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# 5TH GEN 4RUNNER FULL ROOF RACK

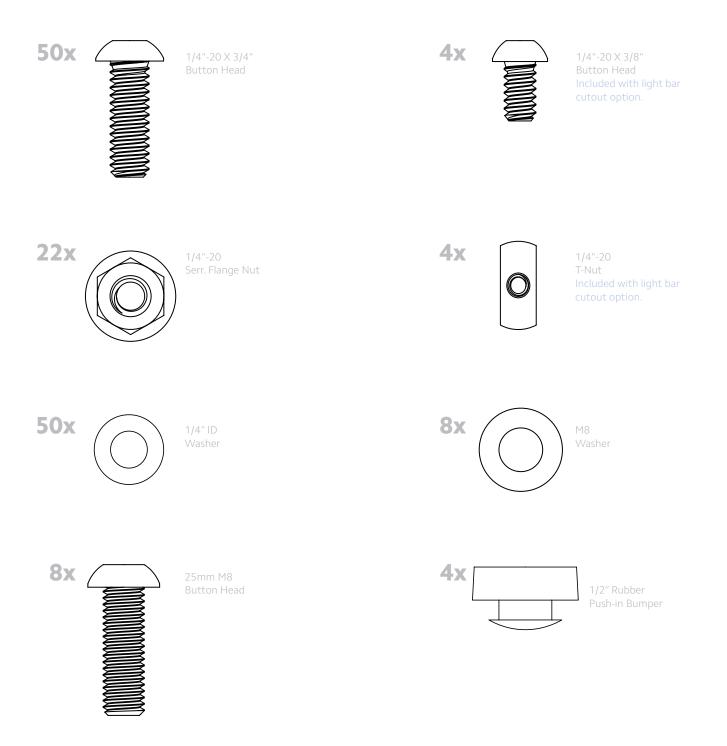
#### INSTALL INSTRUCTIONS



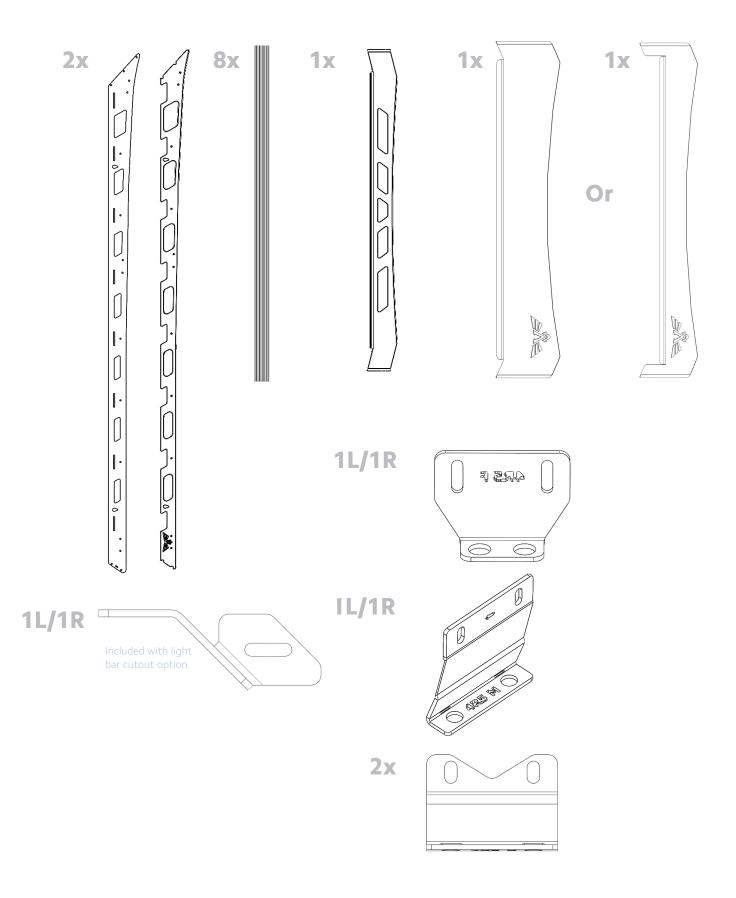
#### Please read the assembly instructions below carefully before attempting to install. Check out the install video on the product page for factory rack disassembly.

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# **INCLUDED HARDWARE**

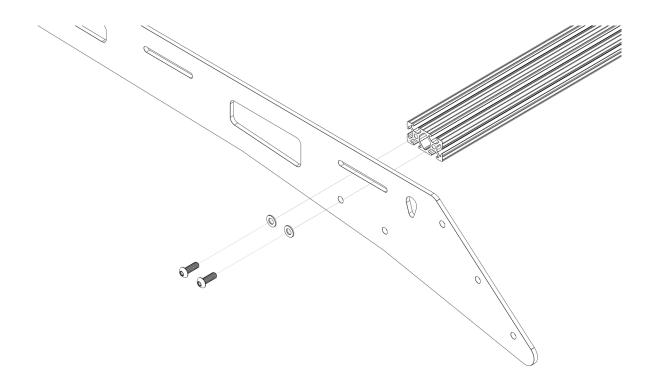


#### **INCLUDED PARTS**

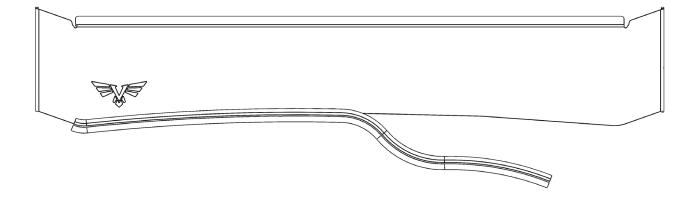


1 Assemble the rack on the ground. Start by mounting the accent plates to the side rails using the black 1/4"-20 nuts, black 1/4" washers and serrated flange nuts. The mounting holes are the single holes located under the center of some cross bars.

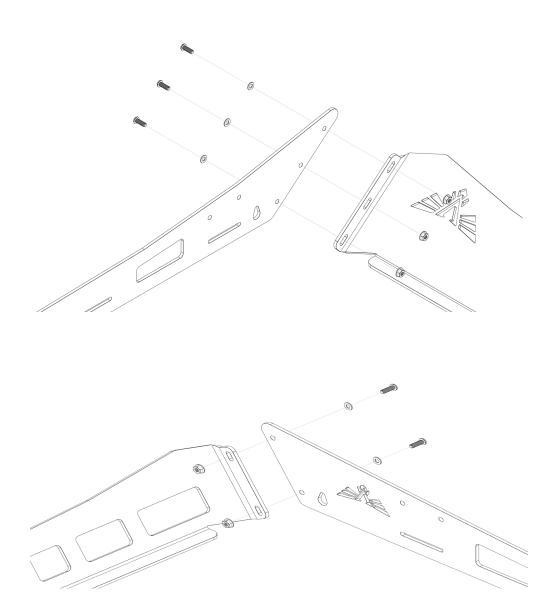
2 Next, mount the crossbars between the 2 side rails. For this, use the1/4"-20 X 3/4" button head bolts and the 1/4" ID washers (2 per bar per side). Make sure the machined slot in the rail of the crossbar is facing up, so that you can easily add t-nuts to mount your gear.



