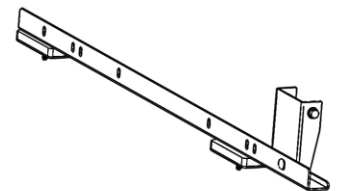
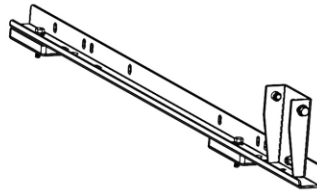


Holman

Instruction Guide 409TD



Available at Contractor's Solutions: www.Contractors-Solutions.net

Holman

Rancho Cordova, CA 95742

800-343-7486

InstallationSupport@Holman.com

PLEASE READ ALL INSTRUCTIONS AND WARNINGS PRIOR TO ASSEMBLING, INSTALLING, AND USING THIS PRODUCT.

Warning



Always check for wires, fuel tanks and lines, brake lines and other important vehicle functionality items prior to drilling and installing all products.



DO NOT EXCEED MANUFACTURERS WEIGHT CAPACITY FOR ROOF.

Tools Needed

13mm Wrench and Socket	1/2" Wrench and Socket
5mm Allen Hex	9/16" Wrench and Socket

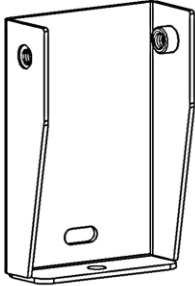
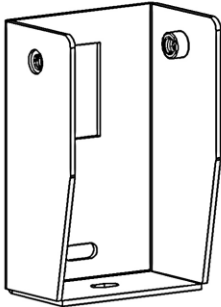


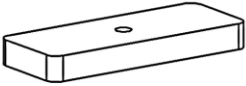
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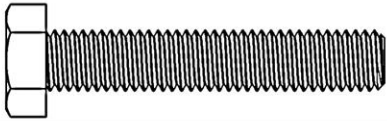
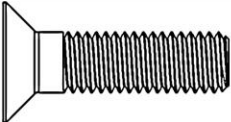
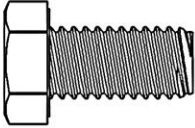
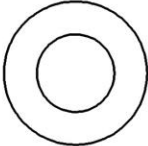

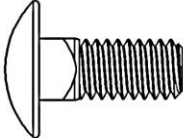
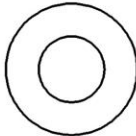
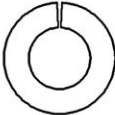

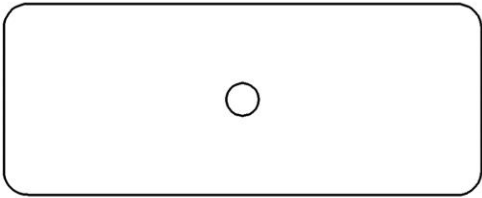
Before You Begin

- Read ALL instructions prior to installing any Holman product.
- These instructions are for the mounting assembly of a ladder rack.
- Feet mount locations will vary based on size of van and rack type.
- **When installing on Ford Transit, be sure to**
 - **put sealant around exposed threads in roof**
 - **seal between the roof and the rubber pad**
 - **apply sealant onto the threads of the bolt going into roof**

Parts List

ITEM NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1		13-03105	TALL FOOT ASSEMBLY	2
2		4090T-10-R2	LARGE FOOT	2
3		4A901-10-001	FRONT RAIL	2
4		4A9ST-00-001	LR DD BRACKET	2
5		T249-01	T-249 PLATE	4
6		18-409TD-R2	HARDWARE KIT	1

Hardware

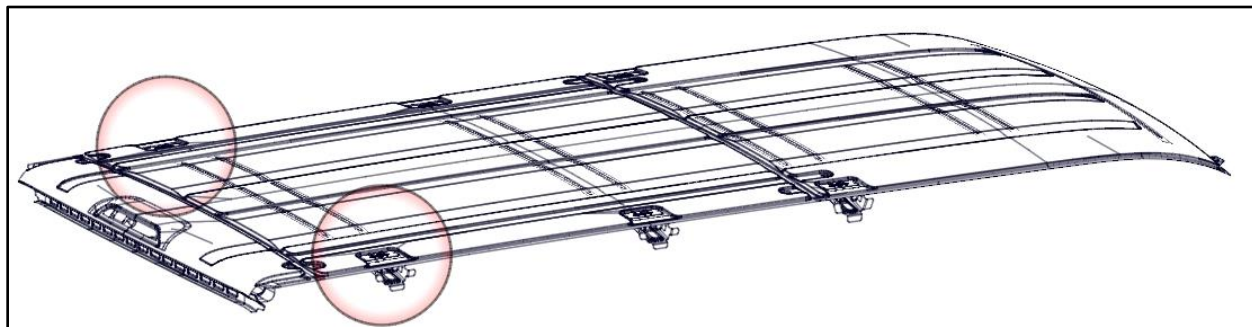
ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1			M8 X 1.25 X 45MM HEX HEAD, FULLY THREADED	4
2			M8x1.25 x 30mm Flat Head Cap Screw	2
3		11241196	3/8\"-16 X 3/4\" HEX HEAD BOLT	8
4		11541089	3/8\" WASHER	8
5		0123496	3/8\" SPLIT LOCK WASHER	8
6		21810	5/16\"-18 X 3/4\" CARRIAGE BOLT	4
7		33080	5/16\" WASHER	8
8		1171067	5/16\" LOCKING WASHER	4
9		0169777	5/16\"-18 LOCK NUT	4
10			EPDM RUBBER 3MM	8
11		BH-821	SEALANT	1

FORD TRANSIT (EXCLUDING HIGH ROOF EXT)

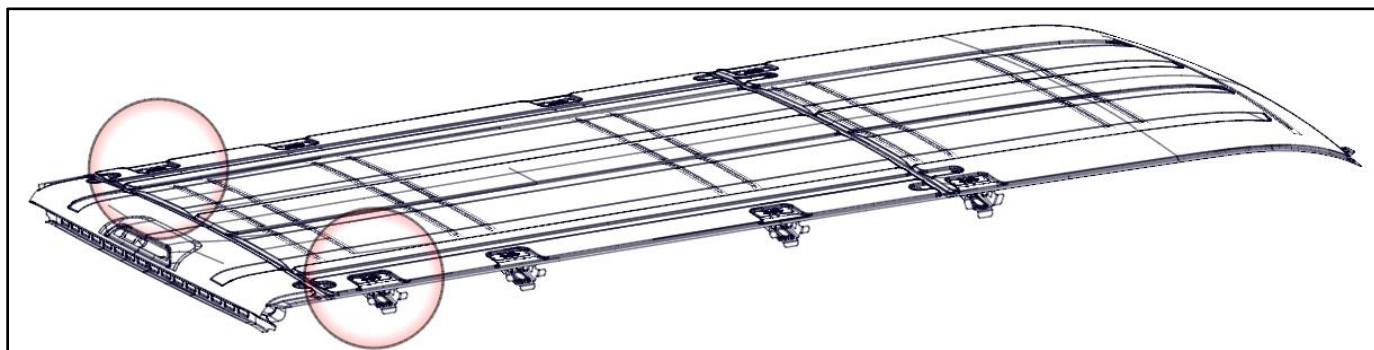
Step 1 - Rear Foot Mounting

- Locate threaded emboss at rear of van. Plugs will need to be removed.

