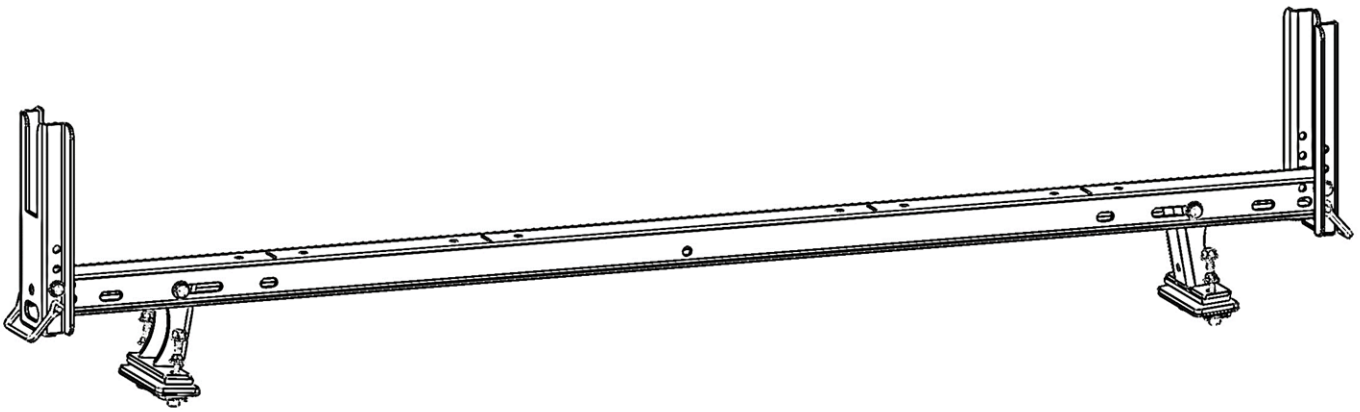


# Holman

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## Instruction Guide 4A822

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Holman  
Rancho Cordova, CA 95742  
800-343-7486  
[InstallationSupport@Holman.com](mailto:InstallationSupport@Holman.com)

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## 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.

### Tools Needed

9/16" Socket and Wrench	10mm Socket and Wrench
13mm Socket and Wrench	

### Table of Contents

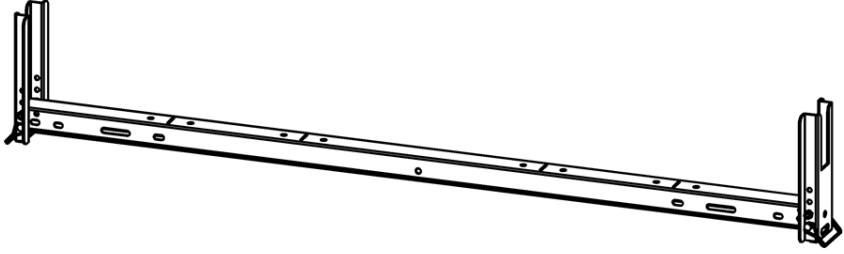
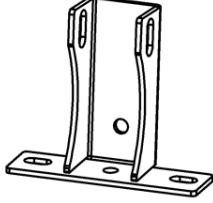
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### Before You Begin

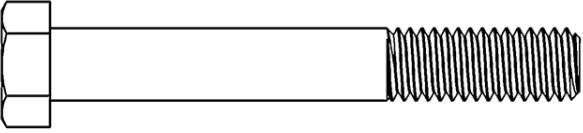
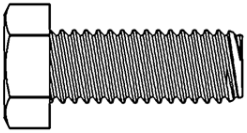
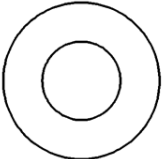
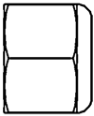
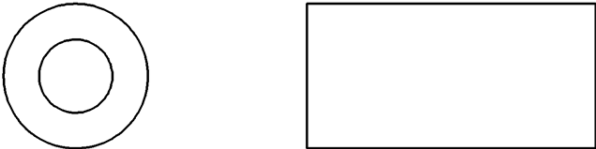
- Read all instructions.
- **Be sure to put sealant around all threads entering cargo area and between the rubber spacer and roof of vehicle to prevent water from leaking into cargo area.**
- Ensure ALL hardware is tight at the conclusion of the instructions.

**Note: IF INSTALLING ON PROMASTER, 40918 KIT MUST BE PURCHASED AND INSTALLED.**

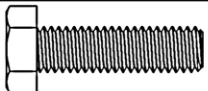
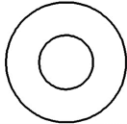

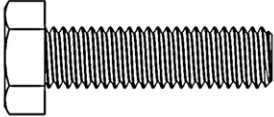
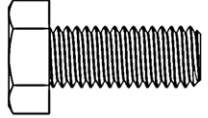
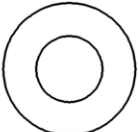
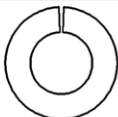

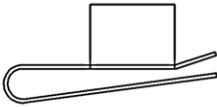
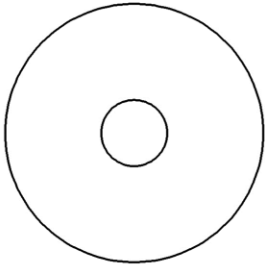
## Parts

NO.		PART NUMBER	DESCRIPTION	QTY.
A		4A821-10	CROSSBAR ASM	1
B		4A822-10-001	SLOT FOOT-AL	2
		18-4A822-A	ASSEMBLY HARDWARE	1
		18-4A822-M	MOUNT HARDWARE	1

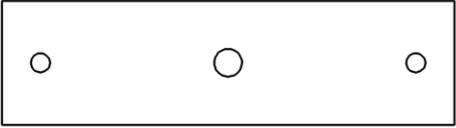
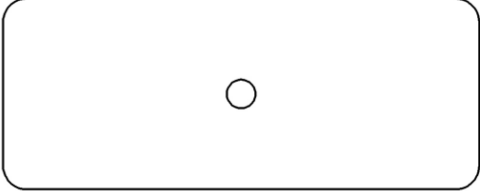
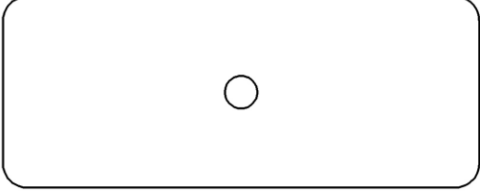
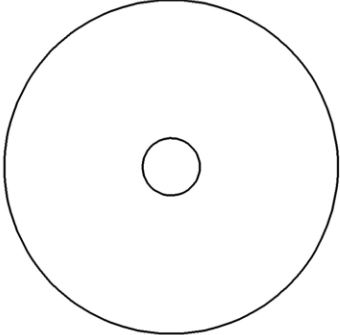

## Assembly Hardware (18-4A822-A)

ITEM NO.		DESCRIPTION	QTY.
1		.375-16 x 2.75 HH	2
2		.375-16 x 1 HH	2
3		.375 Flat Washer	8
4		.375-16 Nyloc	4
5		.375 x 1.5 Nylon Spacer	2