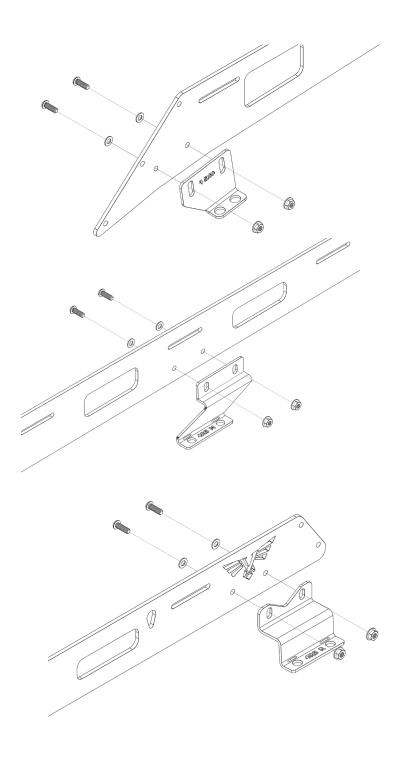
**3** Next, mount the strip of trim to the bottom edge of the front fairing. Start just to the outside of the peak of the bottom edge and continue until it reaches the equivalent point on the other side of the fairing. Cut off any extra. Then, cut the extra in half and mount the 2 pieces onto the bottom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



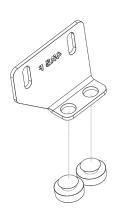
4 Next, mount the front and rear fairings. To do this, use the1/4"-20 X 3/4" button head bolts, 1/4" ID washers, and 1/4"-20 serrated flange nuts. The front fairing will need 3 of each per side and the rear fairing will need 2 of each per side. When mounting the front fairing, adjust it all the way up to avoid contact with the roof and tighten for now.

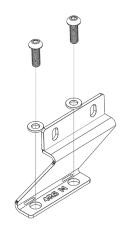


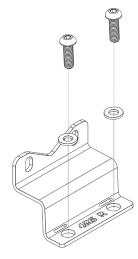
5 Next, attach the mounts to the assembled roof rack using the 1/4"-20 X
3/4" button head bolts, 1/4" washers and 1/4" serrated flange nuts. Set the mounts at the lowest position and tighten them for now.



6 Next, attach the mid and rear mounts to the roof of the vehicle. Start by circling each hole on the roof with RTV. This will seal the mounting surface. Then, press the rubber bumpers into the bottom of the front mounts (start one edge and twist them into place) and set the assembled roof rack into place on the roof. Next, cover each mounting hole with RTV. Use enough that the bolt will have to pass through it when tightening into the roof. Bolt the mid and rear mounts to the roof using the M8 button head bolts and washers. Start all of them by hand and then go back and tighten fully.



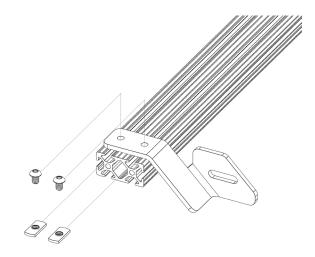




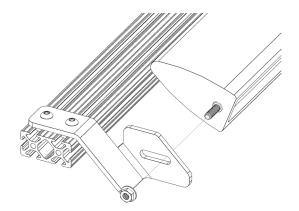
- 7 With the mid and rear mounts bolted firmly to the roof, adjust the position of the rack by loosening the mounting bolts on the side rail until there is and equal gap between the bottom of the side rails and the roof down the length of the vehicle. Then re-tighten only the mid and rear mounts into place.
- 8 Next, pull up slightly on the front of the rack, and push the front mounts down into the channel. Make sure the rubber bumpers are seated fully in the channel before tightening them. This allows for the mid and rear mounts to help hold the front mounts against the roof and prevents any type of movement.
- **9** Finally, push the front and rear fairings tight against the roof 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. If you are unable to get the front fairing down tight to the roof, you may need to adjust the overall height of the rack at the mid and/or rear mounts. In some cases, you may need to pivot the whole rack down toward the front to get the front fairing to make contact.

## 40" LIGHT BAR ASSEMBLY

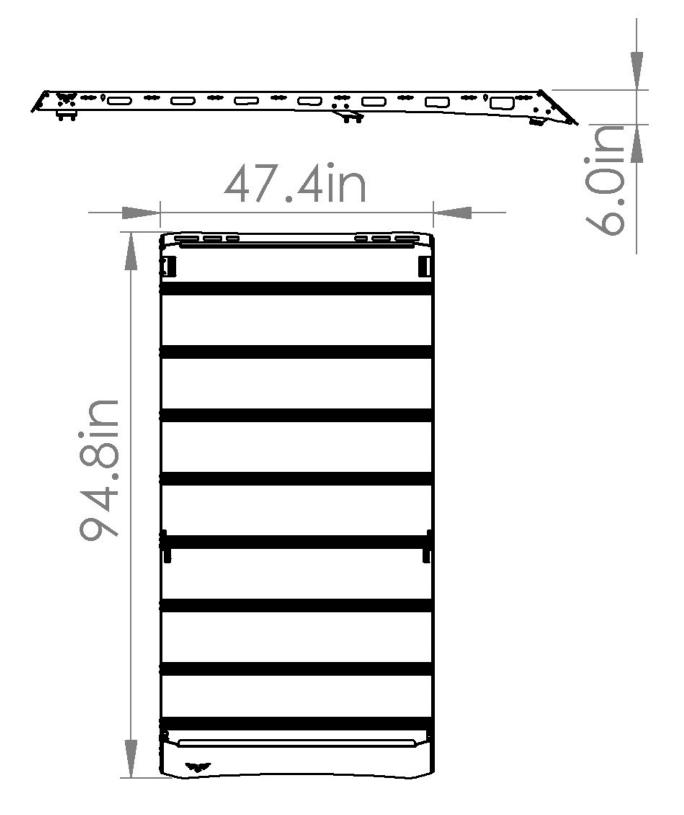
Slide 2 t-nuts into each of the channels on the top side of the front-most crossbar using the slots. Then, place each light bar mount over one pair of t-nuts and loosely bolt it in place using the 1/4"-20 X 3/8" button heads.



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.



