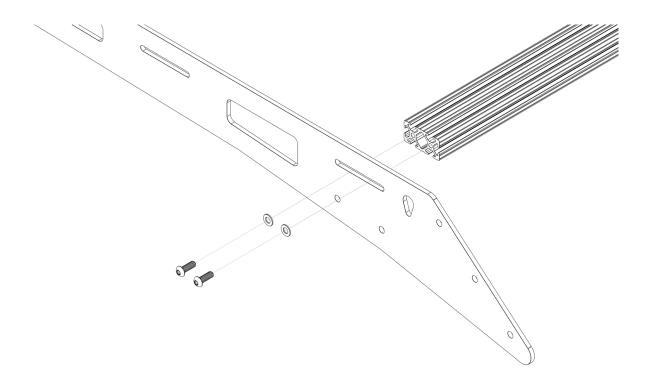




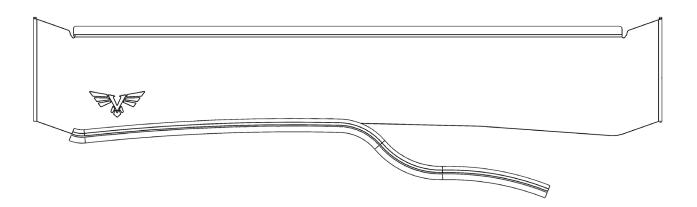
# **INCLUDED PARTS**



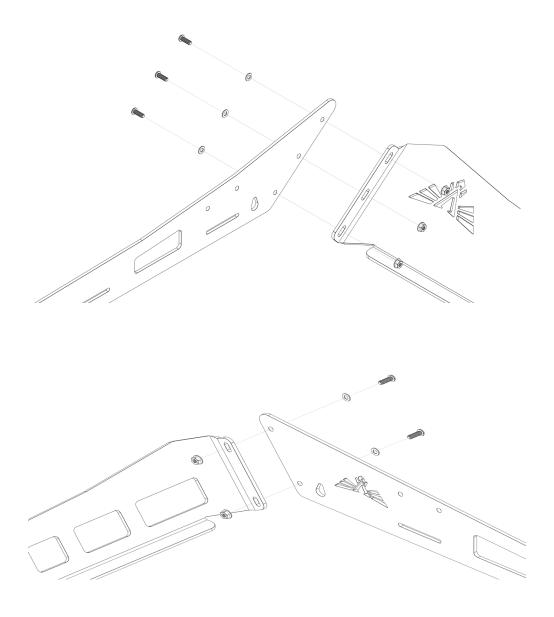
1 Assemble the rack on the ground. Start by mounting the crossbars between the two side rails. For this, use the 1/4"-20 X 3/4" button head bolts and the 1/4" ID washers (two per bar per side). Make sure the machined slot in the rail of the crossbar is facing up, so that you can easily add t-nuts to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



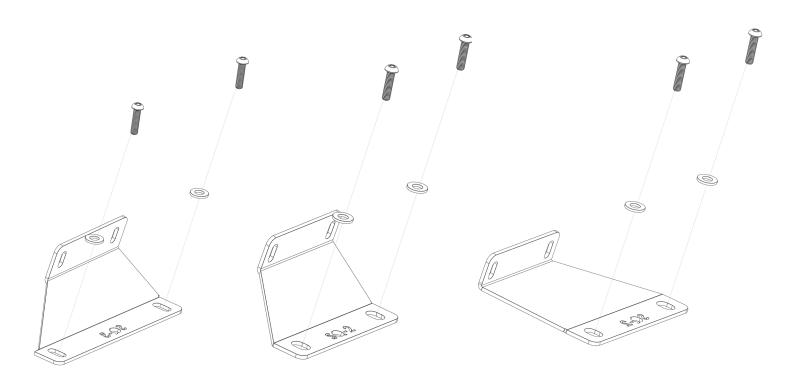
2 Next, mount the strip of trim to the bottom edge of the front fairing. Start just to the outside of the peak of the bottom edge and continue until it reaches the equivalent point on the other side of the fairing. Cut off any extra. Then, cut the extra in half and mount the two pieces onto the bottom edge of the rear fairing wherever it contacts the roof of the vehicle.



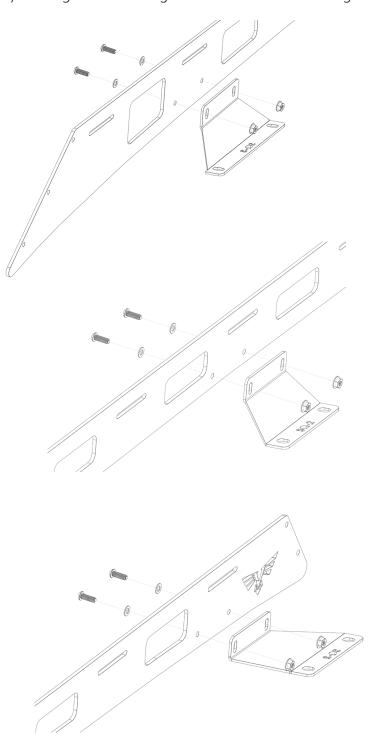
3 Next, mount the front and rear fairings. To do this, use the 1/4"-20 X 3/4" button head bolts, 1/4" ID washers, and 1/4"-20 serrated flange nuts. The front fairing will need three of each per side and the rear fairing will need two of each per side. When mounting the front fairing, adjust it all the 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.



