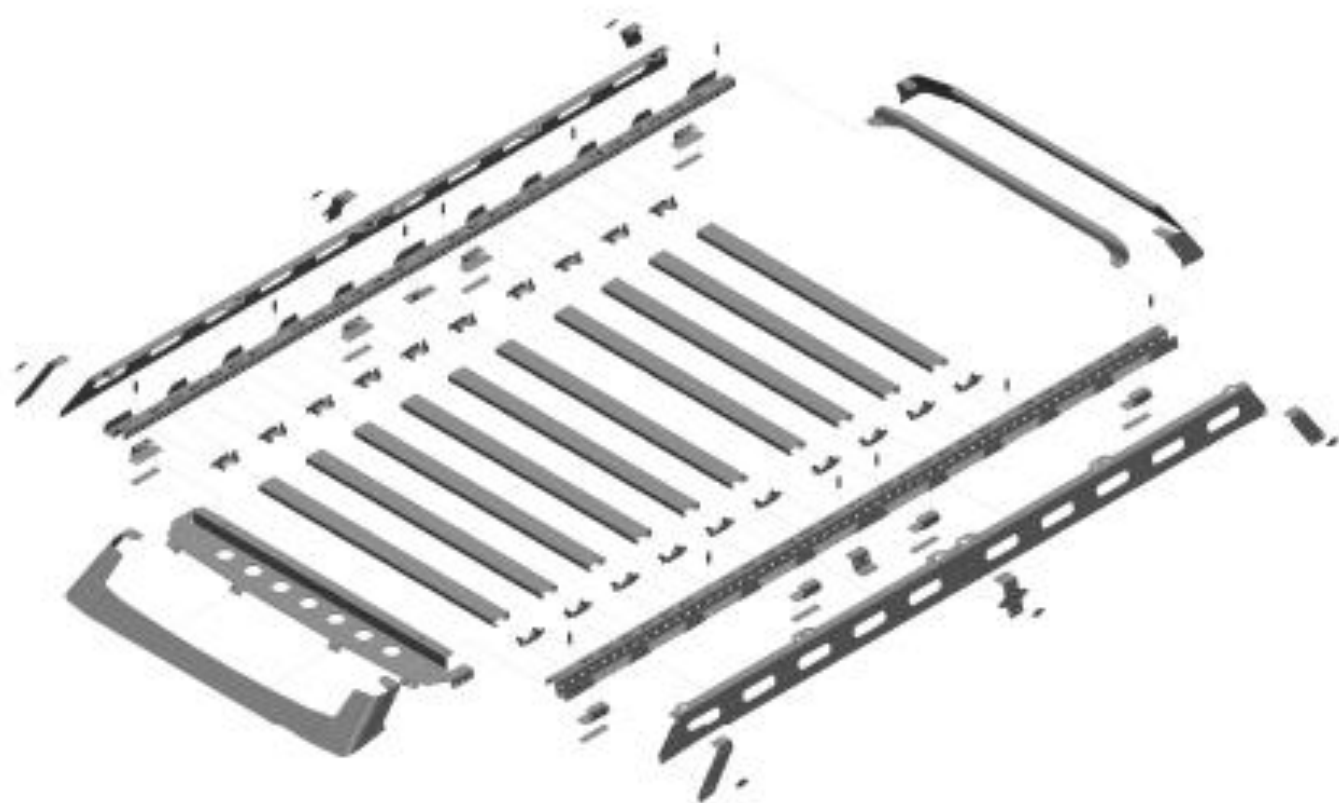


# INSTALLATION GUIDE

Mule Ultra Roof Rack     SPRINTER



Expanded Reference View



## Rack Assembly

Shown in Fig 1A is a reference point for where the internal frames should be placed in preparation for being put together.

Pictured is the passenger side of roof rack. The ends that are pointed at in Fig 1A will be attached together at a later point but indicates that you have the correct ones in the right position.

**\*NOTE\*** - EVERY STEP OF THE ROOF RACK ASSEMBLY PORTION SHOULD BE LOOSELY SECURED WITH PROVIDED BOLTS AND NUTS UNTIL THE VERY END. THIS MAKES SURE EVERY PIECE FITS INTO PLACE BEFORE EVERYTHING GETS TIGHTENED DOWN.

