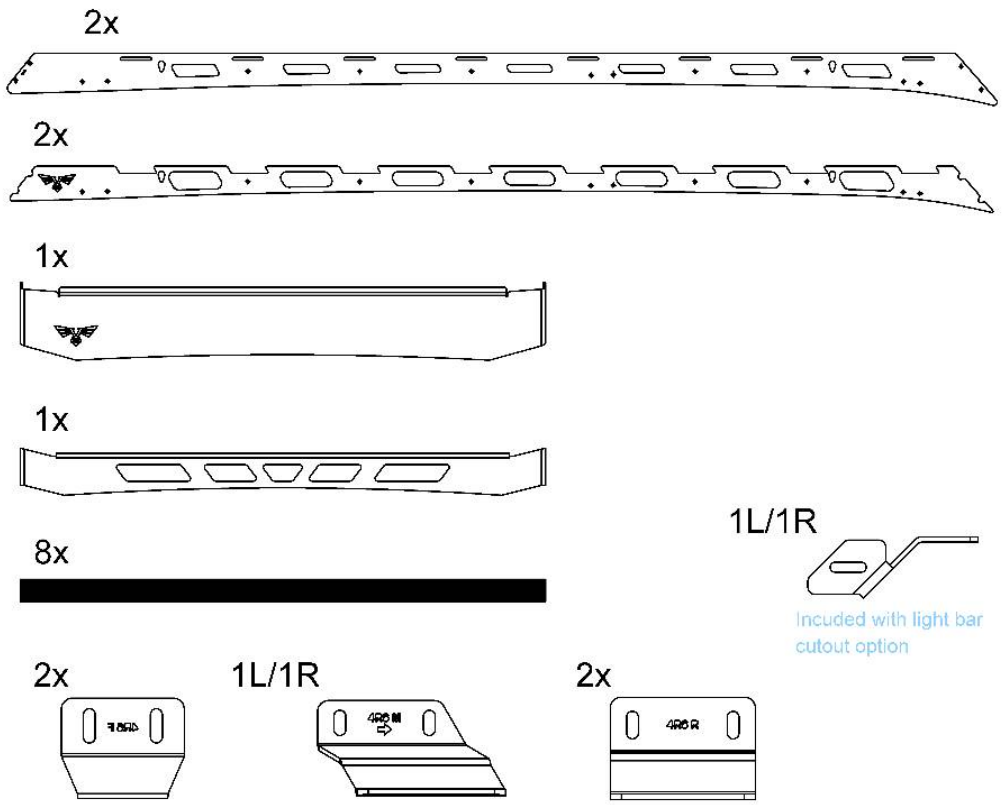
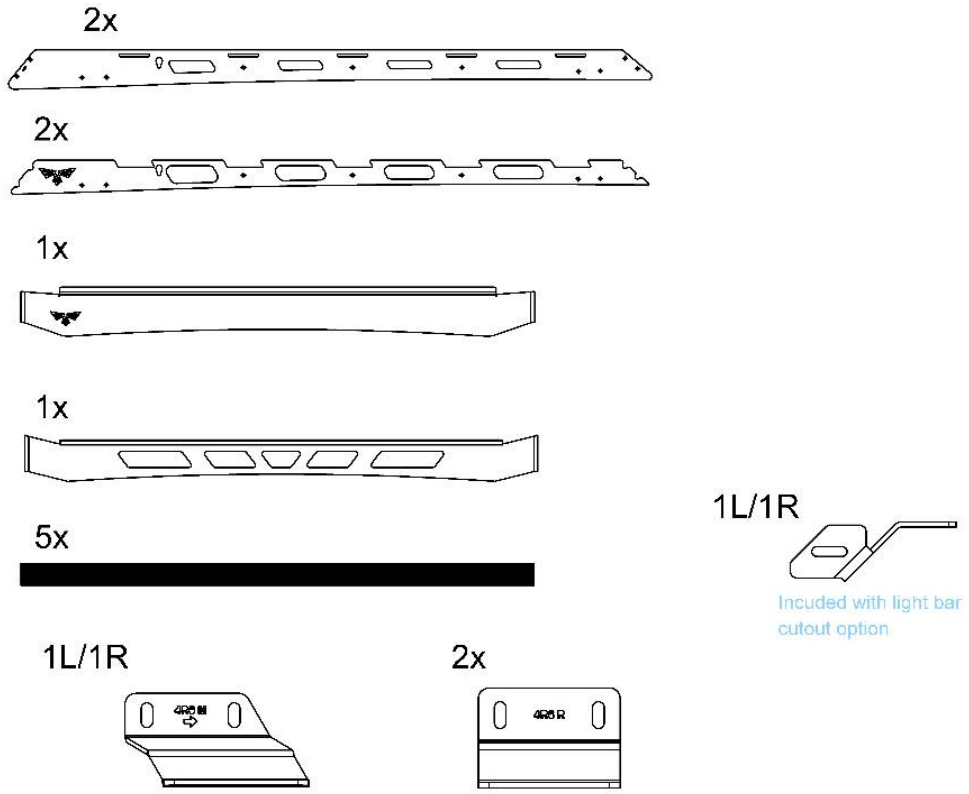
INST: V4RRK-6G-F