130" Wheel Base



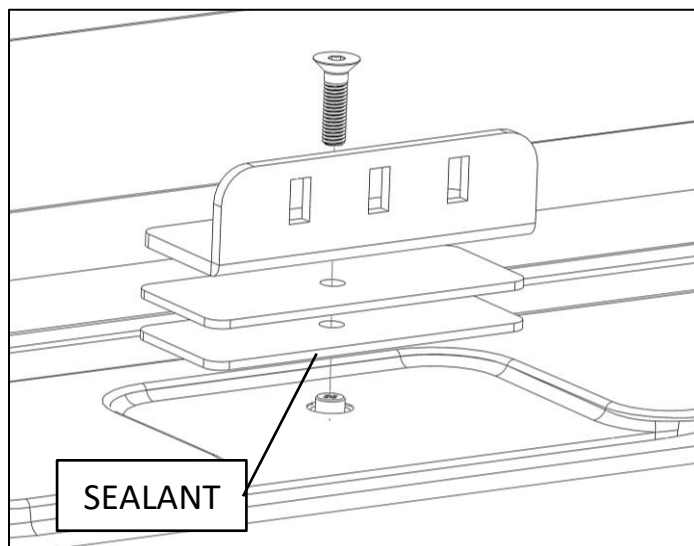
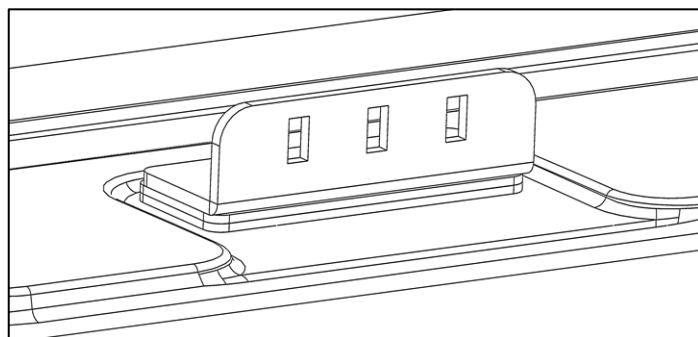
148" Wheel Base



- Place rubber pad between the bracket and the roof of the van.
- Install the rear mount bracket using M8 x 30mm flat head bolts.
- **Apply sealant around the threads to ensure no water can leak into the cabin of the van.**
- **Be sure the bracket is parallel with the length of the van and the flange on the bracket is towards the outside of the van, as shown.**

NOTE: Passenger side shown.

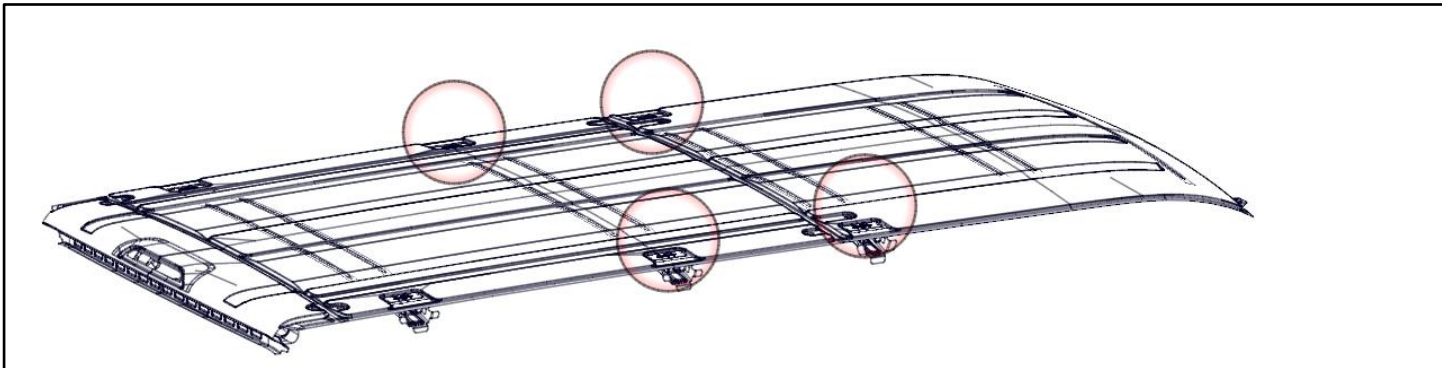
- Repeat on driver side.
- Tighten.



130" WB (LOW/MID ROOF)