FIG 1A

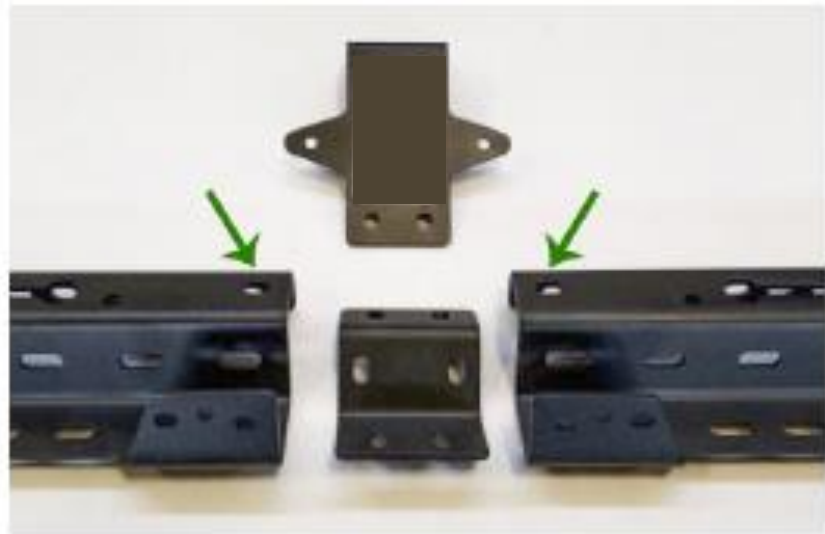


FIG 1B

We'll first start with the passenger side fascia and connect it with the front fascia piece.

\*You'll know its the correct side fascia as the angles will align properly



FIG 2A

Grab the bridge piece with the "Mule" logo on it and secure with provided bolts and locking nuts

\*There are a total of 4 bolts and 4 locking nuts used to secure everything in place. See Fig 3A on next page.



FIG 2B



FIG 3A



FIG 3B

Insert two additional bolts on the top of the bridge piece as shown in Fig 3B and loosely secure with provided locking nut.

\*Do this same procedure for the driver's side of the rack





FIG 4A

Next, attach the internal front fascia piece with the driver's side fascia frame with provided bolts and nuts. Tighten the locking nut from underneath.

See Fig 4A & 4B

Repeat this step for the passenger side



FIG 4B



FIG 5A

Next, grab the spacers from your kit (shown in Fig 5A). These will be placed between the front fascia and the front fascia internal mount to help 'curve' the fascia to match the roof body curvature.



FIG 5B

Make sure to align with the tabs on the internal front fascia piece and secure with provided locking nut on the underside.



FIG 6A

Next, you'll notice on the inside of the side rails are single hole tabs. You'll align these with the outer side fascia and secure with bolts and locking nuts.

See Fig 6A & 6B



FIG 6B

Repeat this step on the other side of roof rack





FIG 7A

Making our way to the center portion of the roof rack, we'll use the small connecting brackets (Fig 7A) to attach the next internal side fascia pieces into position.



FIG 7B

Use provided bolts and nuts to secure the connecting piece with the two internal side fascia pieces.



FIG 8A

Once completed, you will need to repeat these steps on the driver's side



FIG 8B

Next, place the center logo plates over the two side fascias.

Secure the top and bottom with provided bolts and locking nuts.



FIG 9A

You'll also use the smaller provided bolts and locking nuts to secure the side faceplate tabs to side fascia.



FIG 9B

Repeat these steps for the driver's side of roof rack



FIG 10A

Working toward the rear of the roof rack, place the rear fascia into position with the small rear internal fascia piece.

Secure the top 4 holes with provided bolts and locking nuts.



FIG 10B



FIG 11A



FIG 11A

Following the same procedure steps from Fig 2A, attach the bridge connecting piece with the rear and side fascia for the driver's side.





FIG 12A

Next, grab the pieces provided in kit (Fig 12A).

These will be installed in each top tab along both side fascias.

Drop the bolt through the hole and position the cylindrical piece in between the tab and bottom internal frame. (See Fig 12B)



FIG 12B





FIG 13A

Tighten down with locking nut from underneath the frame.



FIG 14A

\*\*Shown are non powder coated load bars for visual clarity

For this step, we recommend flipping the roof rack on its back with the help of a friend.

With each load bar, attach the end caps as shown in Fig (14A) with provided bolts and nuts. There is one bolt and nut for each side.

Do this for all of your load bars.

\*Make sure to keep fairly loose so they slide into position on the next step.



FIG 14B

Once you have your end caps attached to your load bars, place each one into position onto the rack by sliding them down onto the edge of the rails. See Fig (15A) on next page for a closer look.

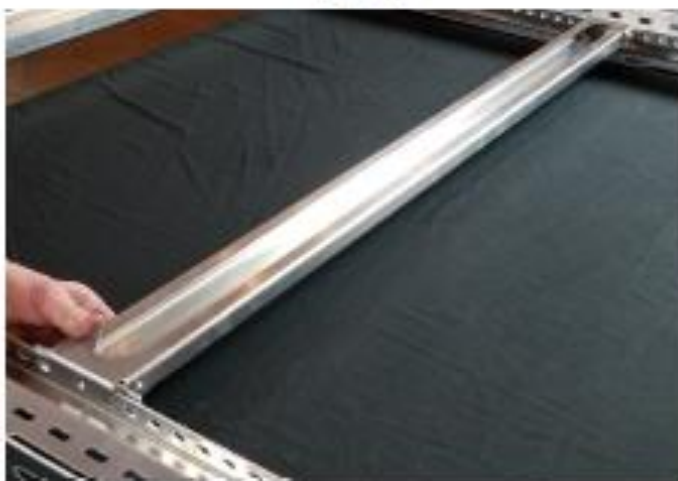


FIG 15A

Once your happy with the load bars spaced evenly across the length of the roof rack, go ahead and secure each load bar with two bolts and two nuts.