## Installation Hardware (18-4A822-M)

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		38560	M6 X 1.0 X 22MM HEX HEAD BOLT	4
2		33078	1/4" FLAT WASHER	4
3		33618	1/4" LOCK WASHER	4
4		11552488	M8-1.25 X 30MM HEX HEAD BOLT	2
5		11552486	M8-1.25 X 20MM HEX HEAD BOLT	4
6		33080	5/16" WASHER	8
7		1171067	5/16" LOCKING WASHER	4
8		11511017	M8-1.25 NYLON NUT	2
9		0162867	M8 U- Nut	4
10		33216	5/16" FENDER WASHER	2

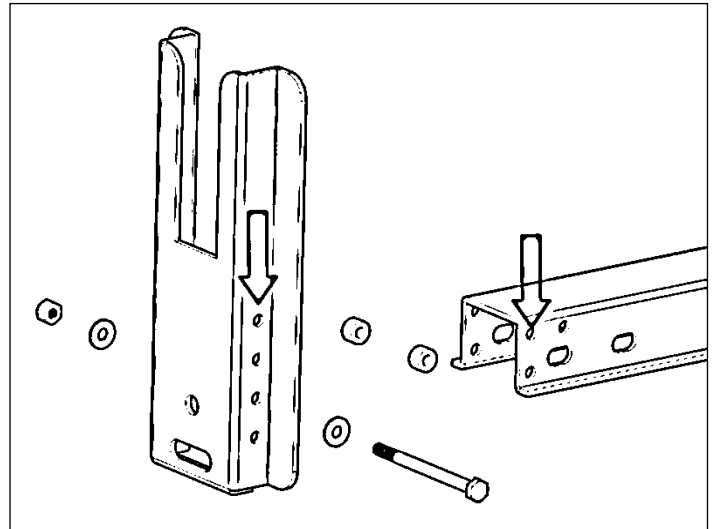
## Installation Hardware (Continued)

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
11		40821-10-004	3 HOLE RUBBER PAD	2
12		T249-02	RUBBER	2
13		T250-01	TRANSIT ROOF PLATE	2
14		-	1/8" X 5/16" X 1-3/4" RUBBER WASHER	2
15		BH-821	SELF LEVELING ADHESIVE SEALANT	1

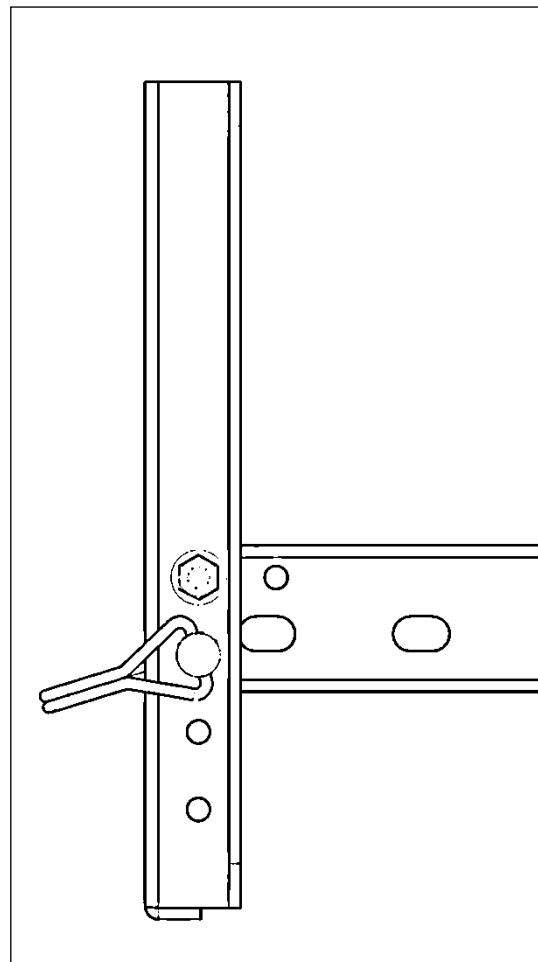
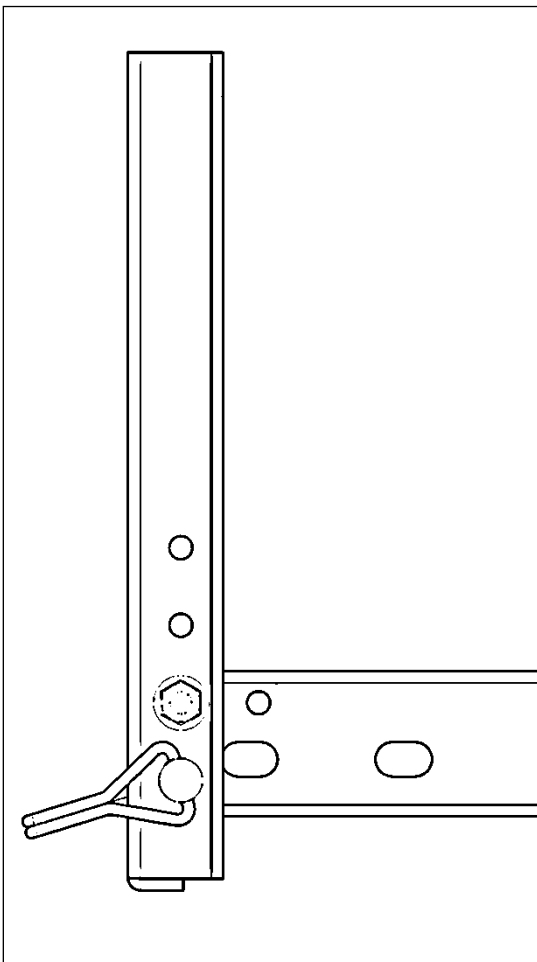
## DO NOT EXCEED MANUFACTURERS WEIGHT CAPACITY FOR ROOF!

### Step 1 – Adjustment of Uprights

- The uprights at each end of the crossbar come preinstalled.
- If van upright is not at desired height, remove bolts and adjust accordingly. **Be sure to have one hole open below where van upright is bolted to cross member.**
- Repeat on other side of cross member.
- Insert pin through the van upright and the cross member, using the open hole below the previously installed hex bolt.
- TIGHTEN.