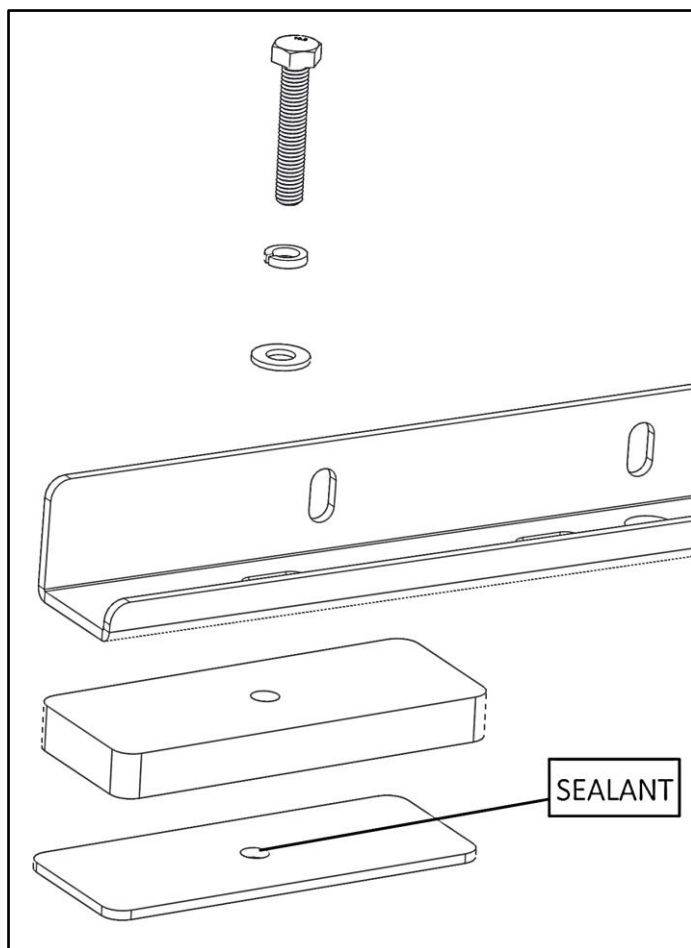
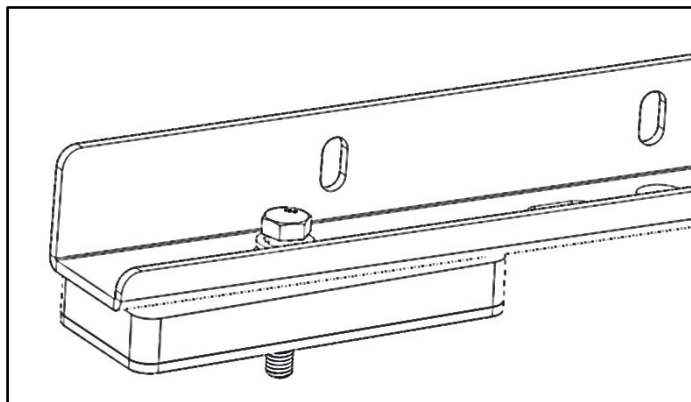
Step 2A – Front Mount on 130" WB (Low/Mid Roof)

- Locate the other threaded emboss at the front of van. Plugs will need to be removed.



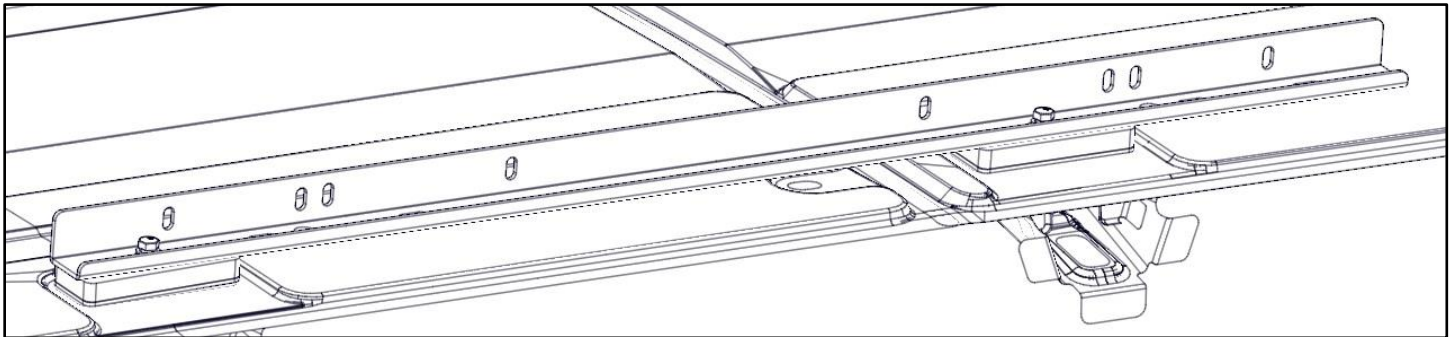
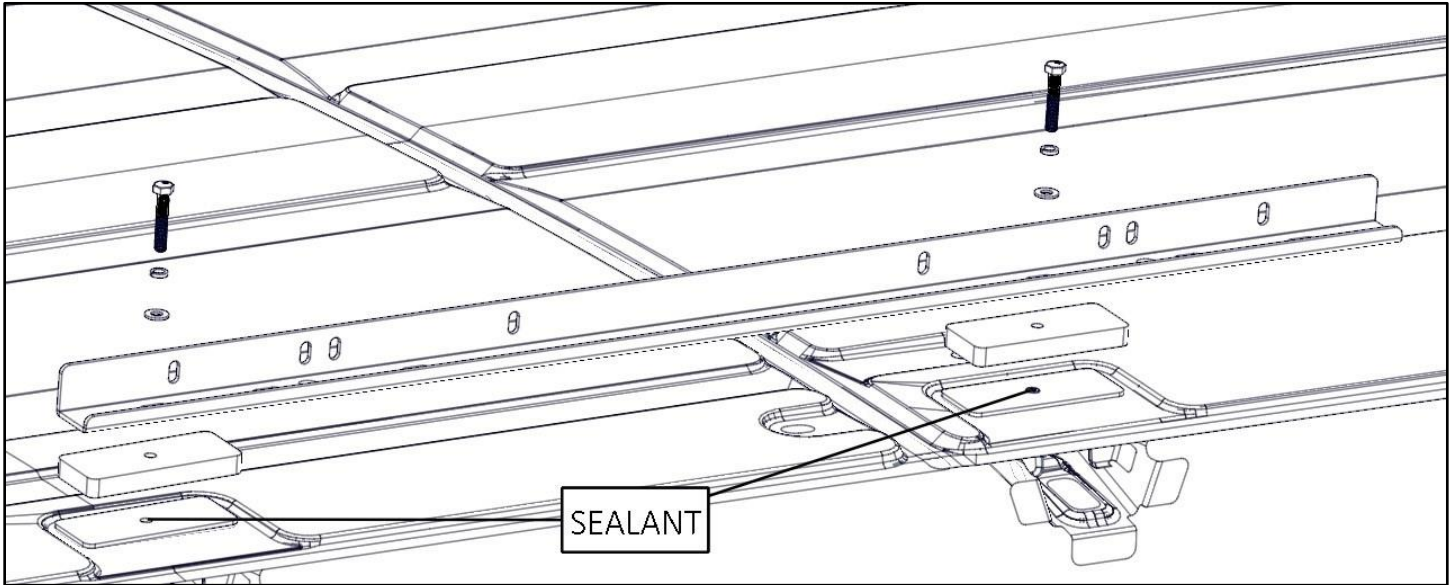
- Place the long mount rail with the tall flange to the center of the van.
- Using one M8 x 45mm bolt, one 5/16" lock washer, one 5/16" flat washer, one T-249 plate, and one EPDM pad, bolt through the farthest rear slot into the van emboss.
- **Apply sealant around the threads to ensure no water can leak into the cabin of the van.**
- Repeat for the corresponding front slot in the rail.