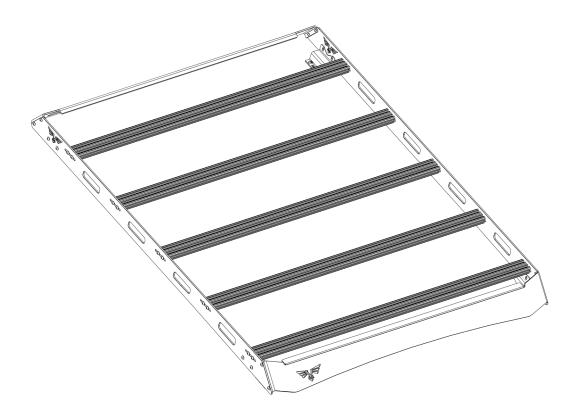
#### DIMENSIONS





# 5TH GEN 4RUNNER STANDARD ROOF RACK

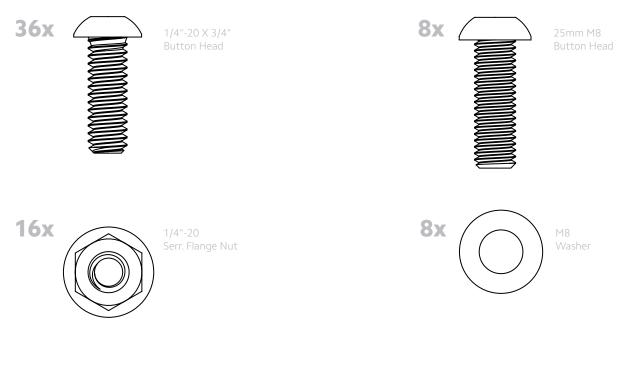
#### INSTALL INSTRUCTIONS

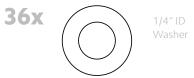


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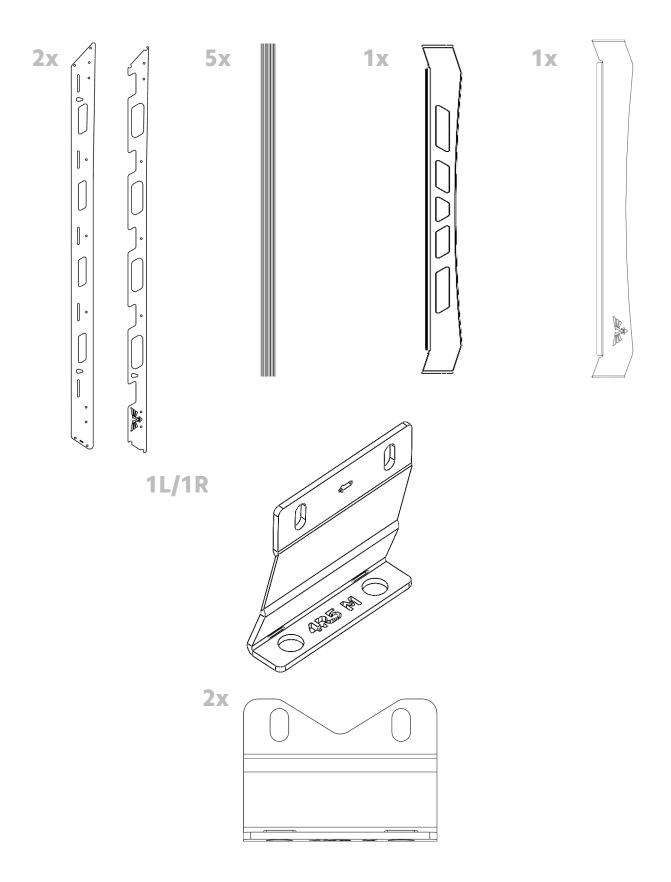
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# **INCLUDED HARDWARE**



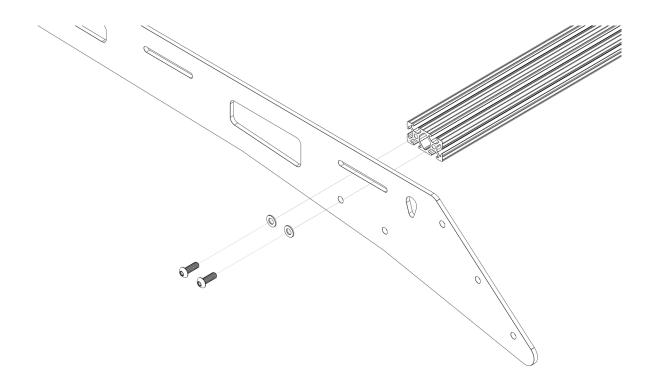


#### **INCLUDED PARTS**

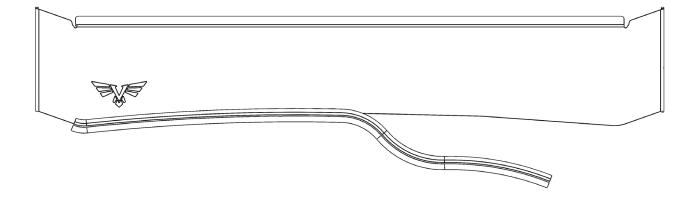


1 Assemble the rack on the ground. Start by mounting the accent plates to the side rails using the black 1/4"-20 nuts, black 1/4" washers and serrated flange nuts. The mounting holes are the single holes located under the center of some cross bars.

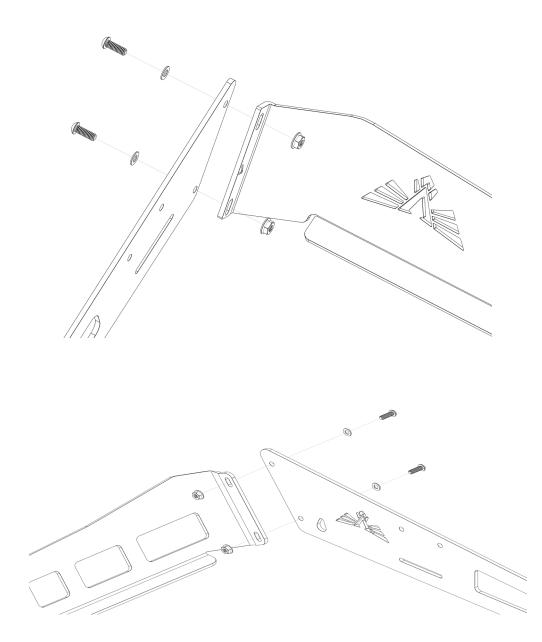
2 Next, mount the crossbars between the 2 side rails. For this, use the1/4"-20 X 3/4" button head bolts and the 1/4" ID washers (2 per bar per side). Make sure the machined slot in the rail of the crossbar is facing up, so that you can easily add t-nuts to mount your gear.



