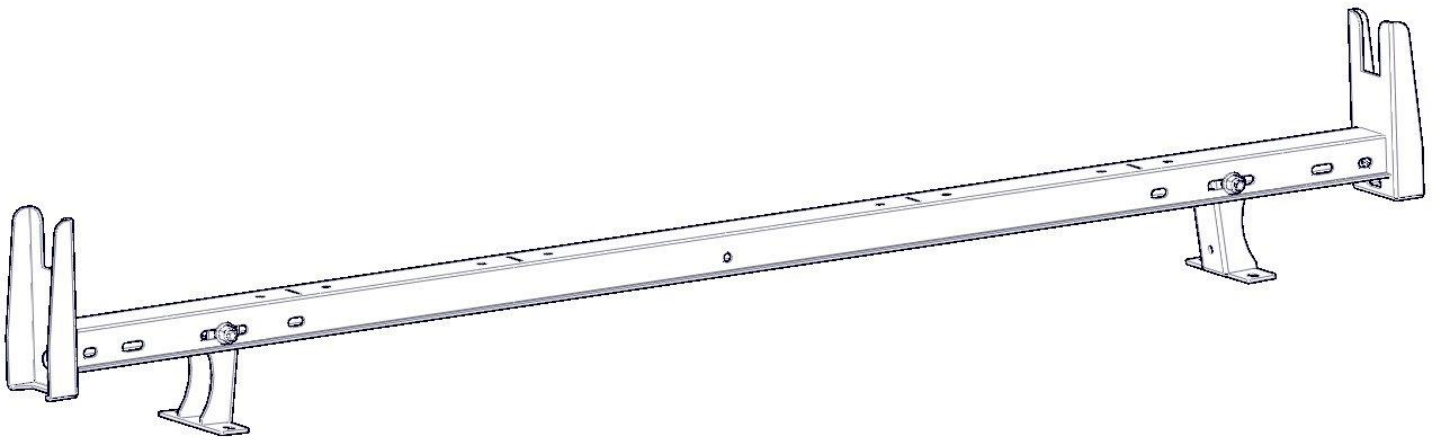


# Holman

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## Instruction Guide 40822

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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

13mm Socket and Wrench	10mm Socket and Wrench
9/16" Socket and Wrench	7/16" Socket and Wrench

### Table of Contents

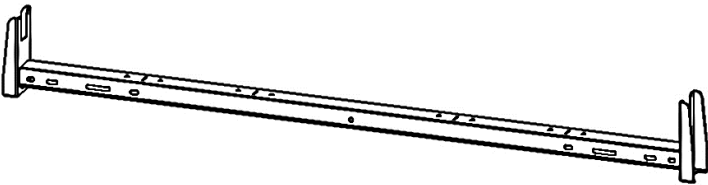

Parts List .....	2
Assembly Hardware (18-40821-A) .....	2
Mount Hardware (18-40821-M) .....	4
Step 1 – Rack Assembly .....	5
Installation Instructions	
Transit Connect .....	6
Transit .....	7
ProMaster City .....	8
NV200/Chevy City Express .....	9
Metris .....	10
NV .....	11
Sprinter .....	12
Promaster .....	13

### Before You Begin

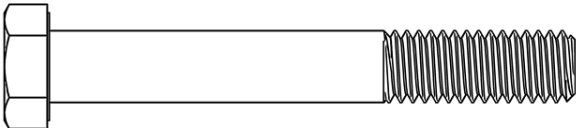
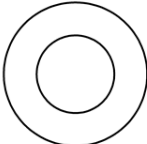
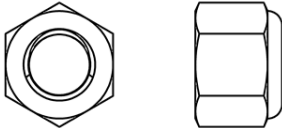

- Read all instructions.
- Be sure to put sealant around all threads entering cargo area and between the rubber spacer and roof of vehicle to prevent water from leaking into cargo area.
- Ensure ALL hardware is tight at the conclusion of the instructions.