NOTE: The rail should be offset to the front of the van. The picture shown here is the rear most mount on the rail.



NOTE: Passenger side shown below.

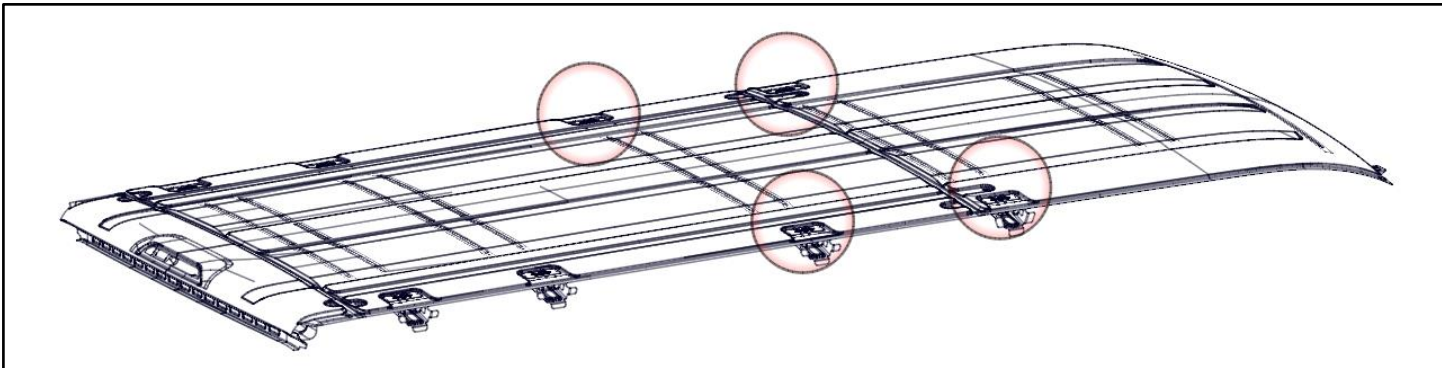
- Repeat on driver's side.
- Snug tighten.



148" WB (LOW/MID/HIGH ROOF EXCLUDING EXT)

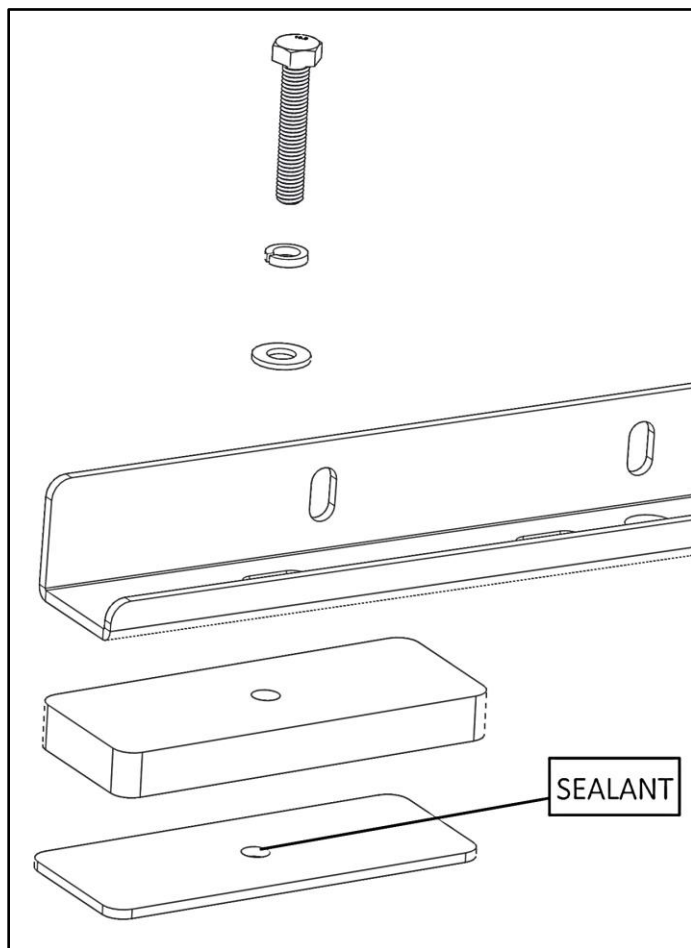
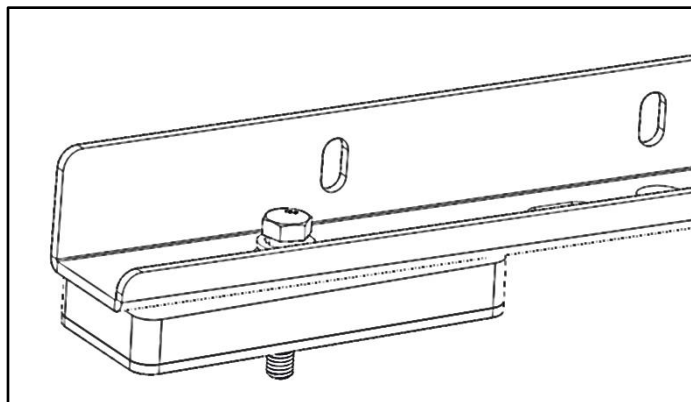
Step 2B – Front Mount on 148" WB (Low/Mid/High Roof excluding EXT)

- Locate the other threaded emboss at front of van. Plugs will need to be removed.