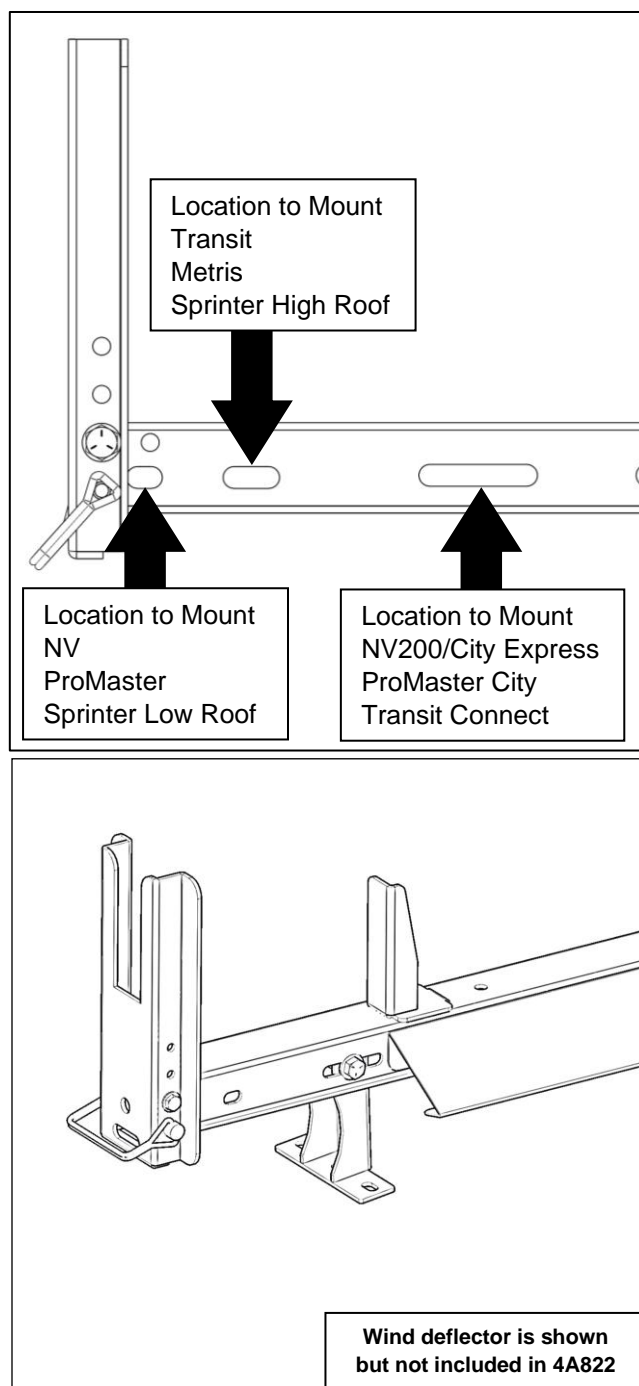
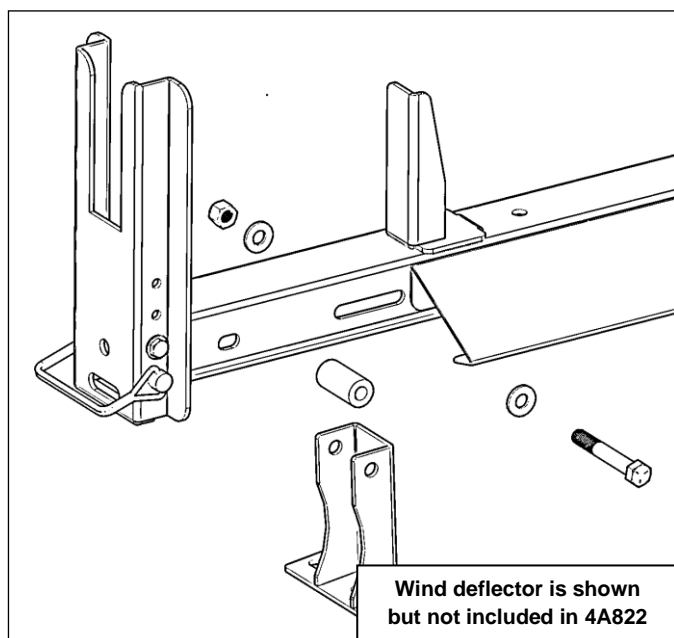


Below shows different heights of van uprights.



## Step 2 – Assembly of Foot

- Depending on your vehicle, the foot will mount in different slots.
- Be sure to have the cup in the foot facing outward, as shown.**
- Use a 3/8" x 2-3/4" hex head bolt, two 3/8" flat washers, and a 3/8" lock nut to bolt foot to cross member. **Be sure to insert the nylon spacer inside foot.**
- Repeat on both sides.
- Do NOT tighten.**



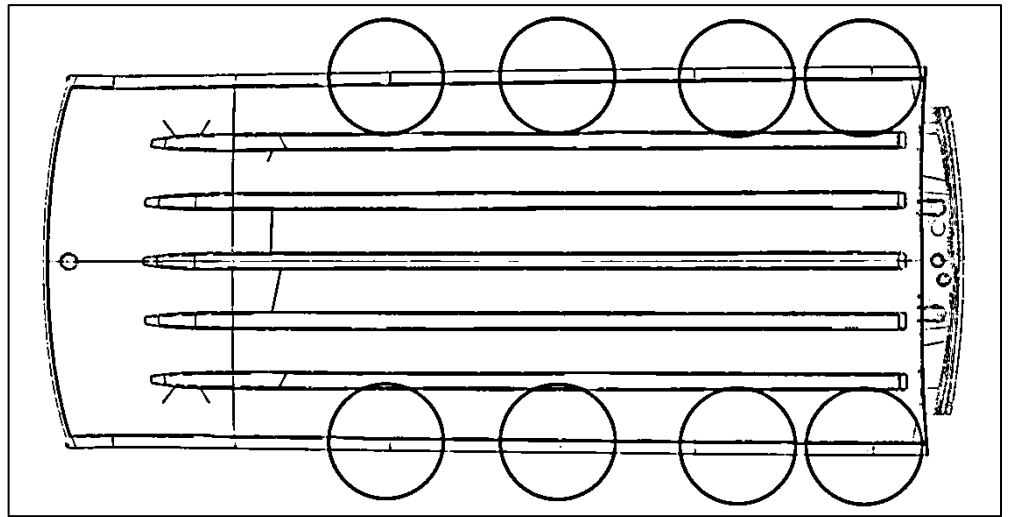
## Installation Instructions

- The following are vehicle specific installation instructions. Follow the instructions for your specific vehicle.

## Transit Connect

### Step 3

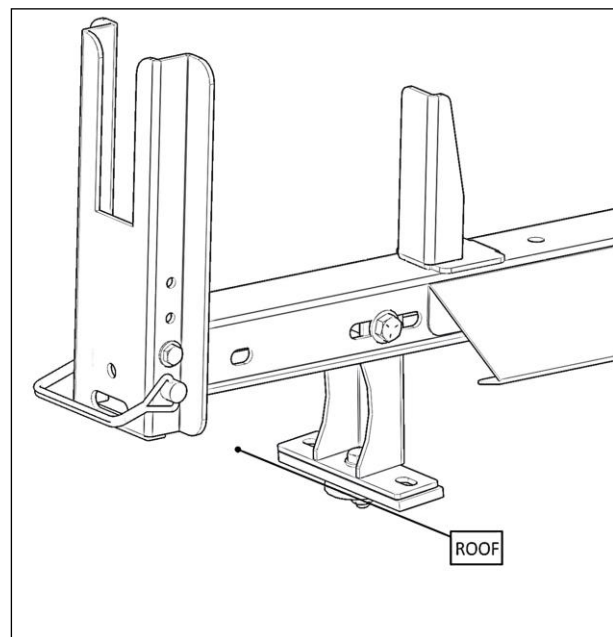
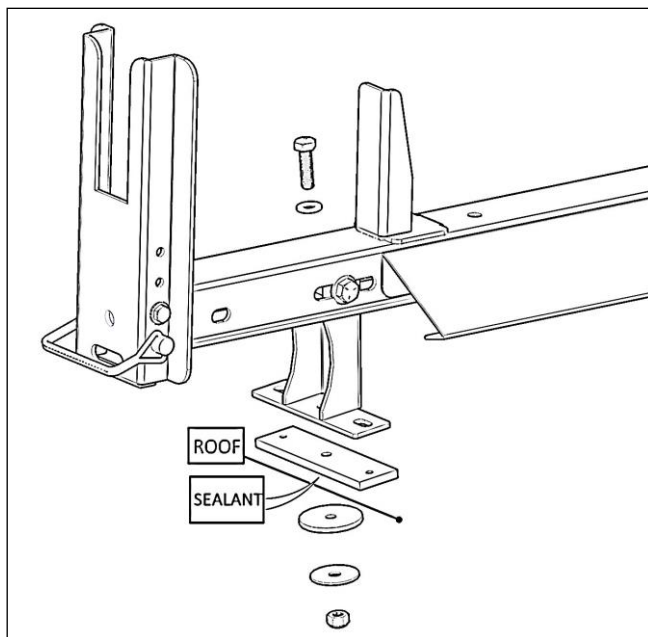
- Locate 2 mounting locations in roof for the crossbar to be installed.
- Remove plug from **ONLY** the desired mounting locations in roof.