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

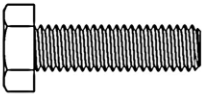
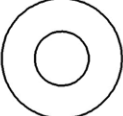

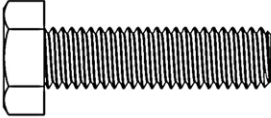
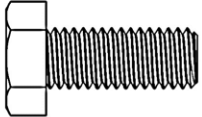
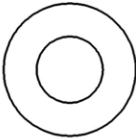
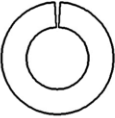

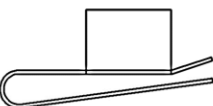
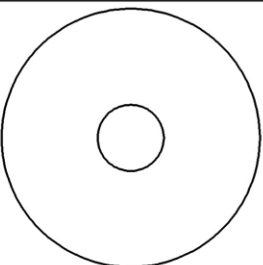
## Parts

NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1		40821-10	CROSSBAR ASSEMBLY	1
2		40822-00-001	SLOTTED FOOT	2
3		18-40822-M	MOUNT ASSEMBLY	1
4		18-40822-A	ASSEMBLY HARDWARE	1

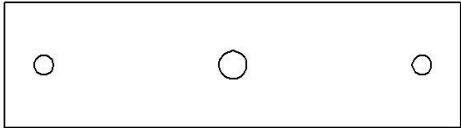
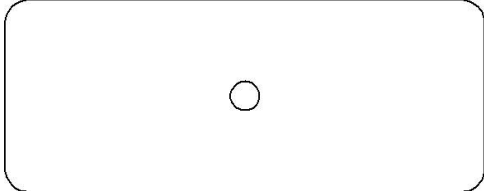
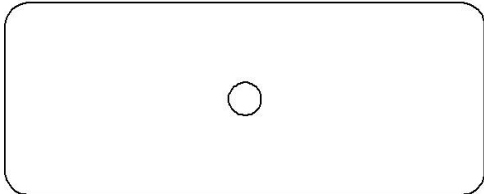
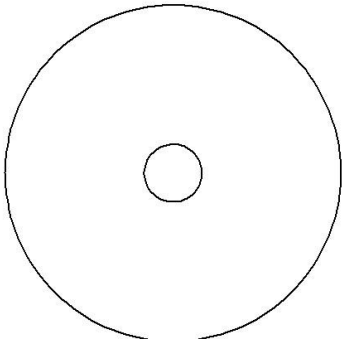
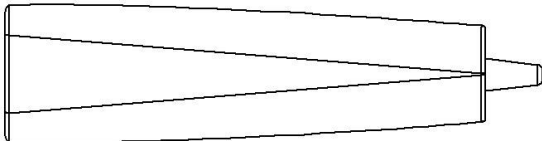
## Assembly Hardware (18-40822-A)

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		21868	3/8-16 X 2-3/4" HEX HEAD BOLT	2
2		0159723	3/8" WASHER	4
3		0169791	3/8"-16 LOCK NUT	2
4		40821-10-005	FOOT BUSHING	2