Step 1 Full Rack - Included Parts



Full Rack - Included Parts

Step 2 Short Rack - Included Parts



Short Rack - Included Parts

Step 3 Included Hardware for Short Rack & Full Rack

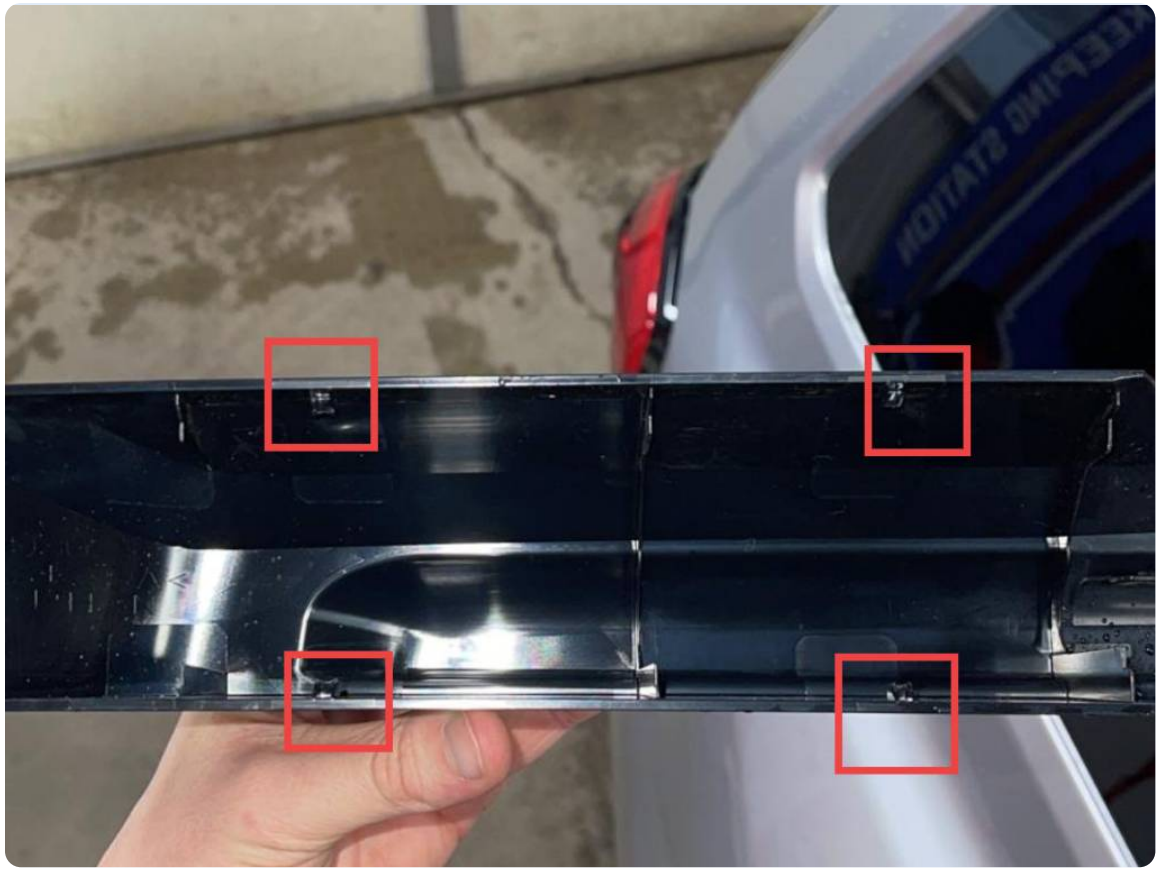
- (50x) Black 1/4"-20 x 3/4" Button Head Bolts
- (32x) Black 1/4"-20 x 1" Button Head Bolts
- (86x) Black 1/4" Washers
- (50x) 1/4"-20 Serr. Flange Nuts
- (12x) M8 25 mm Button Head Bolts
- (12x) M8 Washers
- (4x) Rubber Bumpers
- (4x) Black 1/4”-20 x 3/8” Button Head Bolts
- (4x) 1/4-20 T-Slot Nuts
- (12x) M6 25 mm Button Head Bolts