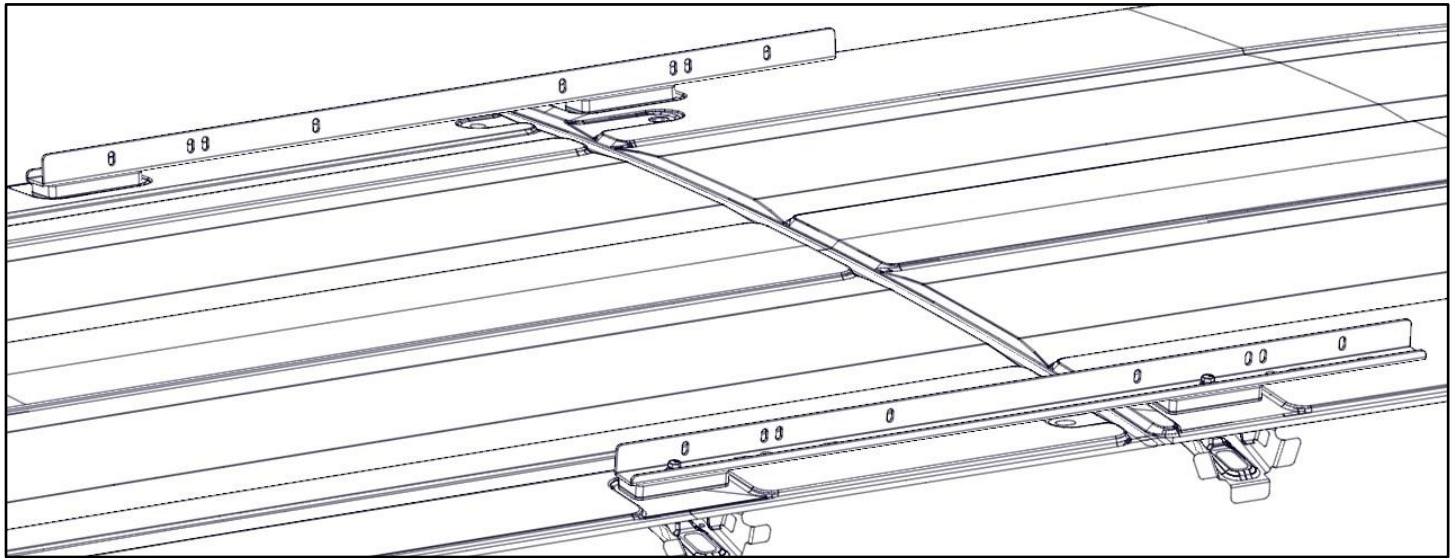
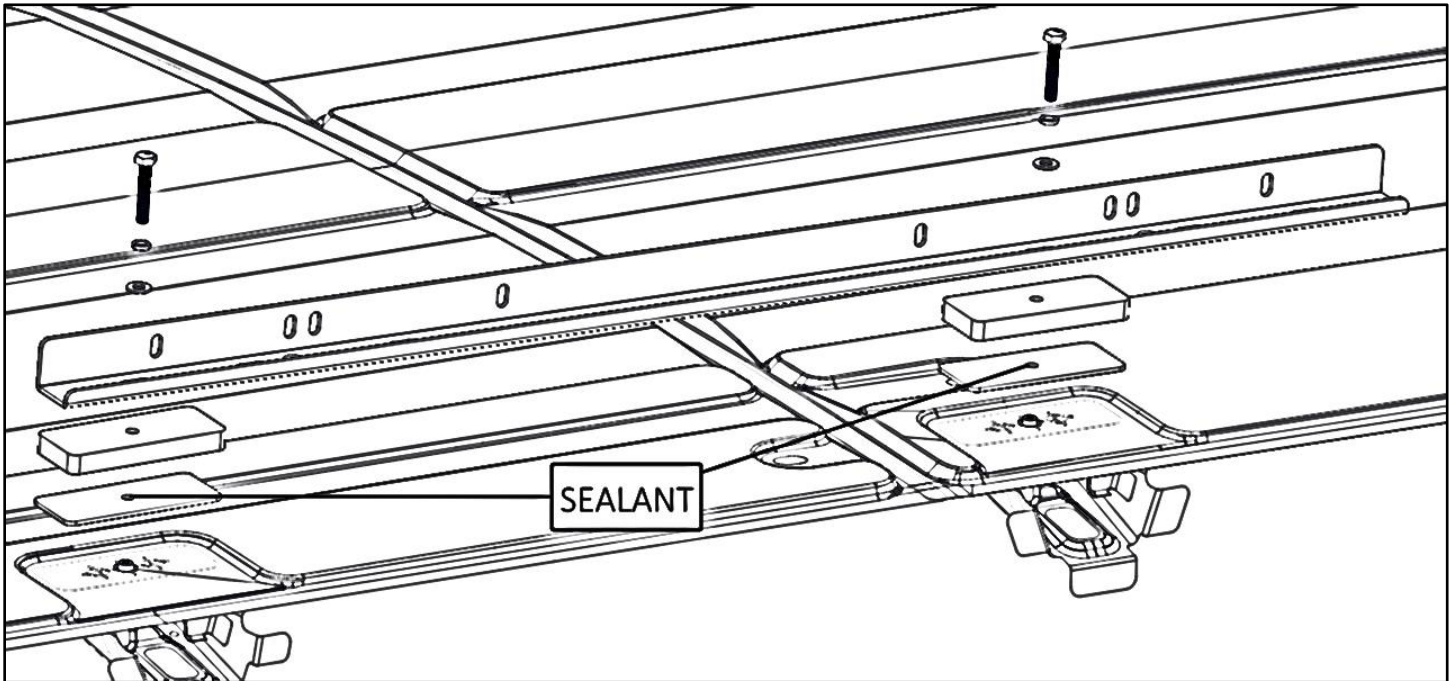
- Place the long mount rail with the tall flange to the center of the van.
- Using one M8 x 45mm bolt, one 5/16" lock washer, one 5/16" flat washer, one T-249 plate, and one EPDM pads, bolt through the farthest rear slot into the van emboss.
- **Apply sealant around the threads to ensure no water can leak into the cabin of the van.**
- Repeat for the corresponding front slot in the rail.

NOTE: The rail should be offset to the front of the van. The picture shown here is the rear most mount on the rail.



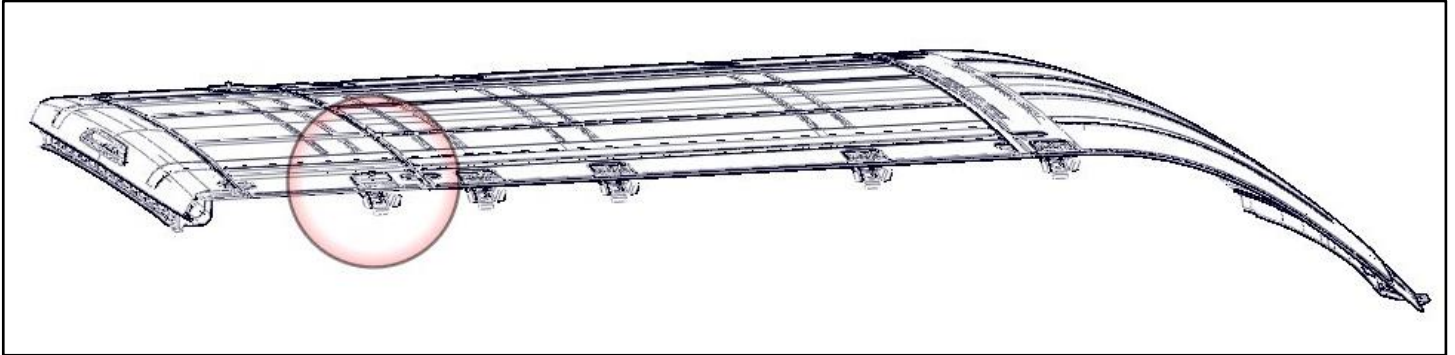
NOTE: Passenger side shown.