### Step 4

**NOTE:** Be sure to put a rubber spacer in between mount foot and roof of van as shown below. The roof goes in between rubber spacer and rubber washer.

- Place sealant between rubber spacer and roof of van and around threads to ensure no water leaks into van.
- Bolt through the mount foot into the exposed holes in roof using one M8 x 30mm hex head bolt, one 5/16" flat washer, a rubber pad above roof, a rubber washer inside of roof, one 5/16" fender washer, and one M8 lock nut, in the order shown.



### Step 5

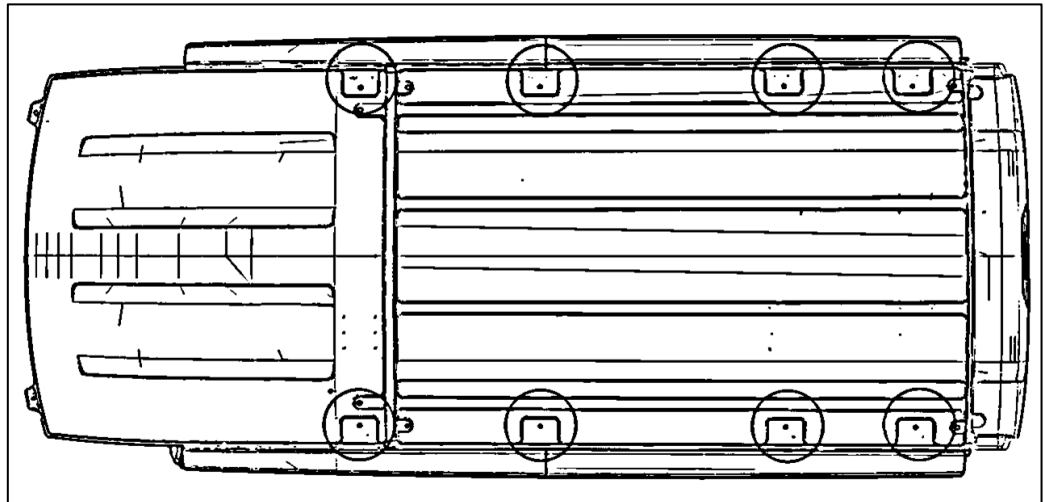
- Go back and tighten all hardware including hardware on the rack itself.



## Transit

### Step 3

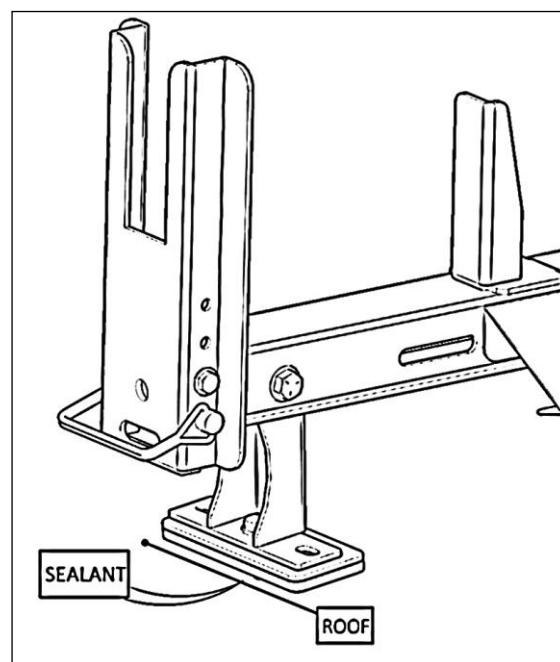
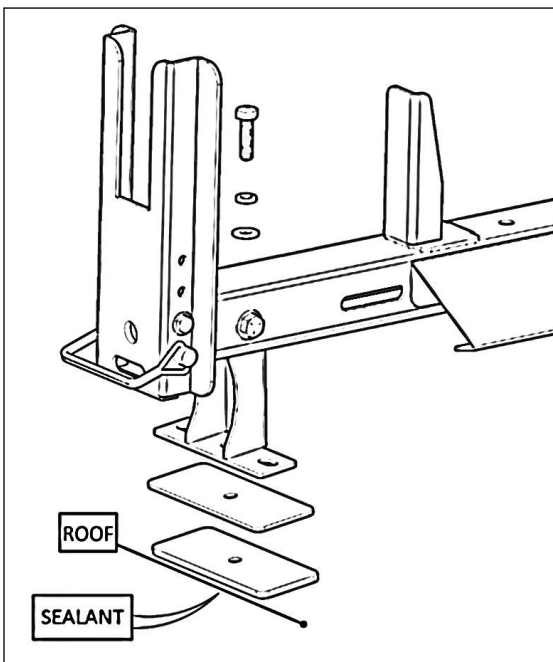
- Locate 2 mounting locations on roof for the crossbar to be installed.
- Remove plug from ONLY the desired mounting locations in roof.



### Step 4

**NOTE:** Be sure to put rubber pad and metal plate in between mount foot and roof of van as shown below. The rubber pad goes on the roof.

- Place sealant between rubber pad and roof of van and around threads to ensure no water leaks into van.
- Bolt through the mount foot into the exposed holes in roof using one M8 x 30mm hex head bolt, one 5/16" lock washer, one 5/16" flat washer, a metal plate, and a rubber pad, in the order shown.



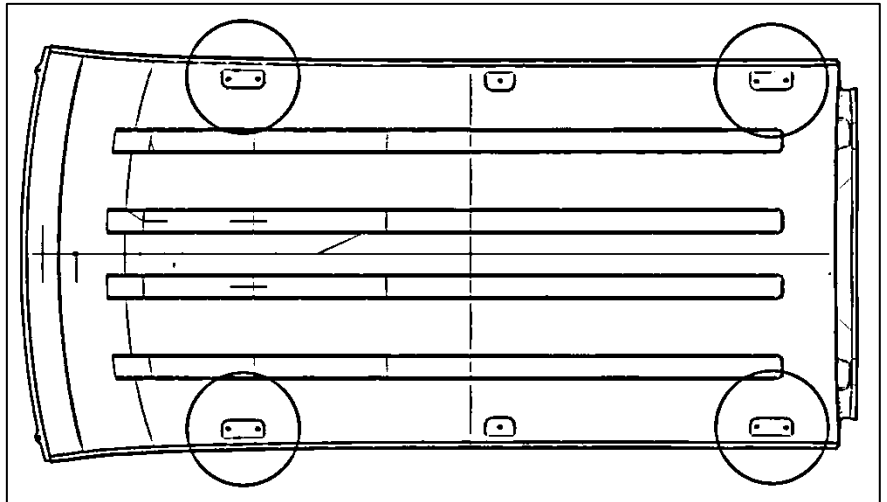
### Step 5

- Go back and tighten all hardware including hardware on the rack itself.