***This product uses a universal hardware pack. Some of the included hardware will not be used during this installation.

Step 4 Please Note:

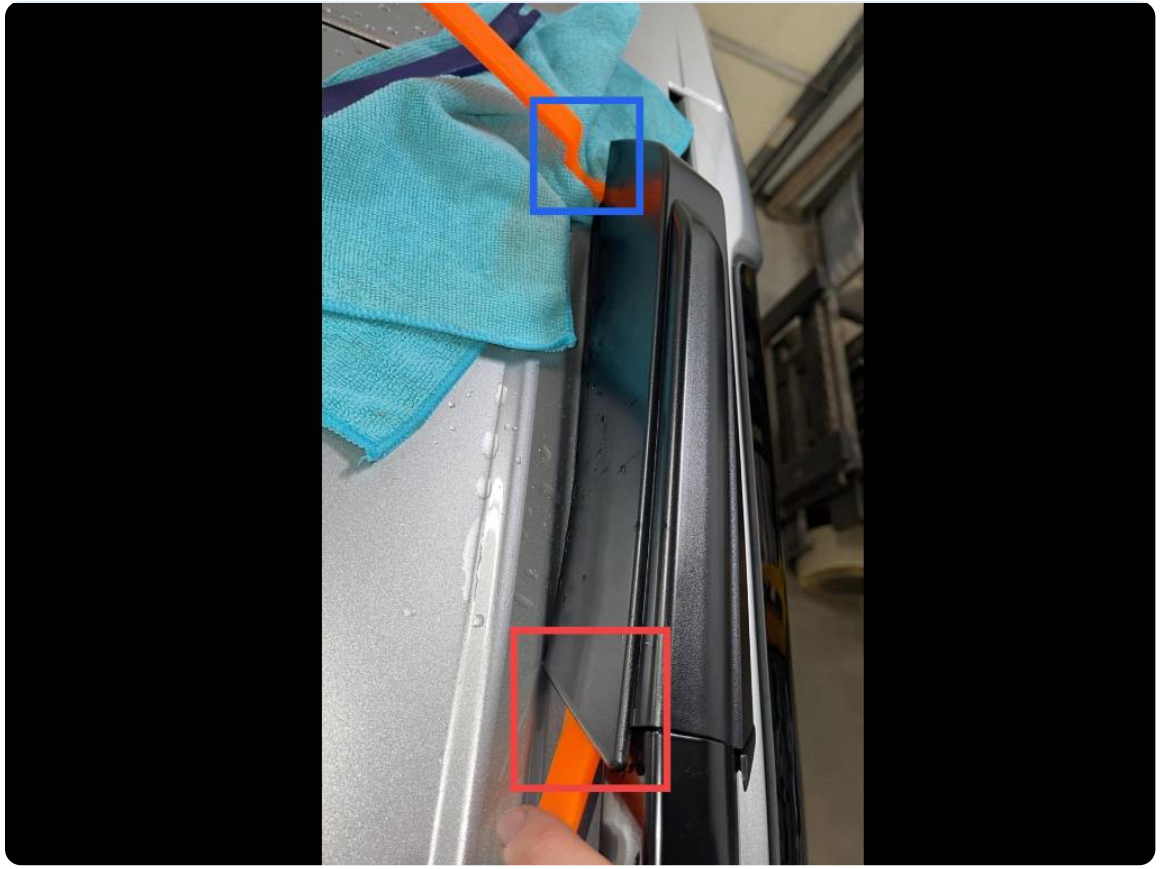
This document shows the process for installing the full rack. The steps are the same for installing the short rack with the exception of not needing the information about the front mounts or cutting the trim. The unneeded steps will be marked with red text.

Step 5



Begin by removing the plastic end caps from the factory rack. Four retaining clips secure each cap, as shown in red. Continue to the next step for removal instructions.