- Repeat on driver side.
- Snug tighten.



TRANSIT 148" WHEELBASE, HIGH ROOF, EXT

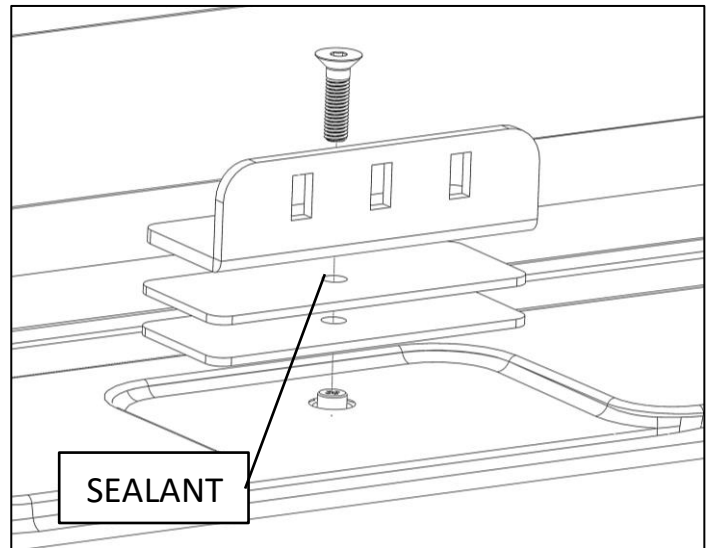
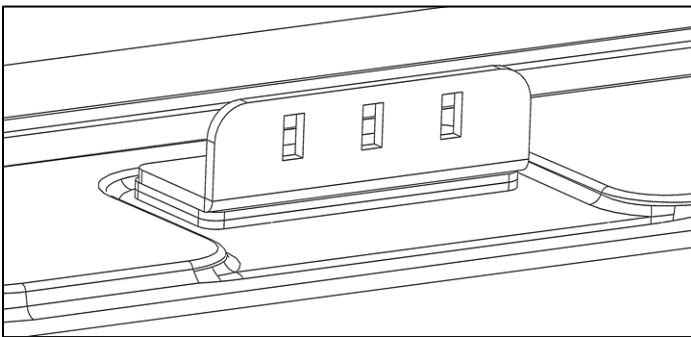
Step 3A – EXT Rear Foot Mounting



- Place rubber pad between the bracket and the roof of the van.
- Install the rear mount bracket using M8 x 30mm flat head bolts.
- **Apply sealant around the threads to ensure no water can leak into the cabin of the van.**
- **Be sure the bracket is parallel with the length of the van and the flange on the bracket is towards the outside of the van, as shown.**

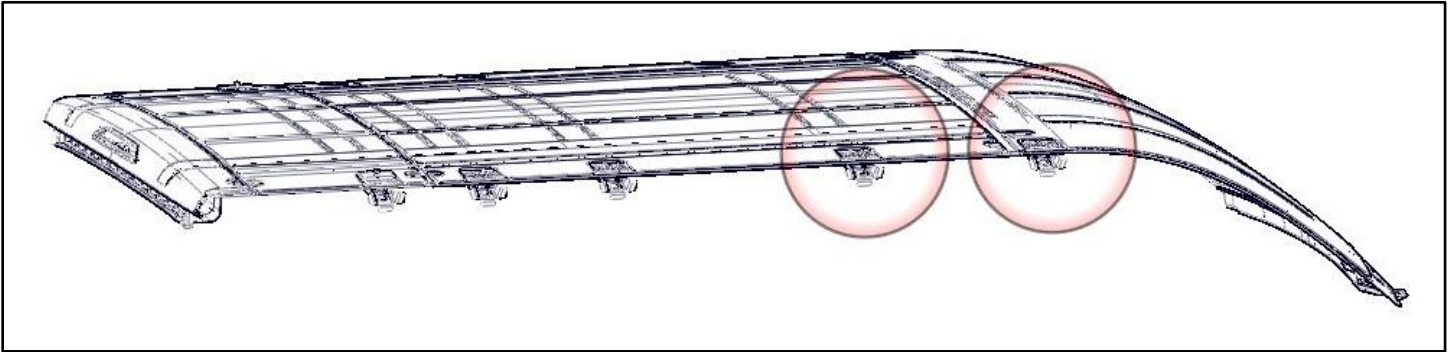
NOTE: Passenger side shown.

- Repeat on driver side.
- Tighten.

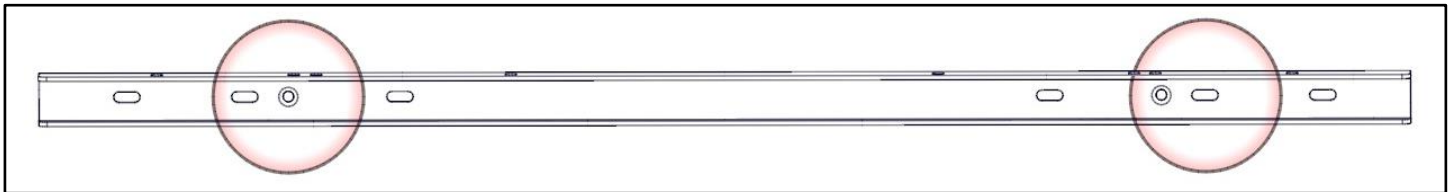


Step 3B – EXT Front Mount

- Locate other two threaded emboss at front of van. A plug will need to be removed at each location.