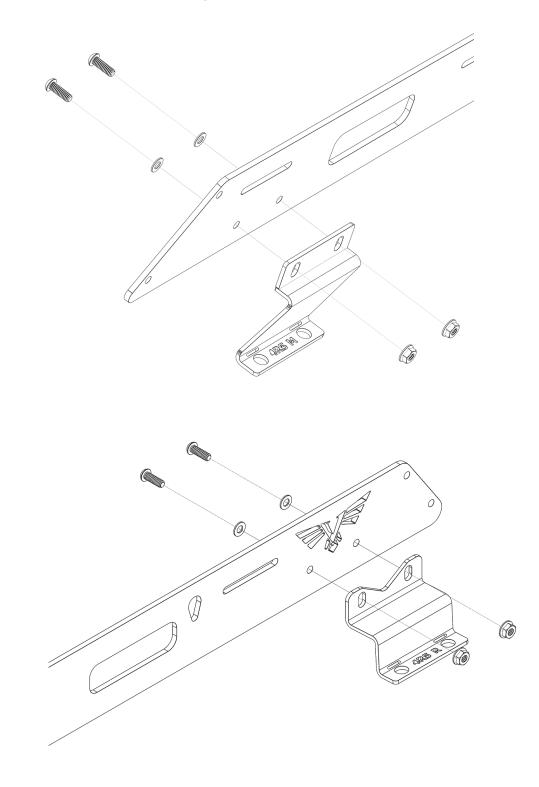
**3** Next, mount the strip of trim to the bottom edge of the front fairing. Start just to the outside of the peak of the bottom edge and continue until it reaches the equivalent point on the other side of the fairing. Cut off any extra. Then, cut the extra in half and mount the 2 pieces onto the bottom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



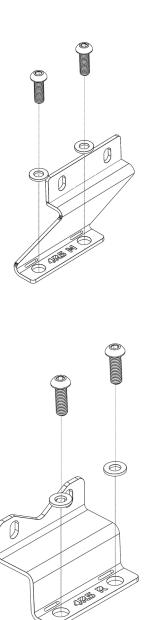
4 Next, mount the front and rear fairings. To do this, use the1/4"-20 X 3/4" button head bolts, 1/4" ID washers, and 1/4"-20 serrated flange nuts. The front fairing will need 3 of each per side and the rear fairing will need 2 of each per side. When mounting the front fairing, adjust it all the way up to avoid contact with the roof and tighten for now.



5 Next, attach the mounts to the assembled roof rack using the 1/4"-20 X
3/4" button head bolts, 1/4" washers and 1/4" serrated flange nuts. Set the mounts at the lowest position and tighten them for now.

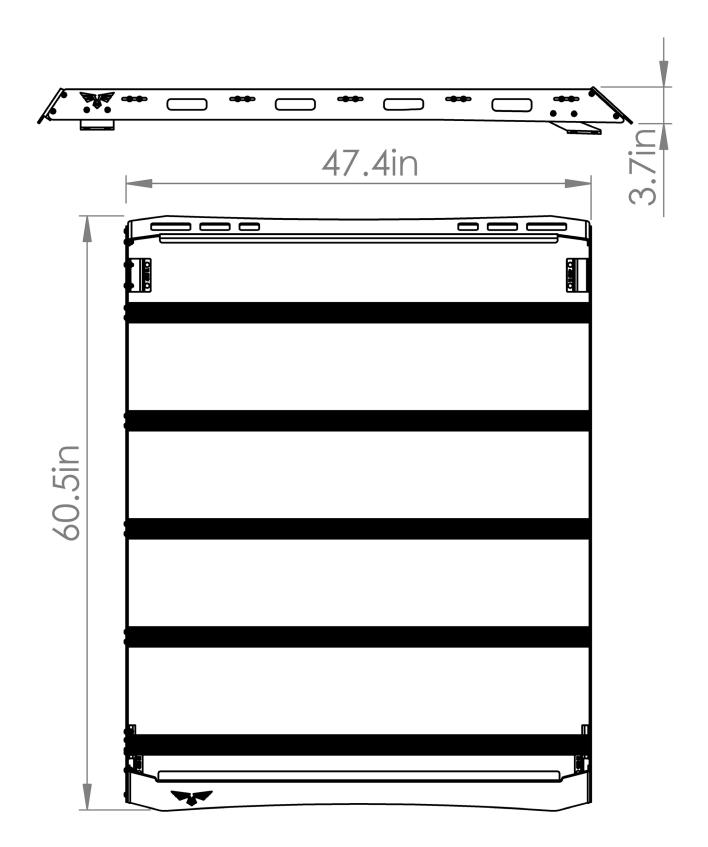


6 Next, attach the mounts to the roof of the vehicle. Start by circling each hole on the roof with RTV. This will seal the mounting surface. Then, set the assembled roof rack into place on the roof. Next, cover each mounting hole with RTV. Use enough that the bolt will have to pass through it when tightening into the roof. Bolt the mounts to the roof using the M8 button head bolts and washers. Start all of them by hand and then go back and tighten fully.



- 7 With the mounts bolted firmly to the roof, adjust the position of the rack by loosening the mounting bolts on the side rail until there is and equal gap between the bottom of the side rails and the roof down the length of the vehicle. Then re-tighten the mounts into place.
- 8 Finally, push the front and rear fairings tight against the roof 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. If you are unable to get the front fairing down tight to the roof, you may need to adjust the overall height of the rack at the mid and/or rear mounts. In some cases, you may need to pivot the whole rack down toward the front to get the front fairing to make contact.