Step 6



Insert a trim removal tool at the location outlined in red. Pry toward the center of the vehicle until the retaining clip releases with a pop.

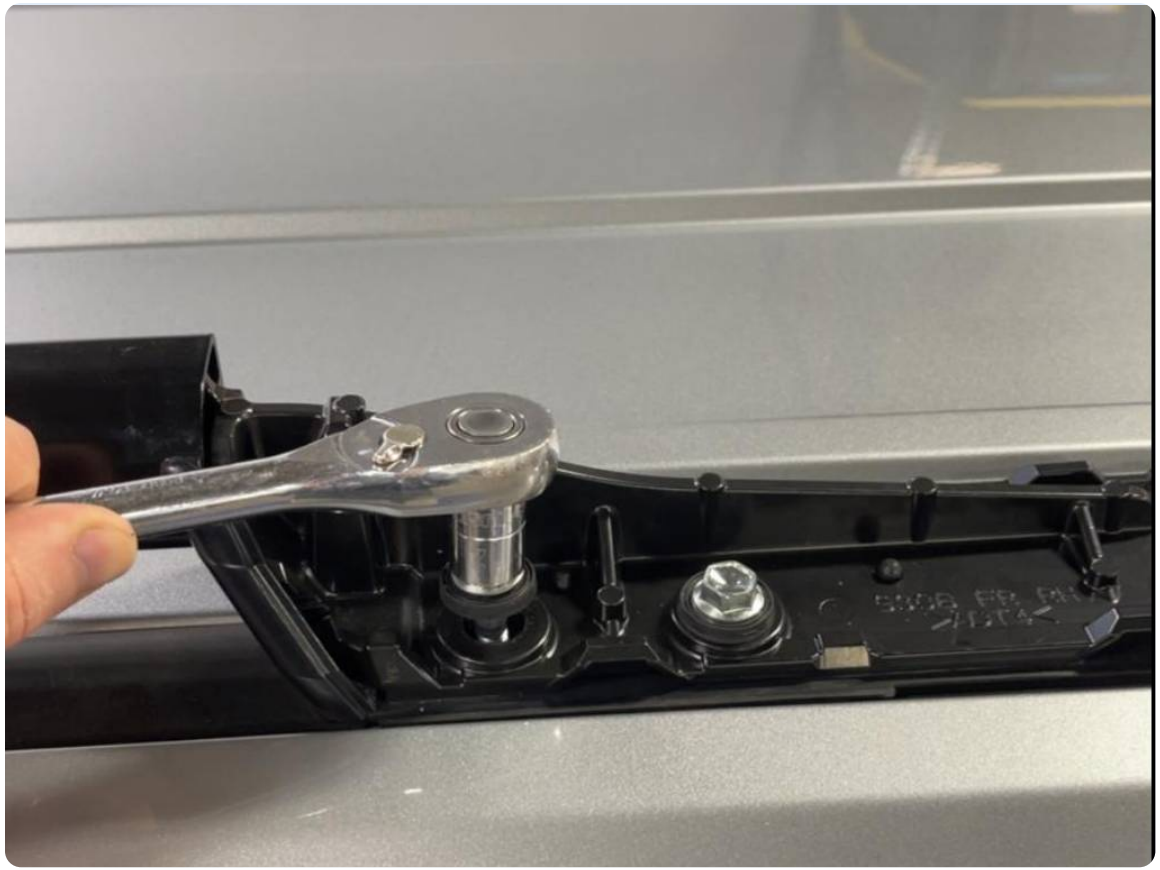
Leave the first tool in place to keep the clip from reengaging. Insert a second trim tool under the lower edge at the location outlined in blue, then pry outward until the second clip releases.

Step 7



Gently pull the cap away from the center of the vehicle to release the two remaining clips. Then pull the cap outward to disengage the plastic tabs located in the area boxed in red.

Step 8



With the mounting hardware exposed, use a 12 mm socket to remove all bolts securing the factory rack rails. Once the bolts are removed, lift the rails off the vehicle.

Step 9



For the Full Length Rack, remove the forwardmost section of rubber trim from the roof gutter. Pry upward at the front end to release it from the small metal retaining clip. The clip mechanism is shown in the next step.

Skip this step when installing the Short Rack.

Step 10



This image shows the clipping mechanism of the rubber trim.