## ProMaster City

### Step 3

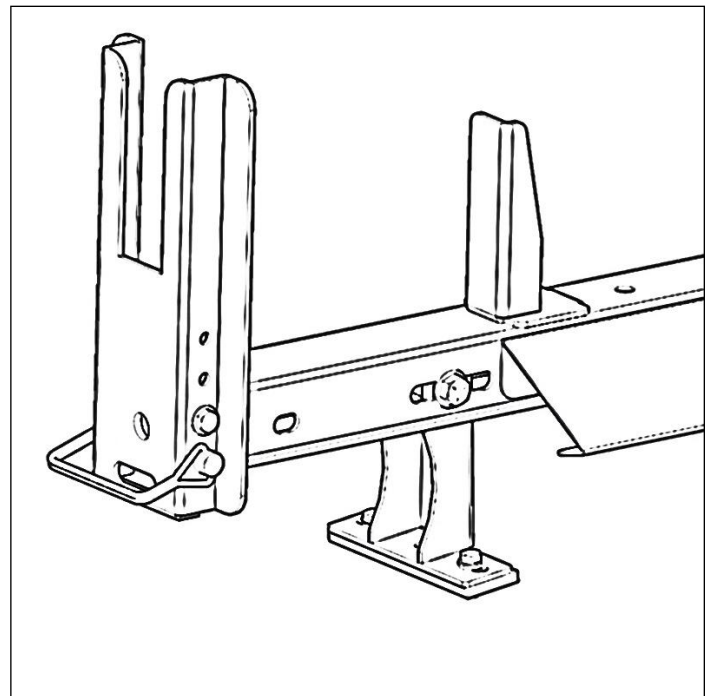
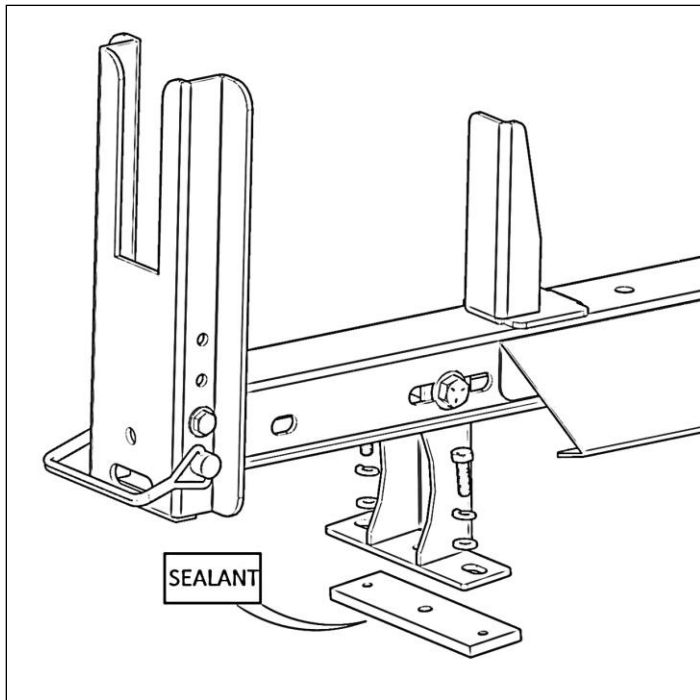
- Locate 2 mounting locations on roof for the crossbar to be installed.
- Remove plug from **ONLY** the desired mounting locations in roof.



### Step 4

**NOTE:** Be sure to put a rubber spacer in between mount foot and roof of van as shown below.

- Place sealant between rubber spacer and roof of van and around threads to ensure no water leaks into van.
- Bolt through the mount foot into the exposed holes in roof using one M6 x 22mm hex head bolt, one 1/4" lock washer, one 1/4" flat washer, and a rubber spacer, in the order shown.



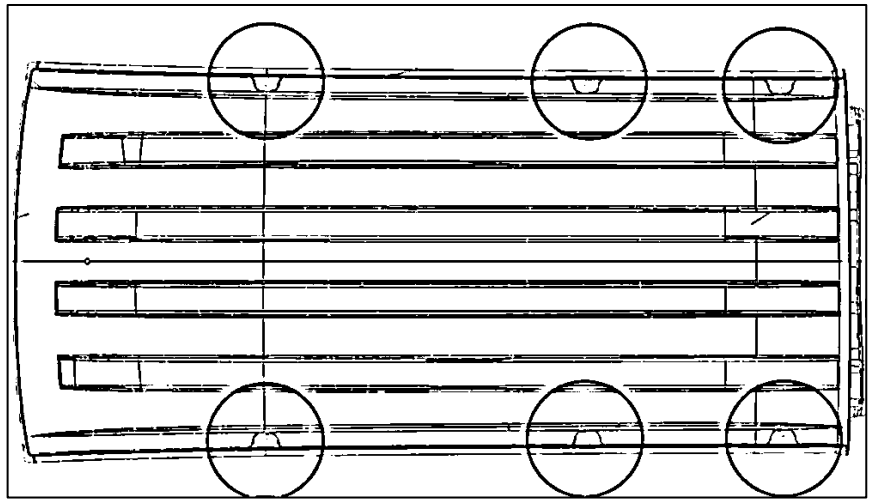
### Step 5

- Go back and tighten all hardware including hardware on the rack itself.