#### DIMENSIONS





# 4TH GEN 4RUNNER ROOF RACK

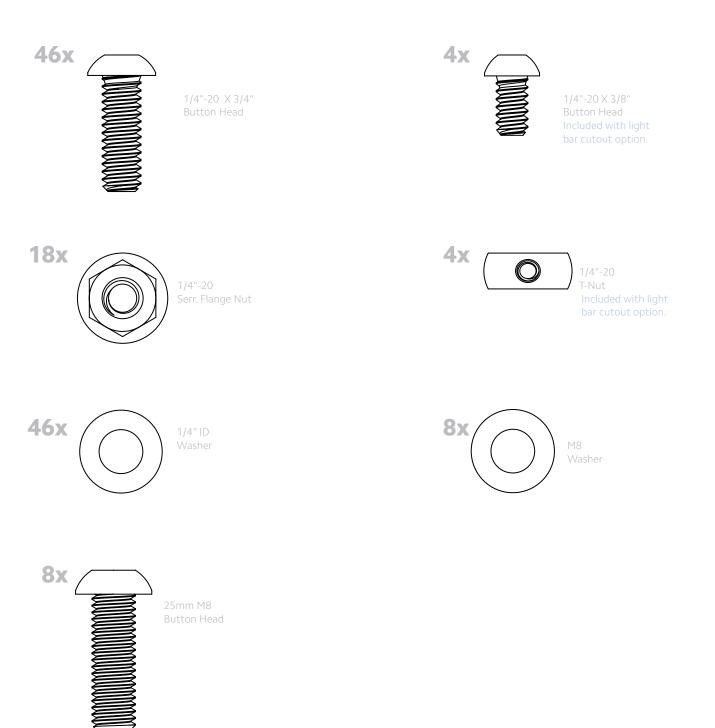
#### INSTALL INSTRUCTIONS



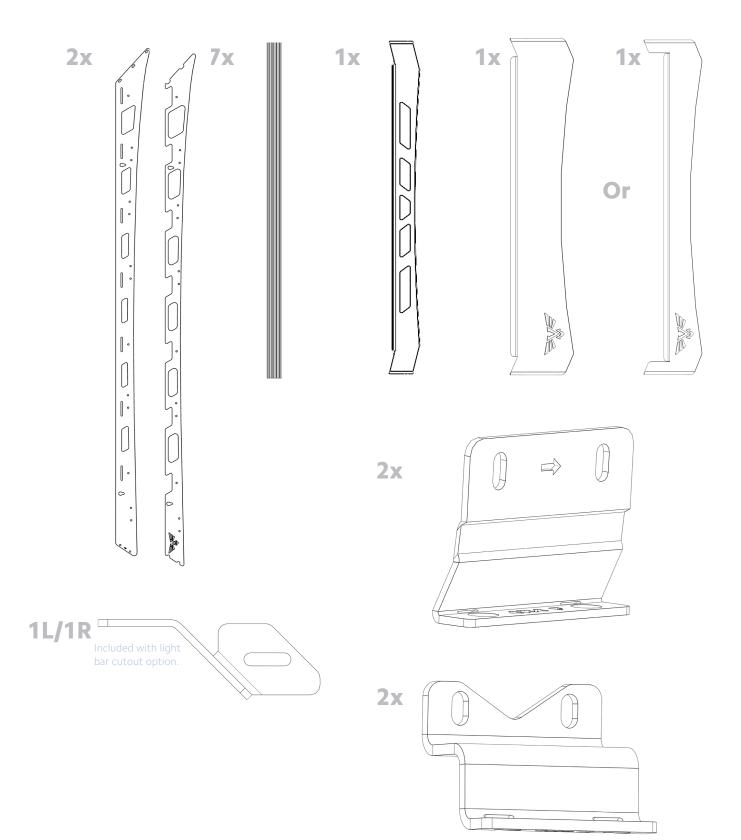
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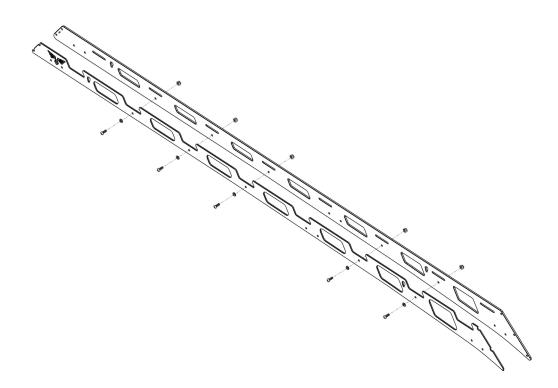
# **INCLUDED HARDWARE**



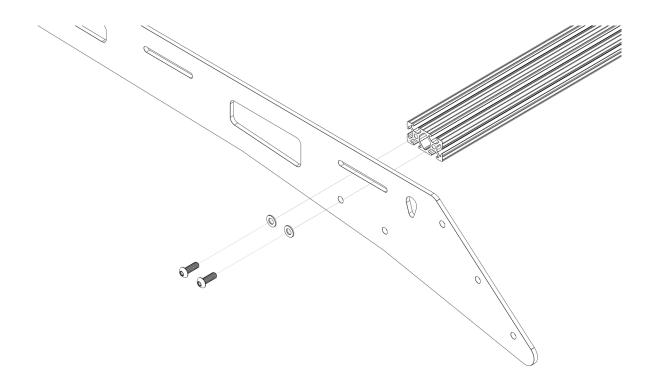
#### **INCLUDED PARTS**



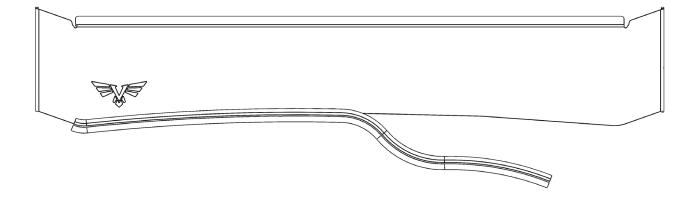
Assemble the rack on the ground. Start by mounting the accent plates to the side rails using the black 1/4"-20 nuts, black 1/4" washers and serrated flange nuts. The mounting holes are primarily the single holes located under the center of some cross bars. There will also be some unused mounting holes at the end of the installation that can be used to mount the accent plate. Use one bolt in the hole closest to the center of the crossbar above it.



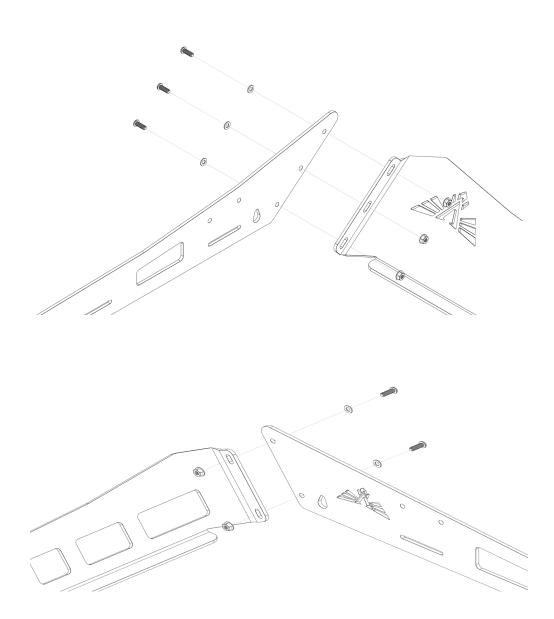
2 Next, mount the crossbars between the 2 side rails. For this, use the1/4"-20 X 3/4" button head bolts and the 1/4" ID washers (2 per bar per side). Make sure the machined slot in the rail of the crossbar is facing up, so that you can easily add t-nuts to mount your gear.