Step 11

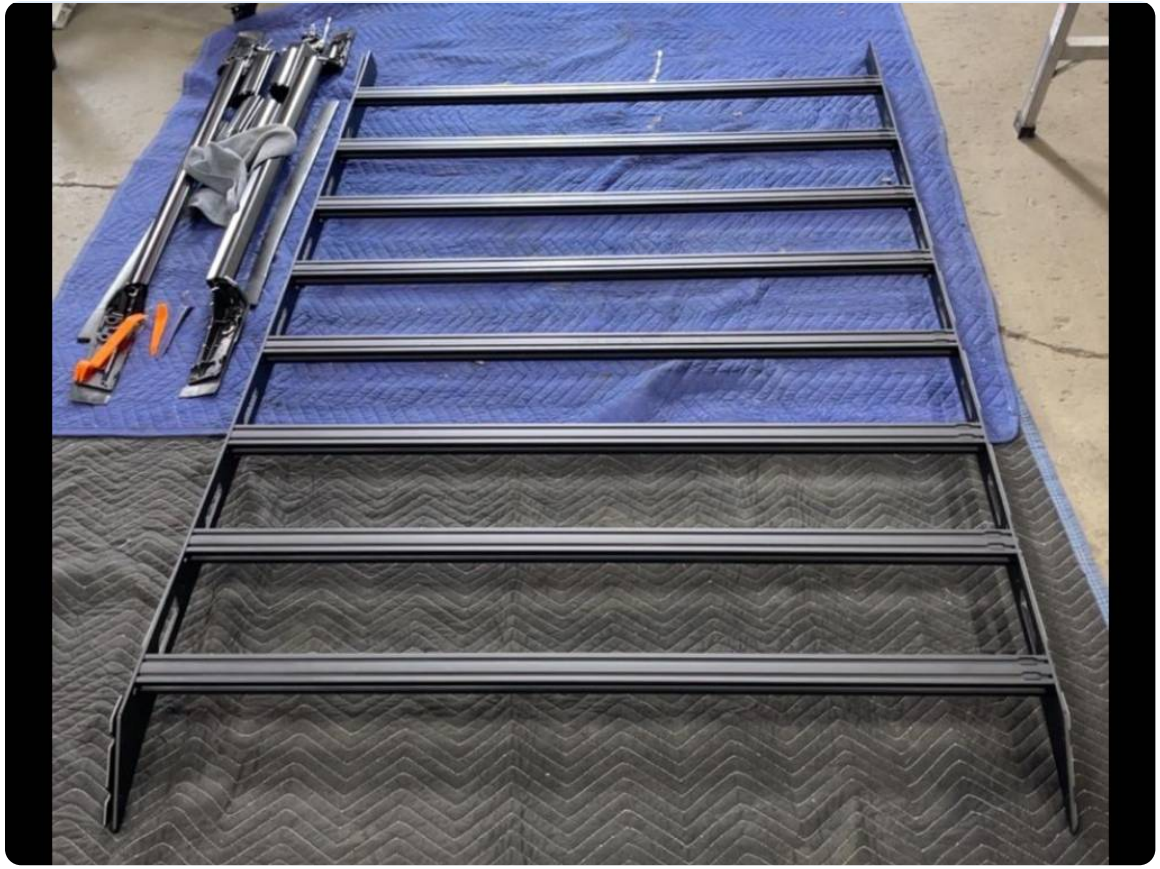


For the Rack Assembly:
Lay both black side rails parallel on a protected work surface, place the accent plates on top of the black side rails as shown.

Attach each accent plate using the black 1/4”-20 x 3/4” button head bolts, 1/4”-20 serrated flange nuts, and black 1/4” washers. Install the hardware through the five mounting holes circled in red on each side rail.

Leave the hardware slightly loose for now so the rails can be adjusted during the remaining rack assembly.

Step 12



Install the crossbars between the two side rails using the black 1/4″-20 button head bolts and black 1/4″ washers.