4 Next, apply RTV around the mounting holes on the roof of the vehicle and set the mount into place. There will be two extra holes that aren't used on each side. The first will be under the front mount and the second is just to the side of the mid mount. Cover the first hole in RTV before setting the front mount in place in order to seal it. For the second hole, put RTV in and around it and pop one of the factory pop in clips from the stock roof rack. 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 it into place with the M6 bolts and M8 washers, leaving it loose enough that it can move some. The mid and rear mounts are the same, however, the mounts will be oriented so that the angles portion is closer to the front of the vehicle on the mid mounts and closer to the rear on the rear mounts.



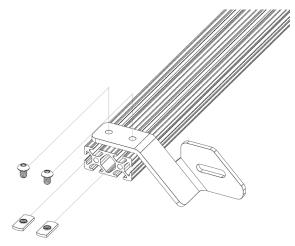
Next, put the assembled rack onto your roof and attach it to the mounts using the 1/4"-20 X 3/4" button head bolts, 1/4" washers and 1/4" serrated flange nuts. Make sure to keep the bottom edge of the rack an equal distance from the roof all the way down the length of the vehicle and tighten down fully. Then go back and tighten the mounts down tight to the roof.



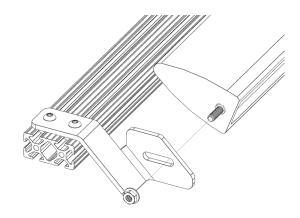
- 6 With everything into place, make whatever adjustments that are necessary in order to get an even gap between the bottom edge of the rack and the roof, all the way down the length of the vehicle and then tighten everything except for the fairings into place.
- 7 Finally, push the front and rear fairing 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

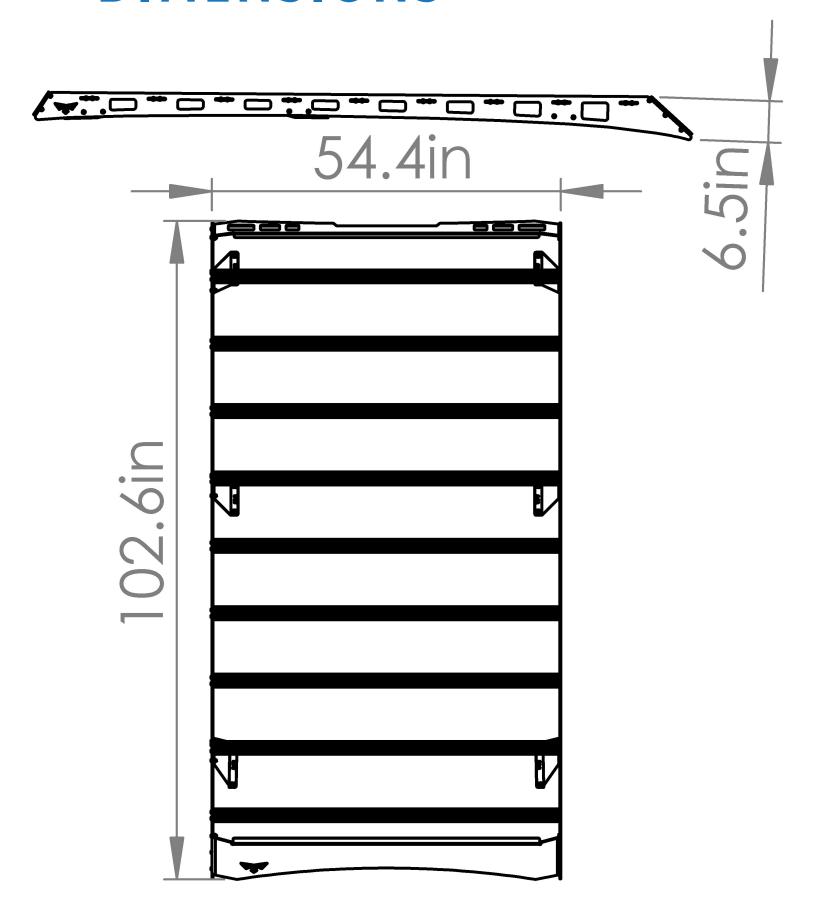
1 Slide two t-nuts into each of the channels on the top side of the front-most crossbar using the slots. Then, place each light bar mount over one pair of t-nuts and loosely bolt it in place using the 1/4"-20 X 3/8" button heads.



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**



# **1ST GEN DIMENSIONS**