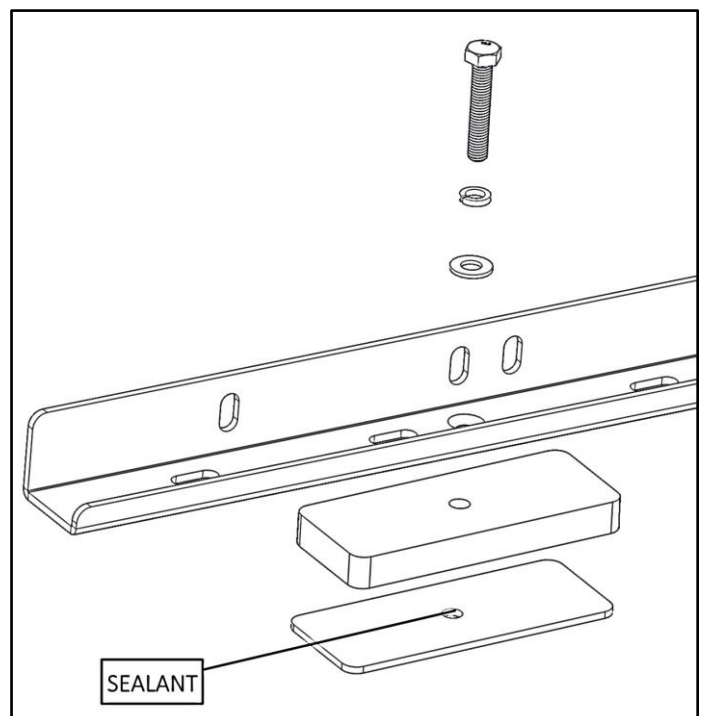
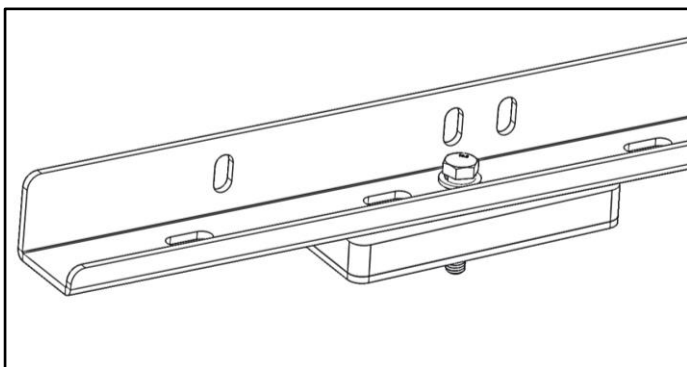
- Place the long mount rail with the tall flange to the center of the van.
- Using one M8 x 45mm bolt, one 5/16" lock washer, one 5/16" flat washer, one T-249 plate, and one EPDM pad, bolt through the farthest rear countersunk hole into the van emboss.
- **Apply sealant around the threads to ensure no water can leak into the cabin of the van.**
- Repeat for the 2nd slot from the front.



- Repeat entire step on driver side.

NOTE: The picture shown here is the rear most mount on the rail (through the countersunk hole). Passenger side shown.

- Snug tighten.