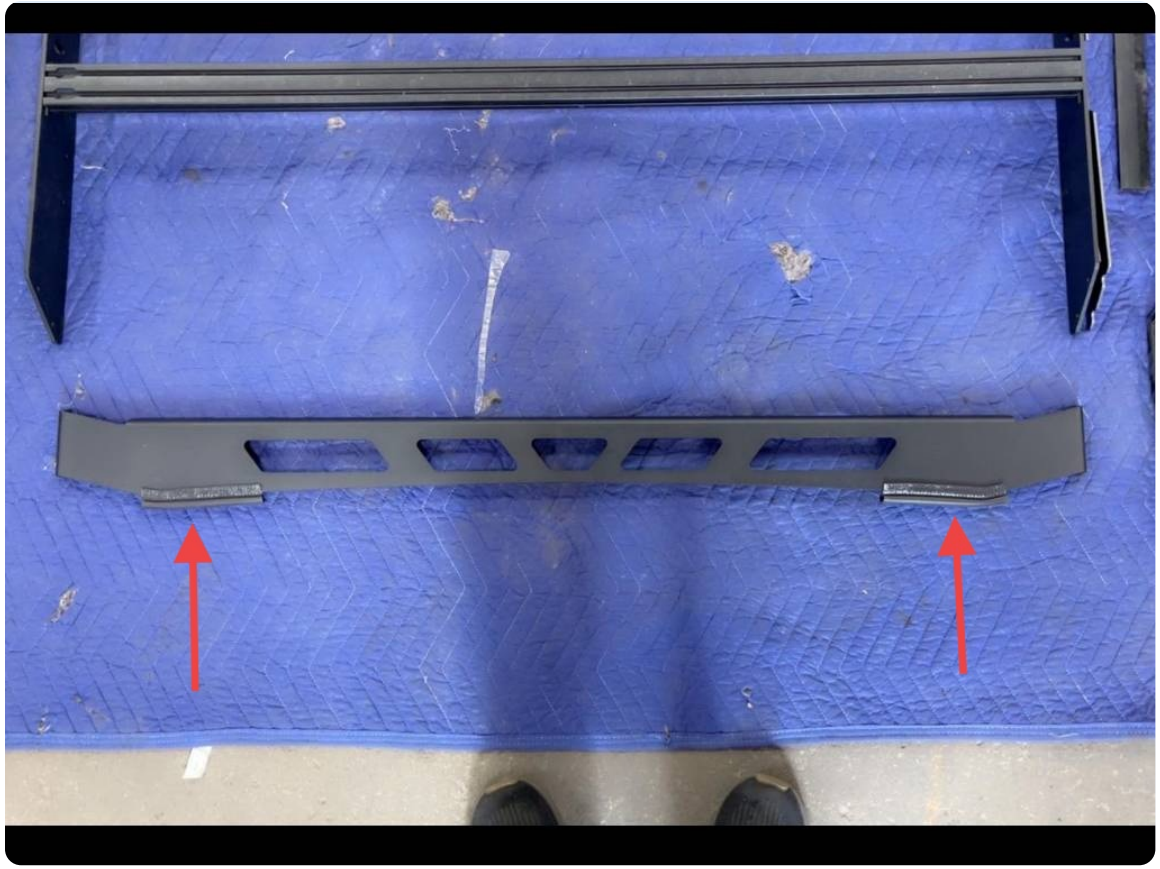
Position each crossbar with the milled slots facing upward. Keep all of the milled slots oriented toward the same side of the rack for a consistent layout.

Step 13



Install the trim strip along the bottom edge of the front fairing. Begin just outside the center peak, then press the trim firmly onto the edge as you work across the fairing to the matching point on the opposite side. Once the trim is fully seated, cut the remaining trim and save for the next step.

Step 14



Cut the remaining trim into two pieces. Install one piece on each lower side of the rear fairing, to prevent contact with the vehicle’s roof.

Step 15



Install the front fairing using the black 1/4″-20 x 3/4″ button head bolts, black 1/4″ washers, and 1/4″-20 serrated flange nuts. Use three of each on both sides.

Install the rear fairing using the same hardware. Use two of each on both sides.

Before tightening, slide each fairing upward as far as the mounting slots allow to prevent contact with the vehicle’s roof. Then tighten all hardware.

Step 16



For the Full Length Rack, p ress the rubber bumpers into the holes on the bottom of each front mount. Start by working one edge of the bumper through the hole, then push and twist until it is fully seated.

Skip this step when installing the short rack.