## NV200/Chevy City Express

### Step 3

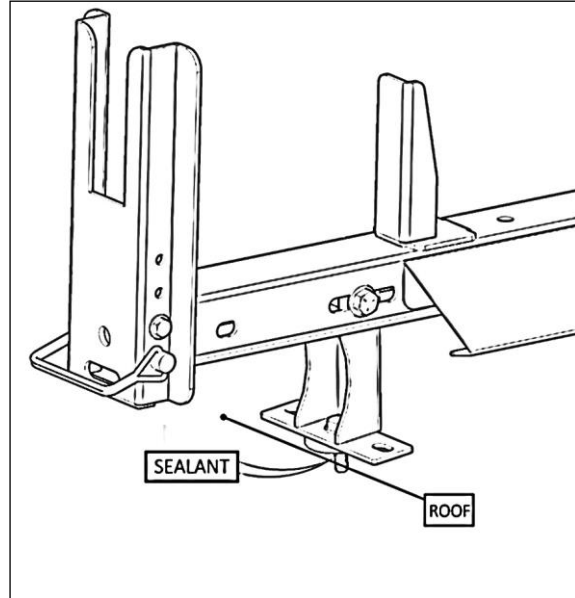
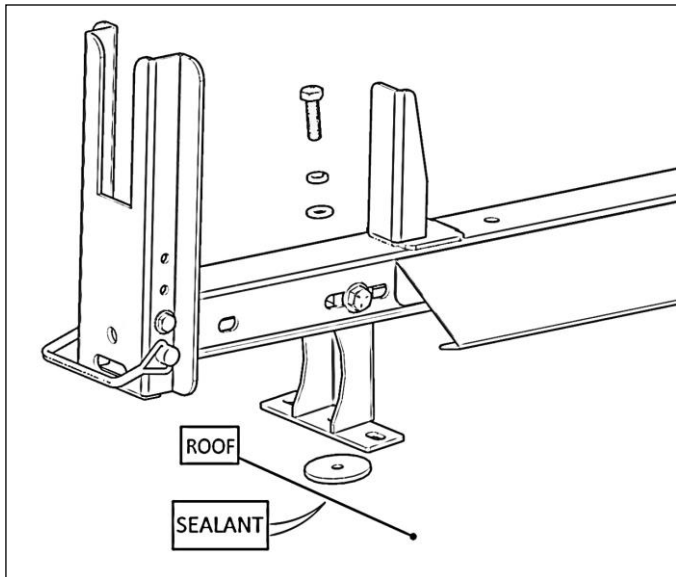
- Locate 2 mounting locations on roof for the crossbar to be installed.
- Remove plug from **ONLY** the desired mounting locations in roof.



### Step 4

**NOTE:** Be sure to put a rubber washer in between mount foot and roof of van as shown below.

- Place sealant between rubber spacer and roof of van and around threads to ensure no water leaks into van.
- Bolt through mount foot into the exposed holes in roof using one M8 x 30mm hex head bolt, one 5/16" lock washer, one 5/16" flat washer, and a rubber washer, in the order shown.



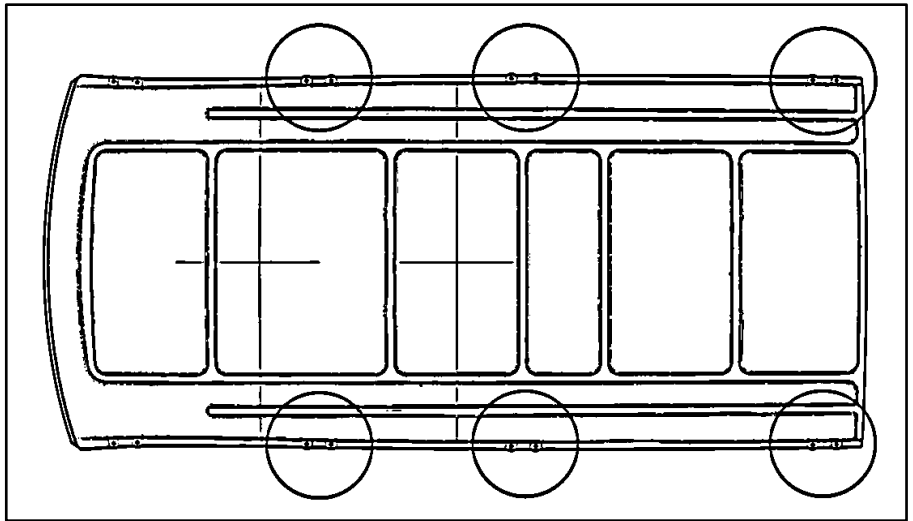
### Step 5

- Go back and tighten all bolts including nuts and bolts on the rack itself.

## Metris

### Step 3

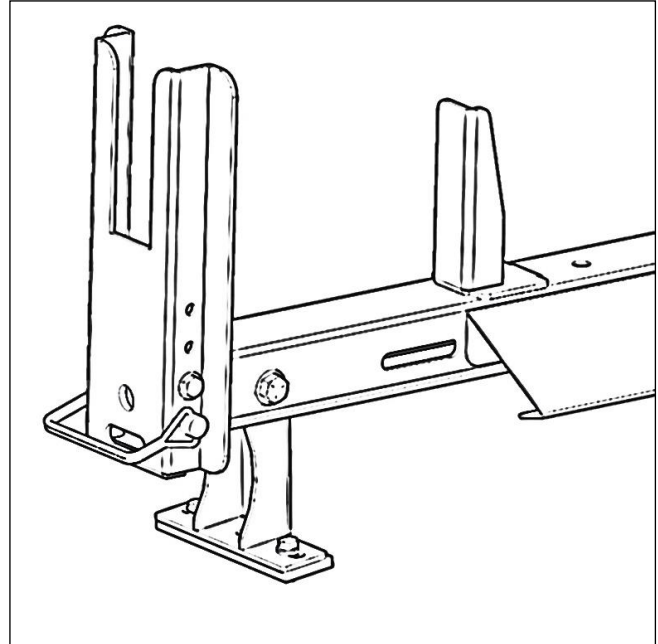
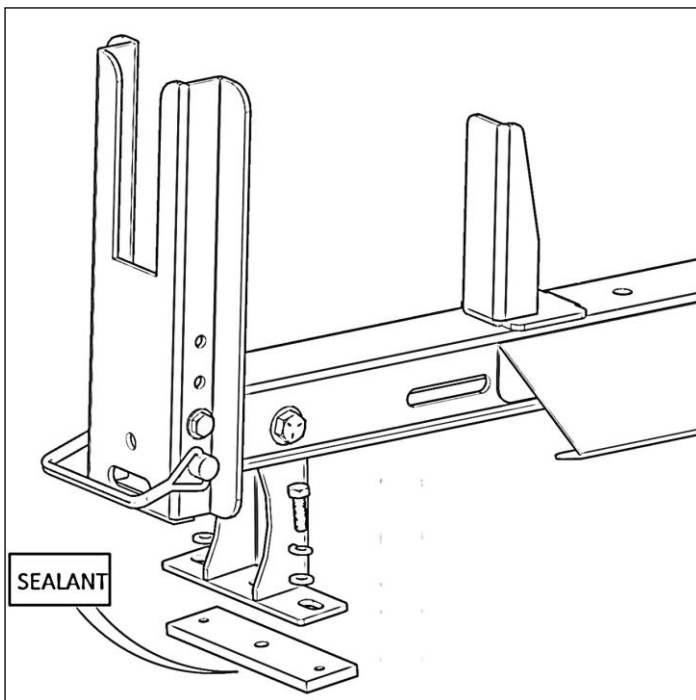
- Locate 2 mounting locations on roof for the crossbar to be installed.
- Remove plug from **ONLY** the desired mounting locations in roof.



### Step 4

**NOTE:** Be sure to put a rubber spacer in between mount foot and roof of van as shown below.

- Place sealant between rubber spacer and roof of van and around threads to ensure no water leaks into van.
- Bolt through the mount foot into the exposed holes in roof using one M6 x 22mm hex head bolt, one 1/4" lock washer, one 1/4" flat washer, and a rubber spacer, in the order shown.