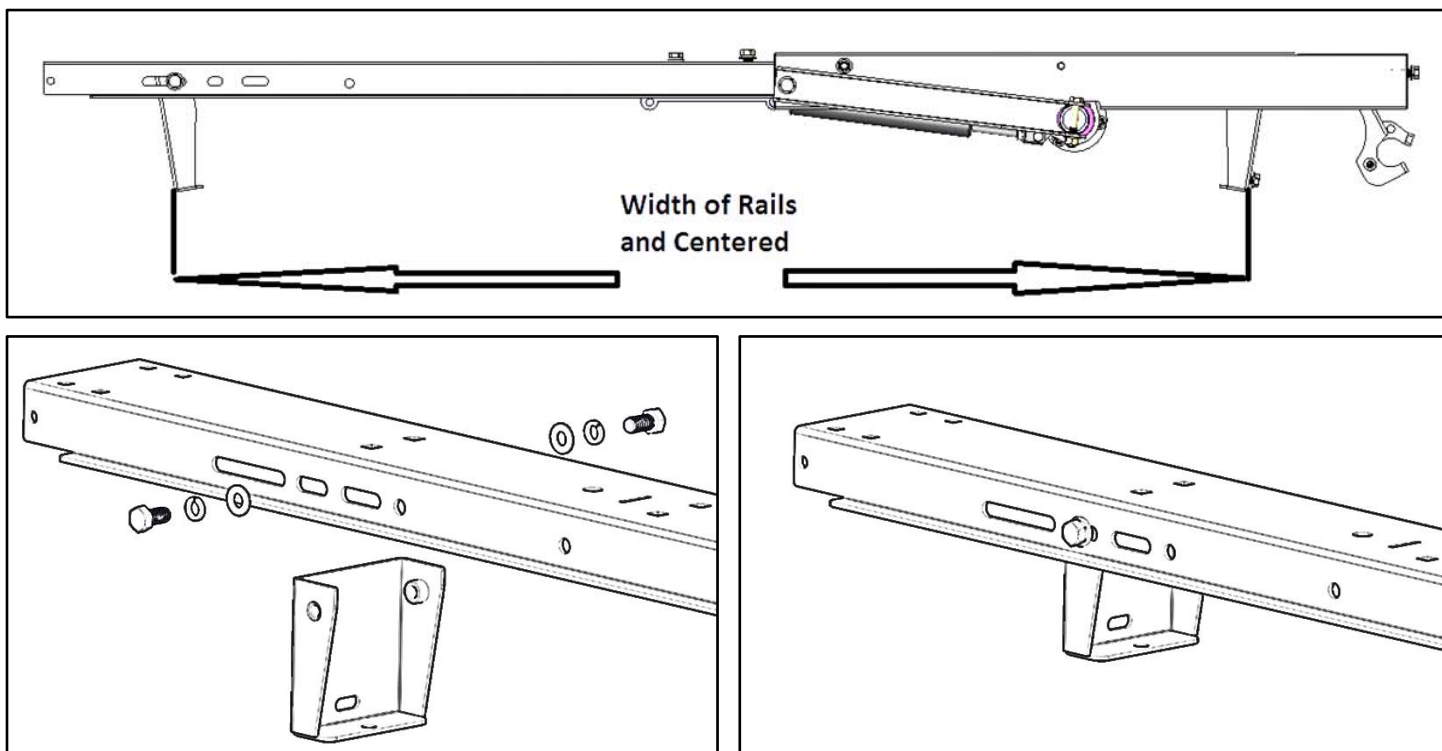


ALL VEHICLES

Step 4 – Installing Feet

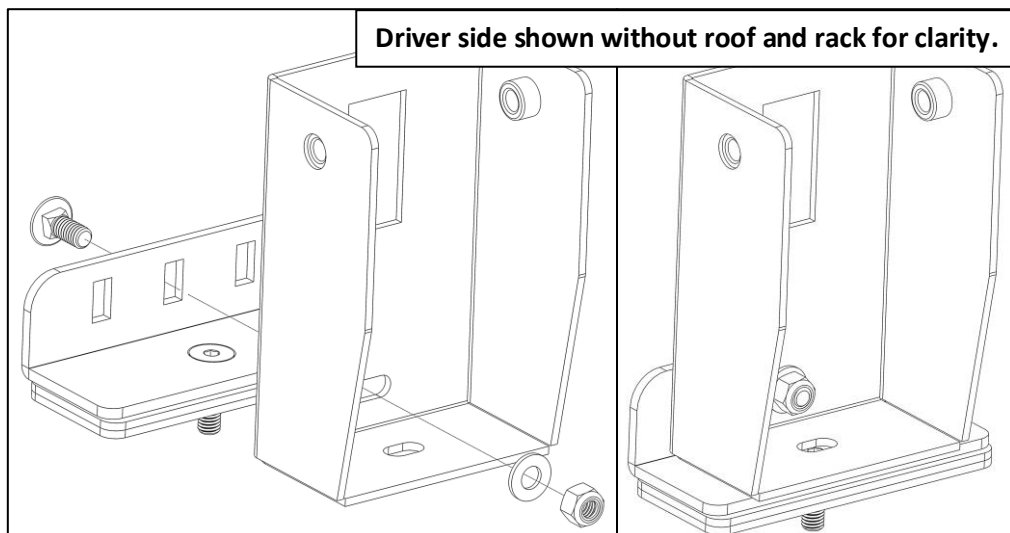
- Have rack assembled.
- Measure width between the mounts on the van.
- On the cross bows, use the slots that correspond to the measured distance between rails.
- Bolt feet to bows as shown. **DO NOT TIGHTEN** at this point.
- Feet can be installed as shown or reverse depending on how you mounted the rail.
- Using two 3/8" x 3/4" hex head bolts, two 3/8" lock washers, and two 3/8" flat washers, bolt feet to cross members.
- Snug tighten, but allow movement.

NOTE: Design of feet may vary, but all mounting is the same.

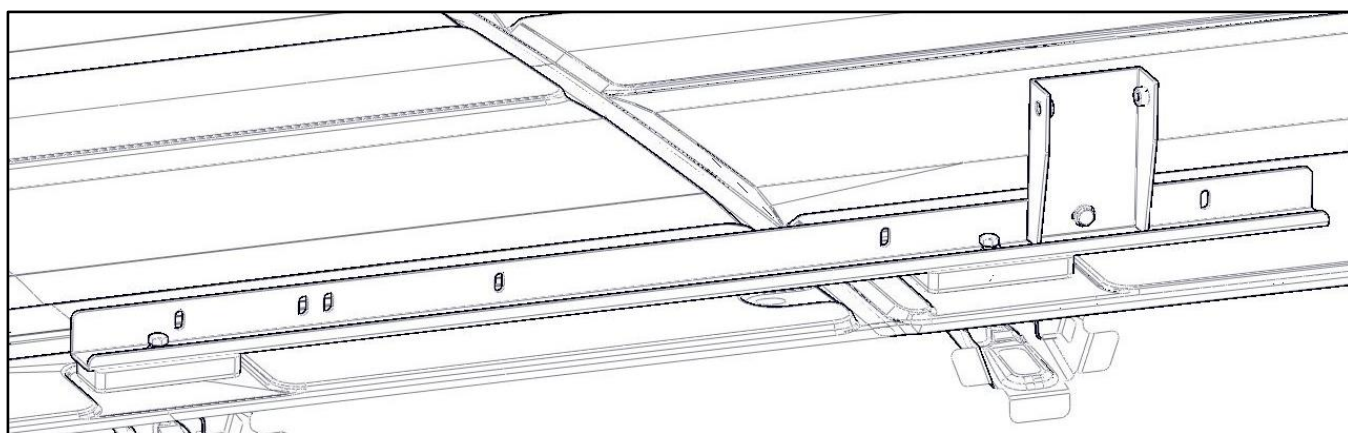
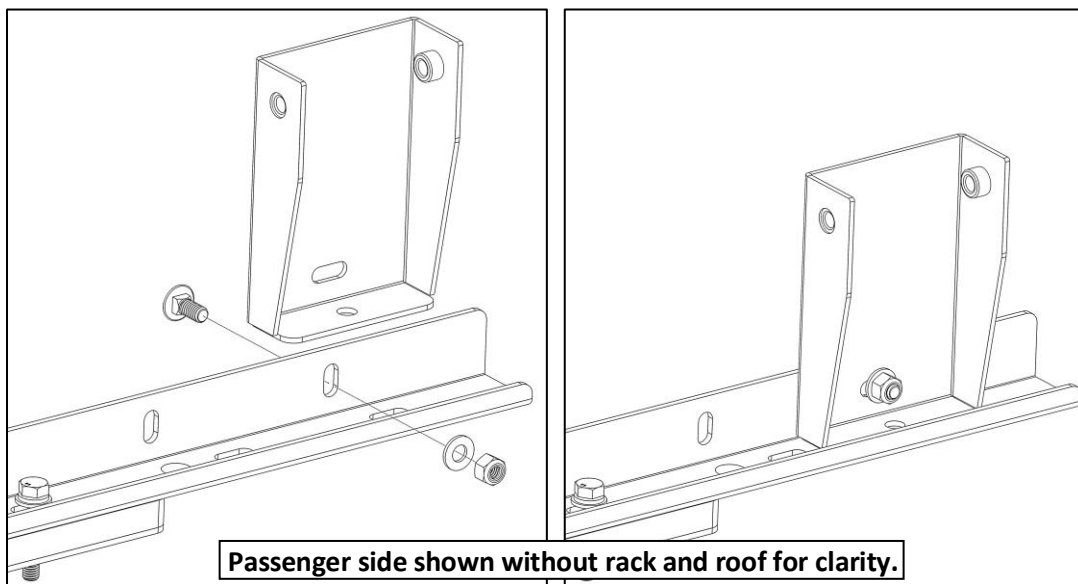


Step 5 – Installing Rack on Van

- Line the rear foot up with the rear mount of van.
- Bolt rear foot to rear mount using one 5/16" x 3/4" carriage bolt, 5/16" flat washer, and 5/16" lock nut.



- In the front of the van, mount foot to previously installed rail using one 5/16" x 3/4" carriage bolt, 5/16" flat washer, and 5/16" lock nut.
- Adjust as necessary.



GO BACK AND ENSURE ALL HARDWARE IS TIGHT.

This includes into the roof, within the rack assembly and the mounting of the rack to roof brackets.

YOUR INSTALLATION IS COMPLETE.