INST: V4RRK-6G-F

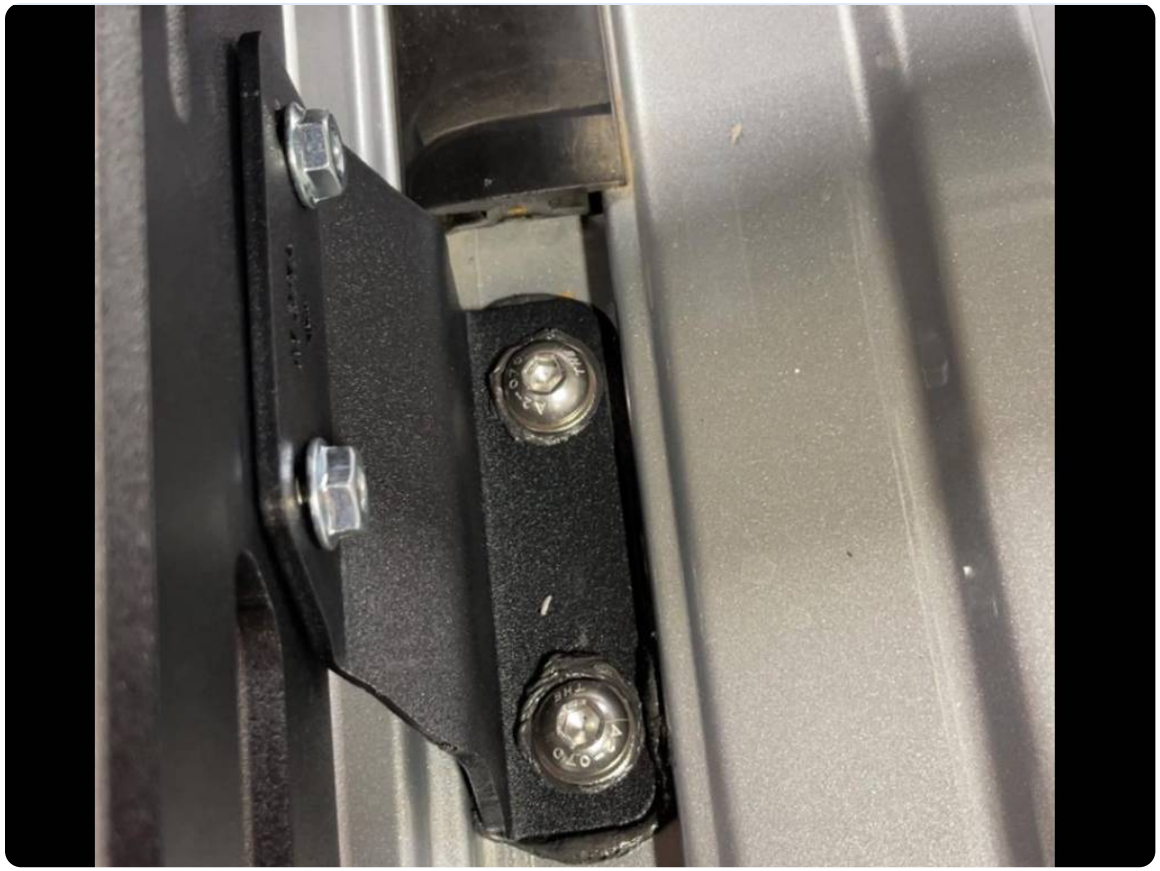
Step 17



For the Full Length Rack, attach the front mounts to the rack using the supplied black 1/4″-20 x 3/4″ button head bolts, black 1/4″ washers and 1/4″-20 serrated flange nuts. Slide each mount fully downward in the mounting slots, then tighten the hardware.

Skip this step when installing the Short Rack.

Step 18



Before installing the mid and rear mounts, apply a continuous bead of RTV around each mounting hole in the roof. Then place each mount into position.

Add a small amount of RTV directly over each hole before loosely installing the supplied M8 25 mm bolts and washers. Do not fully tighten the hardware yet.

Step 19



Place clean rags or protective cloths on the roof before lowering the assembled rack into position to help prevent scratches.

Loosely attach the rack to each mount using the supplied black 1/4″-20 x 3/4″ button head bolts, black 1/4″ washers and 1/4″-20 serrated flange nut. Once the rack is supported by all mounts, fully tighten the mid and rear mounts to the roof before the RTV begins to cure. Leave the rack hardware loose for now.

Step 20

Adjust the rack until the gap between its lower edge and the roof is even and satisfactory. Once positioned, tighten the rear and mid mounts to the rack.

At the front, lift upward on the rack while pressing the front mounts firmly against the roof, then tighten the front mount hardware. This keeps the mounts seated securely and helps prevent movement.