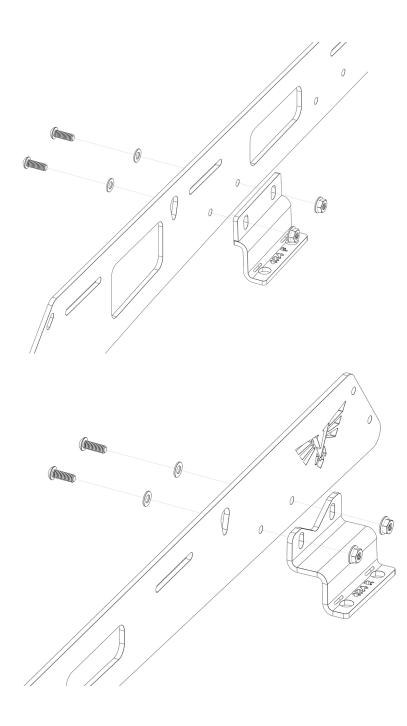
**3** Next, mount the strip of trim to the bottom edge of the front fairing. Start just to the outside of the peak of the bottom edge and continue until it reaches the equivalent point on the other side of the fairing. Cut off any extra. Then, cut the extra in half and mount the 2 pieces onto the bottom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



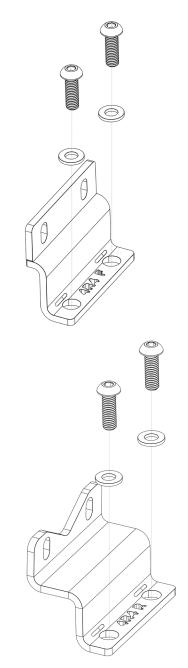
4 Next, mount the front and rear fairings. To do this, use the1/4"-20 X 3/4" button head bolts, 1/4" ID washers, and 1/4"-20 serrated flange nuts. The front fairing will need 3 of each per side and the rear fairing will need 2 of each per side. When mounting the front fairing, adjust it all the way up 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.



5 Next, attach the mounts 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. Make sure to use the front most, and rear most mounting holes.



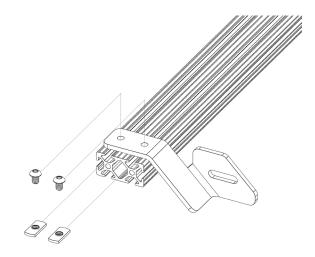
6 Next, apply RTV in and around the mounting holes on the roof of the vehicle and set the assembled rack into place. Try to get it as close to the correct position as possible so that you don't accidentally spread the RTV while trying to sliding the rack into position. Then, cover and fill the top of 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 fully into place with the M8 bolts and M8 washers.



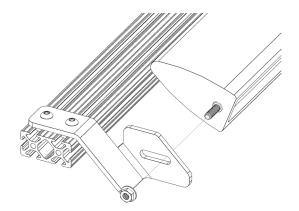
- 7 With everything into place, make whatever adjustments that are necessary in order to get an even gap between the bottom edge of the rack and the roof, all the way down the length of the vehicle and then tighten it into place.
- 8 Finally, push the front and rear fairing down tight to the roof of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

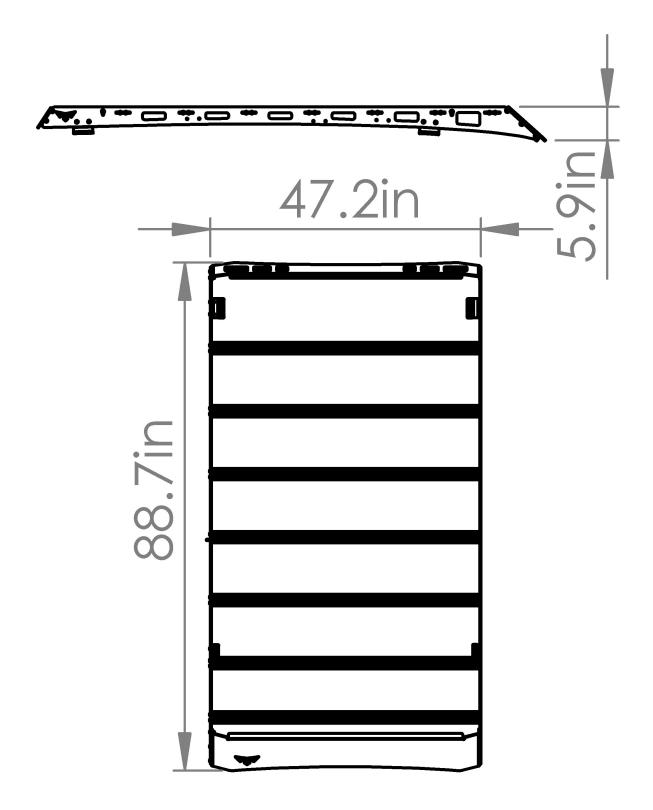
Slide 2 t-nuts into each of the channels on the top side of the front-most crossbar using the slots. Then, place each light bar mount over one pair of t-nuts and loosely bolt it in place using the 1/4"-20 X 3/8" button heads.



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.