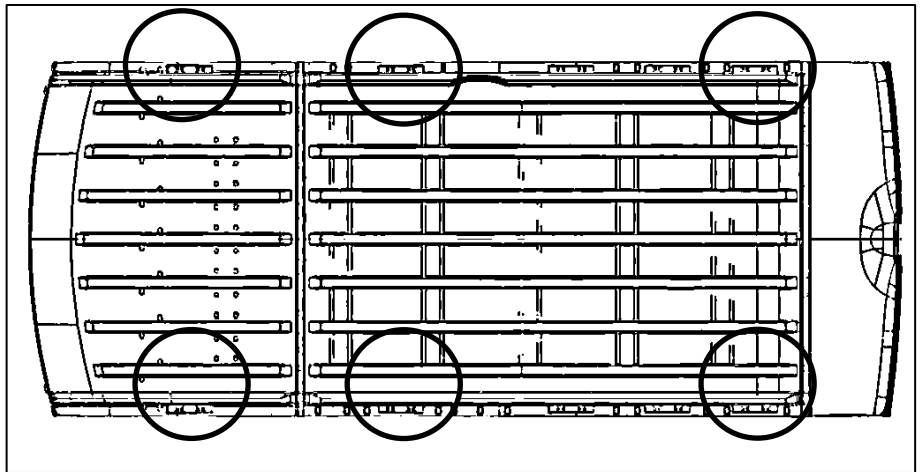
### Step 5

- Go back and tighten all hardware including hardware on the rack itself.

## NV

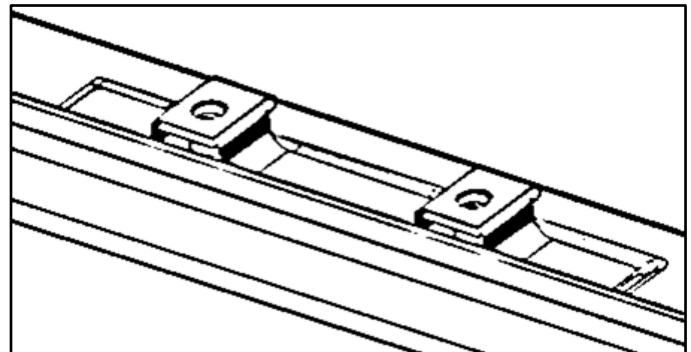
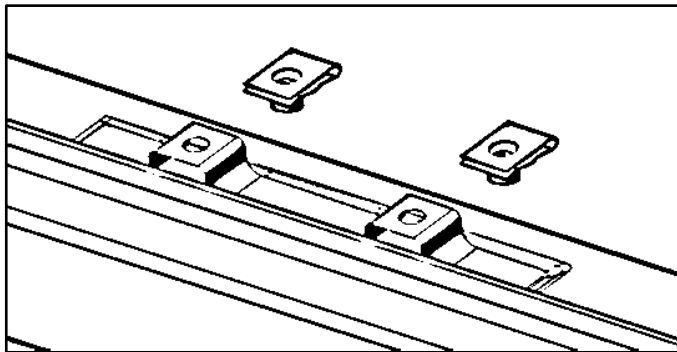
### Step 3

- Locate 2 mounting locations on roof for the crossbar to be installed.



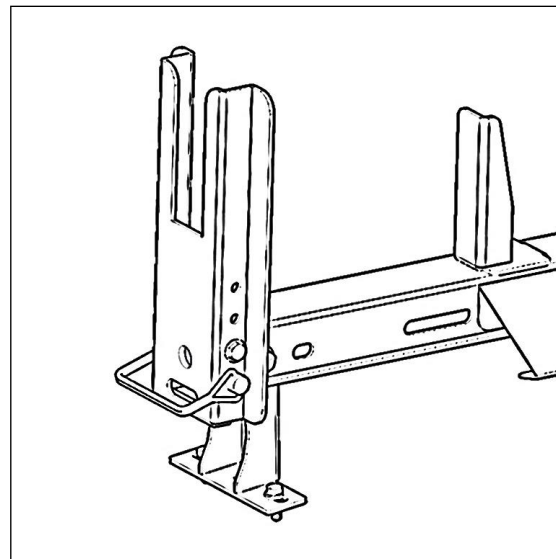
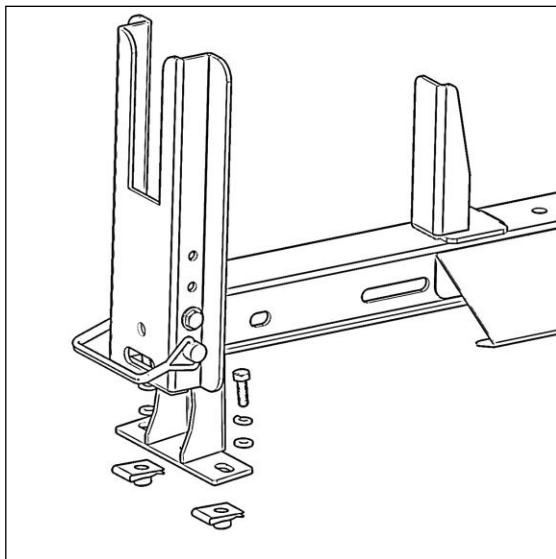
### Step 4

- Install M8 U-Nuts as shown.



### Step 5

- Bolt through the mount foot into the previously installed M8 U-nuts using M8 x 20mm hex head bolt, 5/16" lock washer, and 5/16" flat washer.



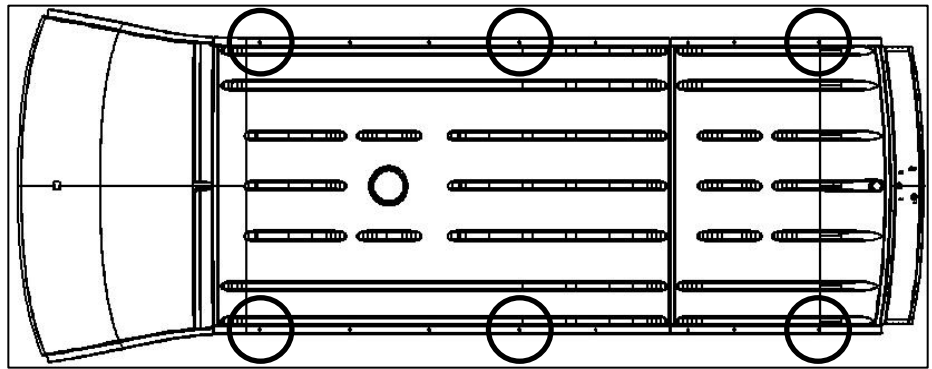
### Step 6

- Go back and tighten all hardware including hardware on the rack itself.