Step 21

Steps 22-25 are optional:

Apply clear paint protection film anywhere the fairing edge trim contacts the roof. This helps protect the paint from dirt and debris trapped beneath the trim.

If the front fairing does not sit firmly against the roof, adjust the rack height at the mid or rear mounts. The rack may also need to be tilted slightly forward until the front fairing makes full contact.

Step 22



To apply the paint protection film, begin by pushing the front fairing tight to the roof and apply tape 1/8" - 1/4" from the edge, anywhere it contacts the roof.

Step 23



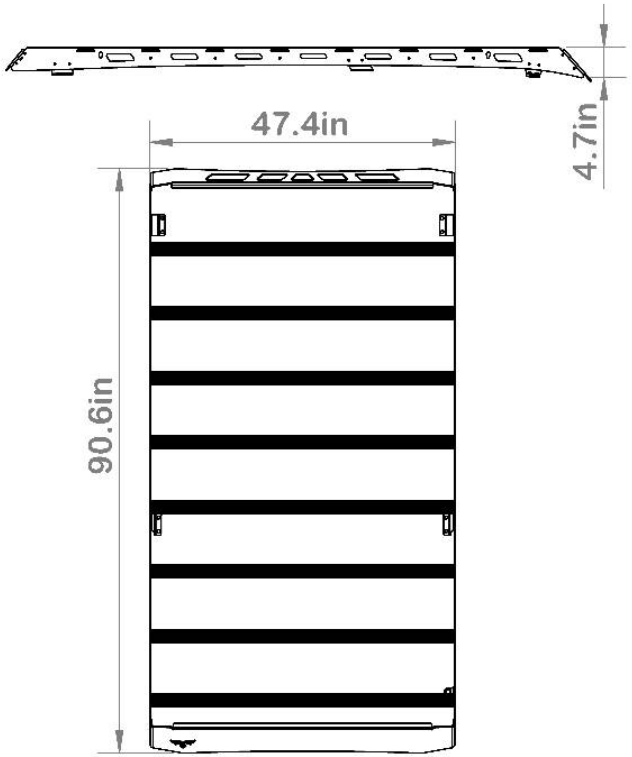
Remove the bottom bolt and flip the fairing up and out of the way. Then, apply paint protection film edge to edge with the tape line previously laid out.

Step 24



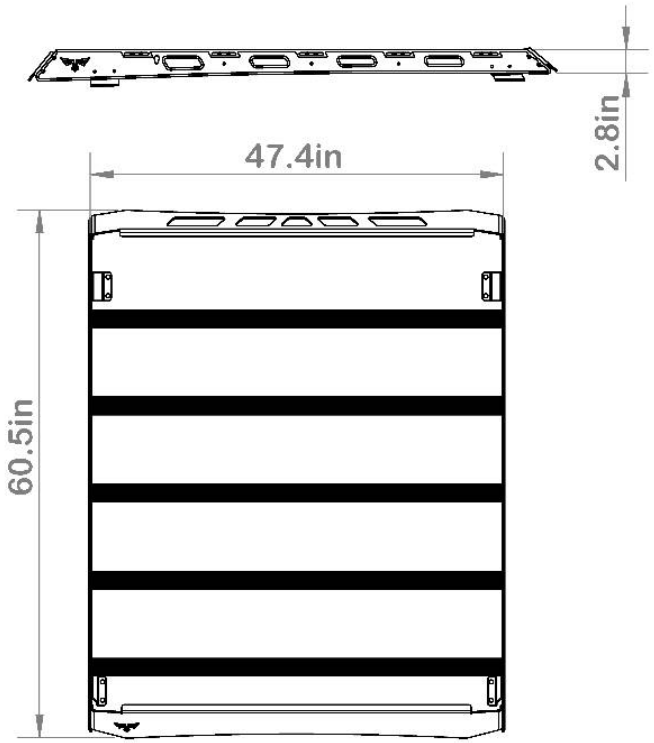
Push the front fairing firmly against the roof, then tighten it into place. Repeat this process for the rear fairing.

Step 25



Dimensions (Full Rack)

Step 26



Dimensions (Short Rack)

Step 27

Thank you for supporting American-made. We hope you enjoy your new product!

If you have any questions or concerns
please reach out to us.

info@jcroffroad.com
info@victory4x4.com
info@squatch-proof.com
info@fatamericanmfg.com

269-353-1184