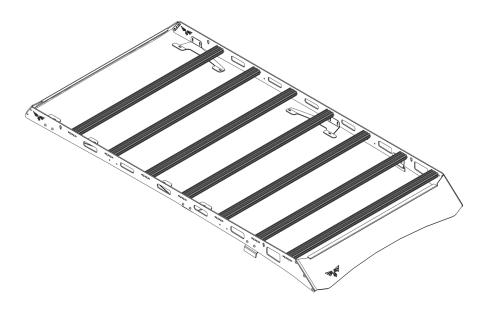
#### DIMENSIONS





# **3RD GEN 4RUNNER ROOF RACK**

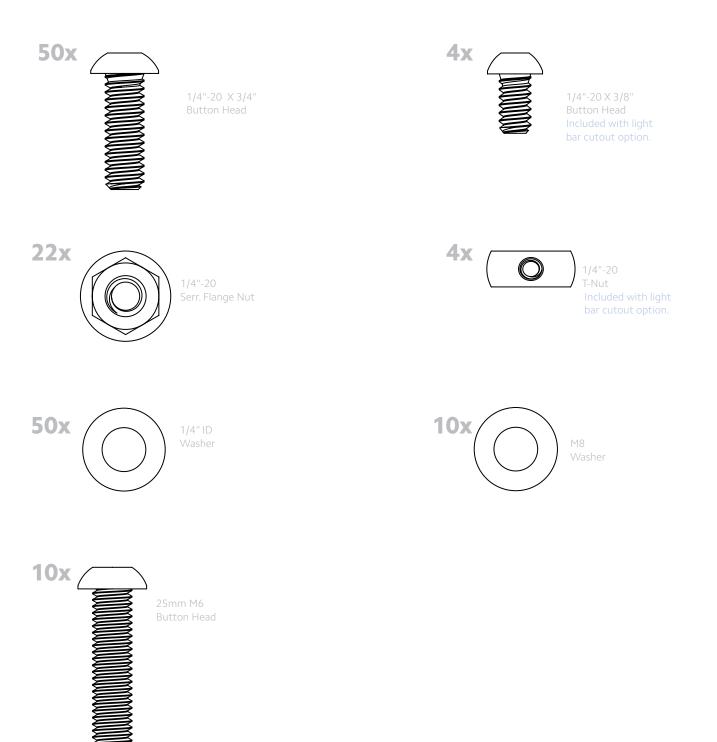
#### INSTALL INSTRUCTIONS



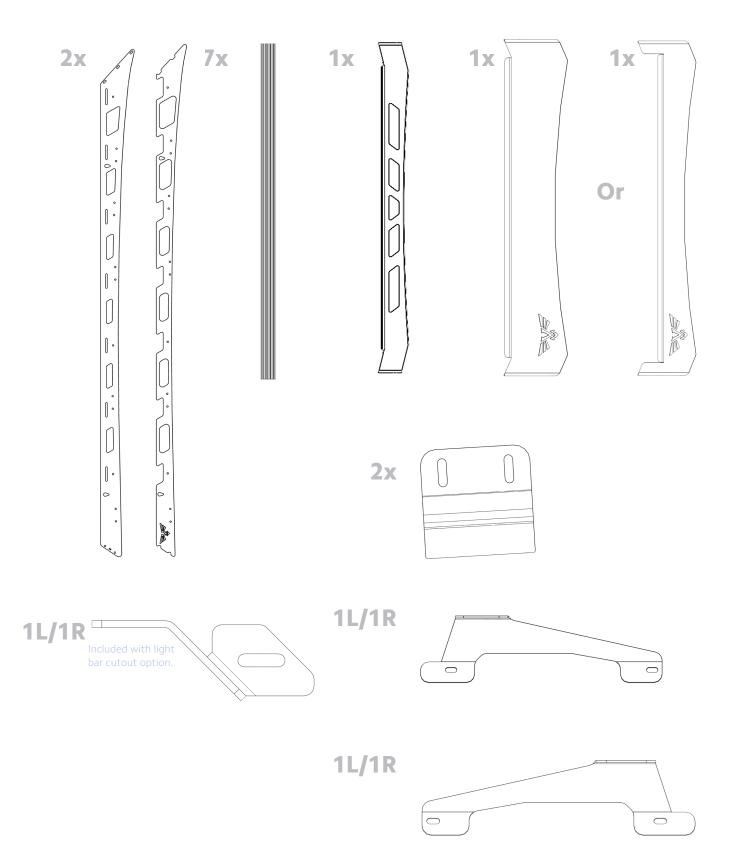
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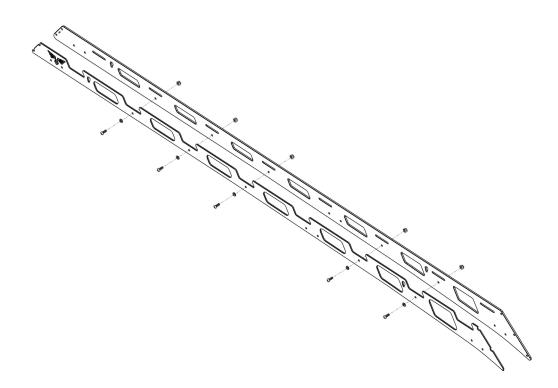
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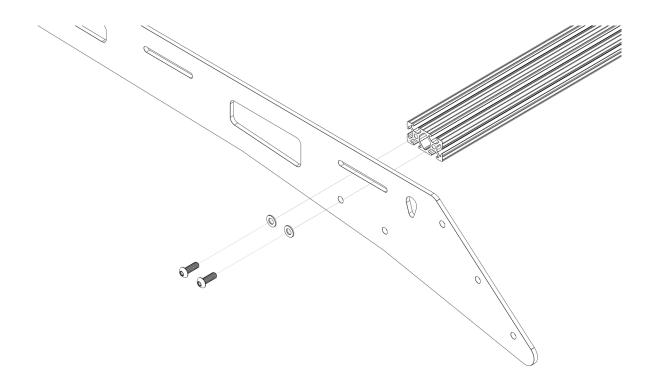
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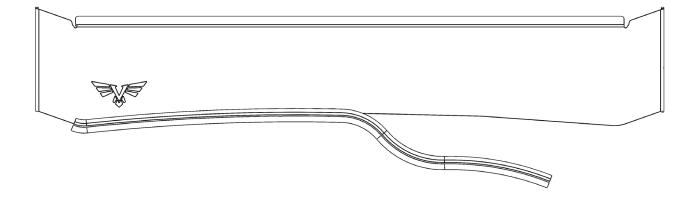
Assemble the rack on the ground. Start by mounting the accent plates to the side rails using the black 1/4"-20 nuts, black 1/4" washers and serrated flange nuts. The mounting holes are primarily the single holes located under the center of some cross bars. There will also be some unused mounting holes at the end of the installation that can be used to mount the accent plate. Use one bolt in the hole closest to the center of the crossbar above it.



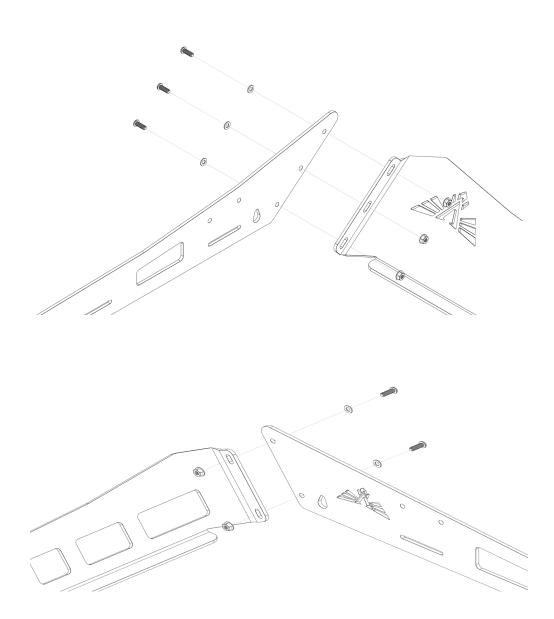
2 Next, mount the crossbars between the 2 side rails. For this, use the1/4"-20 X 3/4" button head bolts and the 1/4" ID washers (2 per bar per side). Make sure the machined slot in the rail of the crossbar is facing up, so that you can easily add t-nuts to mount your gear.