See Fig (15A) and (15B)

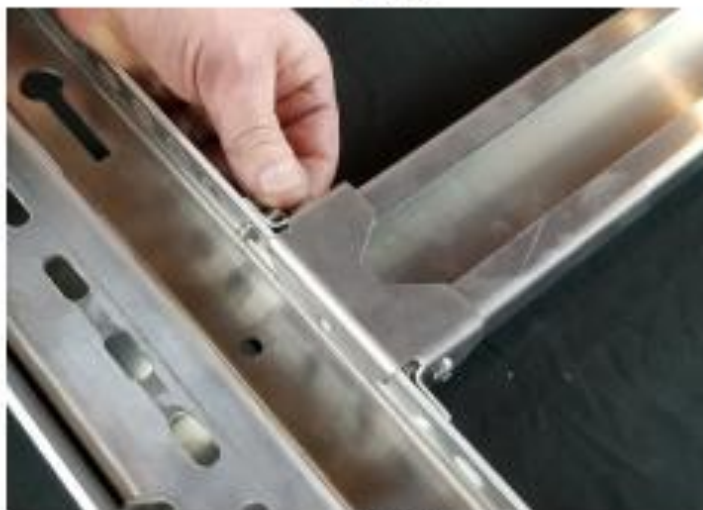
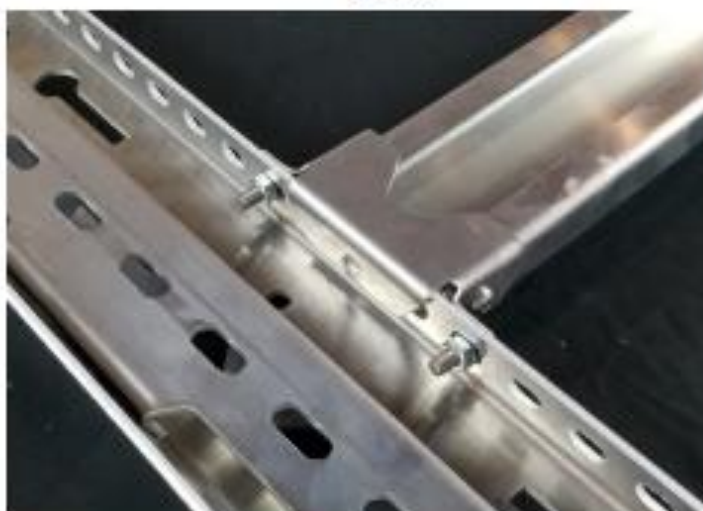


FIG 15B

Once all of your load bars are loosely hand tightened, you can now tighten down all bolts and nuts for the load bars and for the entire rack.

At this point, feel free to flip the rack over as needed to check and tighten all bolts.

Once everything is secured, you're ready to mount the rack!



### Mounting Feet Installation

On the roof rack you'll need to slide the smaller bottom aluminum bracket along with the bolt facing upwards and then tightened down with the larger bracket above the railing system with provided washers and lock nuts. (Fig 16A & 16B)

Do this for all mounting brackets and spaced evenly across the entire length of the roof.



FIG 16B

At this point you can also place the clip nuts onto the top two holes of the mounting brackets with the protruding end facing downwards. You will be securing rack into the clip nuts shown in Fig 17B.



FIG 16C

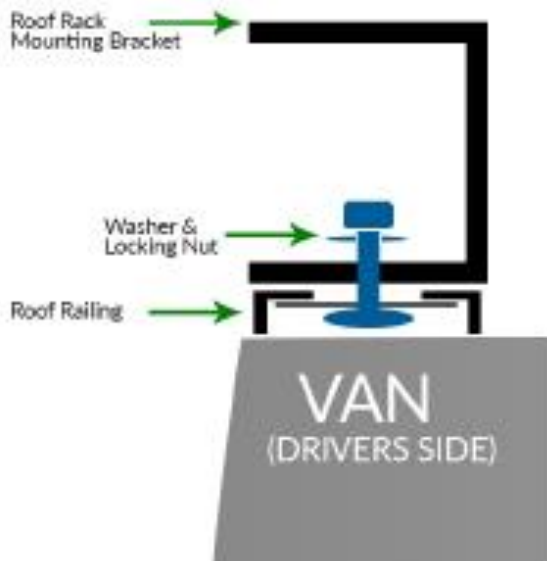




FIG 17A

Once all mounting brackets are secured to the railing, you can now place the roof rack onto the mounting brackets. With a friend, adjust the rack as needed so that it's flush around the vehicle and aligned with the mounting brackets.



FIG 17B

Once you're happy with the final positioning, secure the rack with 2 bolts per bracket as shown in Fig 15A.

Do this for the rest of the mounting feet around the roof rack and tighten into place.

At this stage, double check for any loose bolts on the roof rack that may have been missed and your roof rack is now ready for your next adventure!