## Sprinter

### Step 3

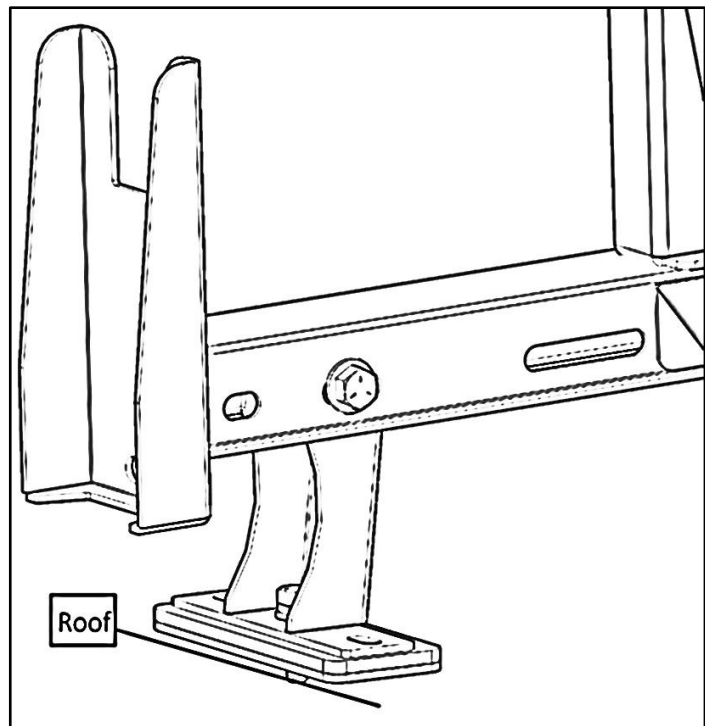
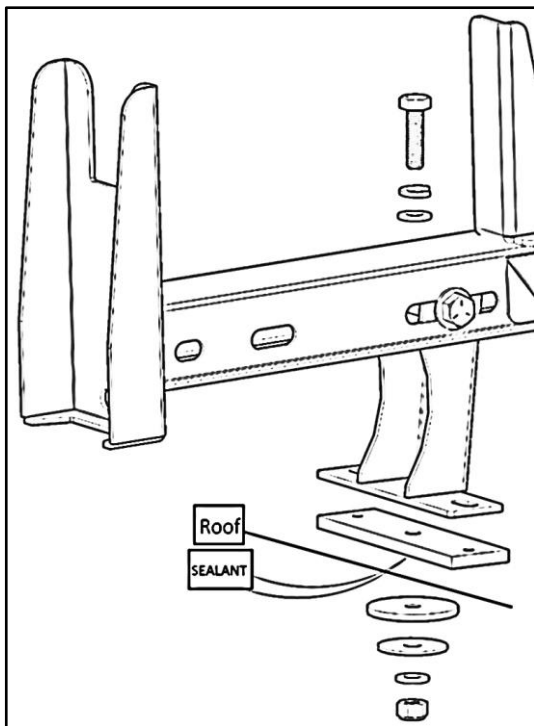
- Locate 2 mounting locations in roof for the crossbars to be installed.
- Remove plugs from ONLY the desired mounting locations in roof.



### Step 4

**NOTE:** Be sure to put rubber spacer in between mount foot and roof of van as shown below. The roof goes in between rubber spacer and rubber washer.

- Be sure to place sealant between rubber spacer and roof of van and around threads to ensure no water leaks into van.
- Bolt through the mount foot into the exposed holes in roof using one M8 x 30mm hex head bolt, one 5/16" flat washer, a rubber pad above roof, a rubber washer inside of roof, one 5/16" fender washer, another 5/16" flat washer, and one M8 lock nut, in that order, as shown.



### Step 5

- Go back and tighten all hardware including hardware on the rack itself.

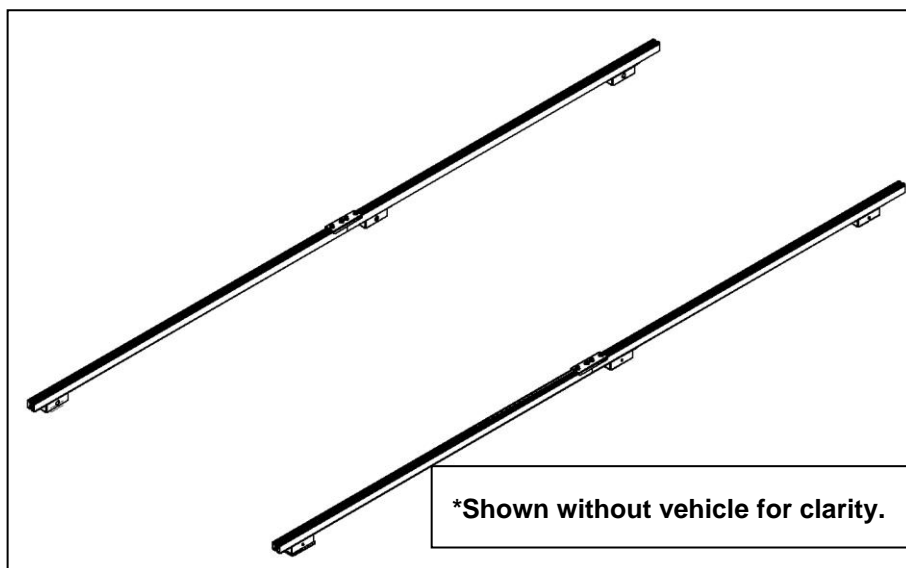


## ProMaster

### Step 3

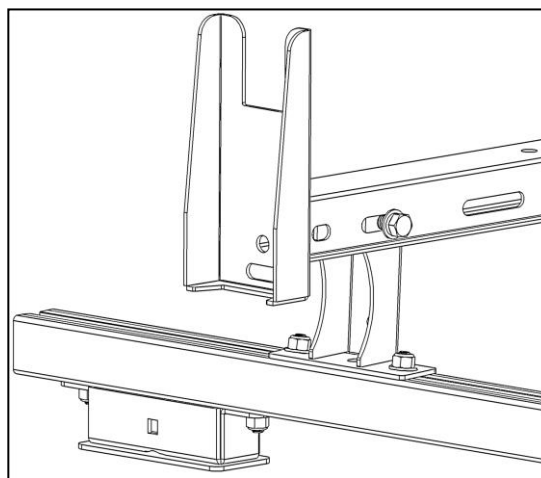
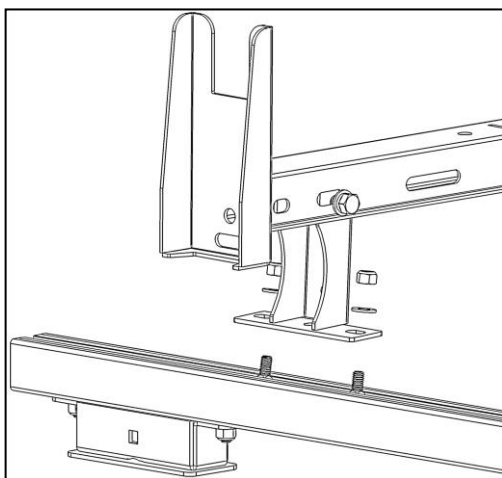
**NOTE:** These instructions assume you have installed 400918 prior to installation.

- If installing the 40918 for the first time, follow the 40918 instructions through to step 4. **Be sure to discard the feet that come with 40918. The feet included with 4A822 will be used instead.**



### Step 4

- For each foot, slide two 5/16" x 3/4" carriage bolts into the top slot of the extrusion.
- Set foot onto extrusion aligning carriage bolts with mounting blocks.
- Using two 5/16" washers and 5/16" lock nuts, bolt extrusion to mounting blocks.
- Snug tighten but allow for movement.



### Step 5

- Go back and tighten all hardware including hardware on the rack itself.

**GO BACK AND TIGHTEN ALL HARDWARE.**

**INSTALLATION AND ASSEMBLY ARE COMPLETE.**