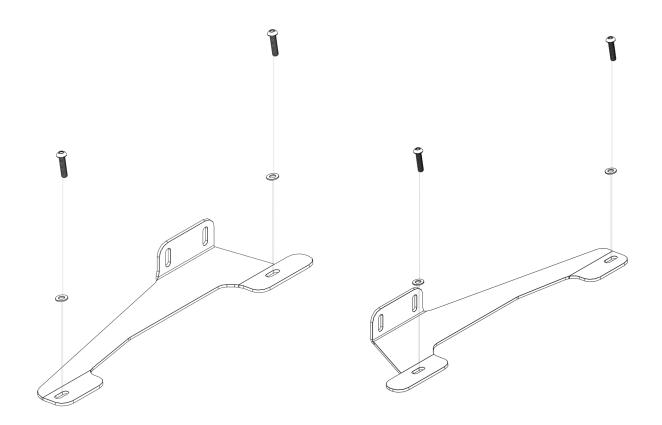
**3** Next, mount the strip of trim to the bottom edge of the front fairing. Start just to the outside of the peak of the bottom edge and continue until it reaches the equivalent point on the other side of the fairing. Cut off any extra. Then, cut the extra in half and mount the 2 pieces onto the bottom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



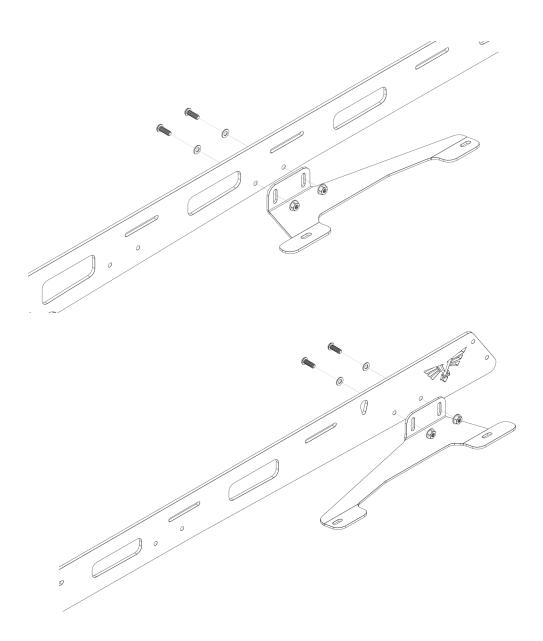
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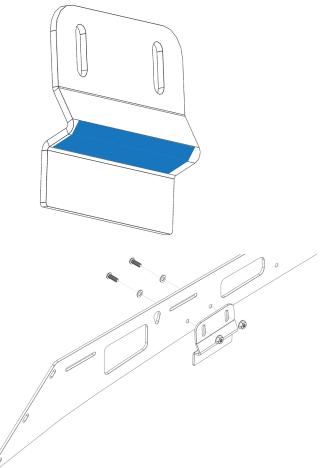
**5** Next, attach the mid and rear mounts to the roof of the vehicle. These mounts are just mirrors of each other, so it doesn't matter which go in the middle and which go in the rear as long as they are facing the correct way. Start by circling each hole in the roof with RTV. There will be 1 hole under each of the mid and rear mounts that doesn't get used. Make sure to cover those with RTV as well so that it creates a seal once the mounts are in place. Then, place the mount in position and cover the mounting holes on the mount with more RTV so that the bolts will have to pass through it when tightening the mount into position. Then, attach it to the roof using the M6 bolts and the M8 washers. Tighten to the point that the mount is secure but still able to slide around slightly. You will also want to fill the 2 remaining empty holes in you roof, so put RTV in and around each, and fill them with a M6 bolt and M8 washer.



6 Next, put the assembled rack onto your roof and attach it to the mid and rear mounts. Adjust the rack so there is an equal gap between the bottom edge of the rack and the vehicle all the way down the length of the roof and tighten them into place both on the side rail and the roof of the vehicle.



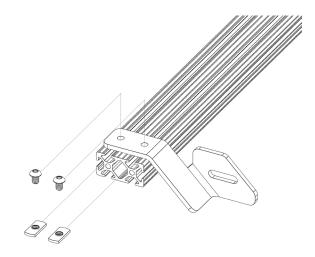
7 Next, apply the tape to the front mounts in the position shown in blue below and mount them onto the inside of the first set of mounting holes on the side rail. Once they are loosely in position, pull up slightly on the front of the rack and push the front mounts down tight to the roof of the vehicle. Then tighten in into position. This allows for the mid and rear mounts to help keep it tight to the roof of the vehicle and prevents movement.



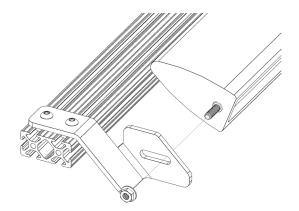
8 Finally, push the front and rear fairing down tight to the roof of the vehicle and tighten everything fully into place. We recommend applying clear 3M paint protection film to the roof of the vehicle anywhere the edge trim/ fairings make contact with the roof. This will protect the paint from dirt/ debris over time.

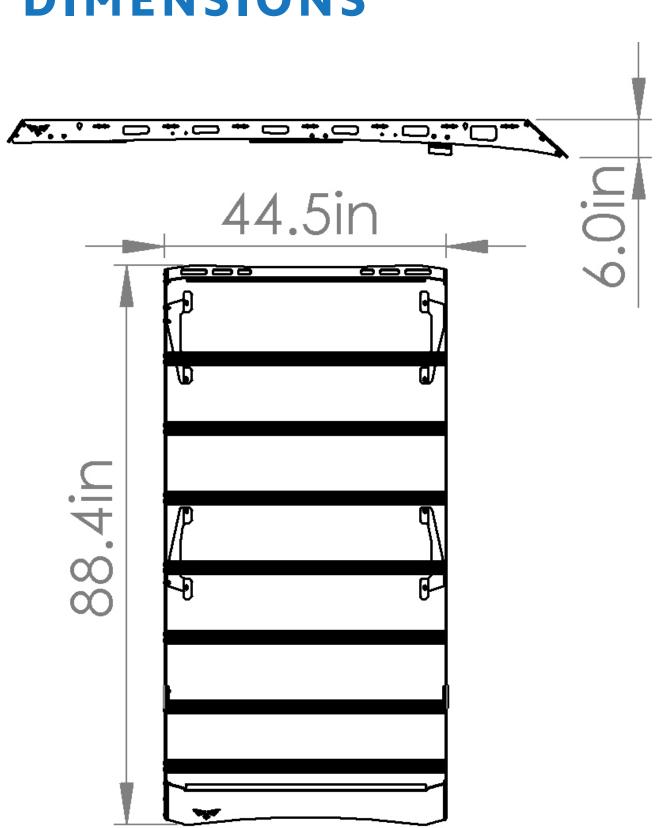
### 40" LIGHT BAR ASSEMBLY

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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