## Installation Hardware (18-40822M)

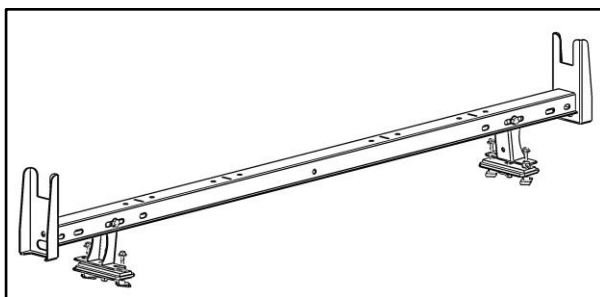
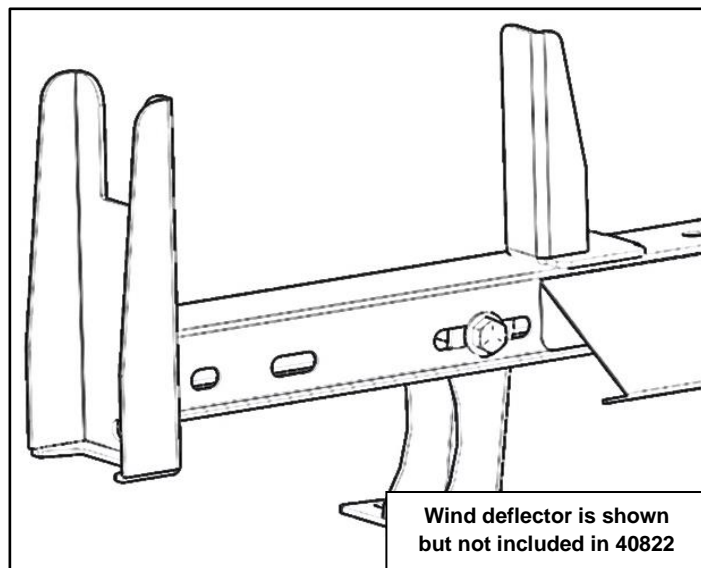
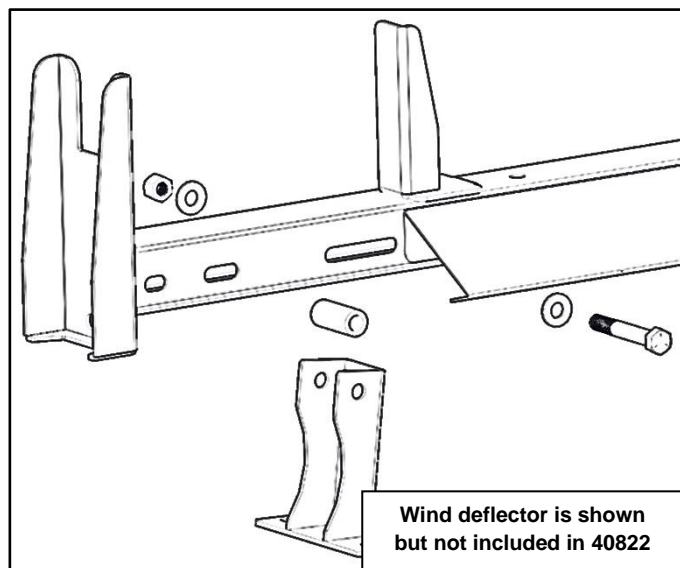
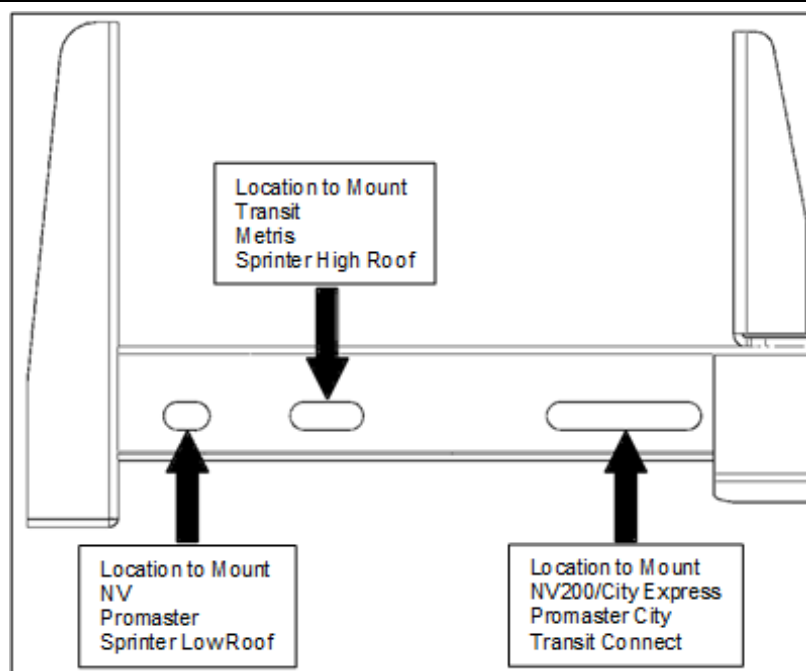
ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		38560	M6 X 1.0 X 22MM HEX HEAD BOLT	4
2		33078	1/4" FLAT WASHER	4
3		33618	1/4" LOCK WASHER	4
4		11552488	M8-1.25 X 30MM HEX HEAD BOLT	2
5		11552486	M8-1.25 X 20MM HEX HEAD BOLT	4
6		11545144	5/16" FLAT WASHER	4
7		1171067	5/16" LOCKING WASHER	4
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	4
12		T249-02	RUBBER	4
13		T250-01	TRANSIT ROOF PLATE	4
14		-	1/8" X 5/16" X 1-3/4" RUBBER WASHER	4
15		SEALANT - 60 ML	SELF LEVELING ADHESIVE SEALANT	1

## Step 1 – Rack Assembly

- Depending on your vehicle, the foot will mount in different slots.
- 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.**
- Have the cup in the foot facing outward as shown.
- Repeat on opposite side.
- **Do NOT tighten.**



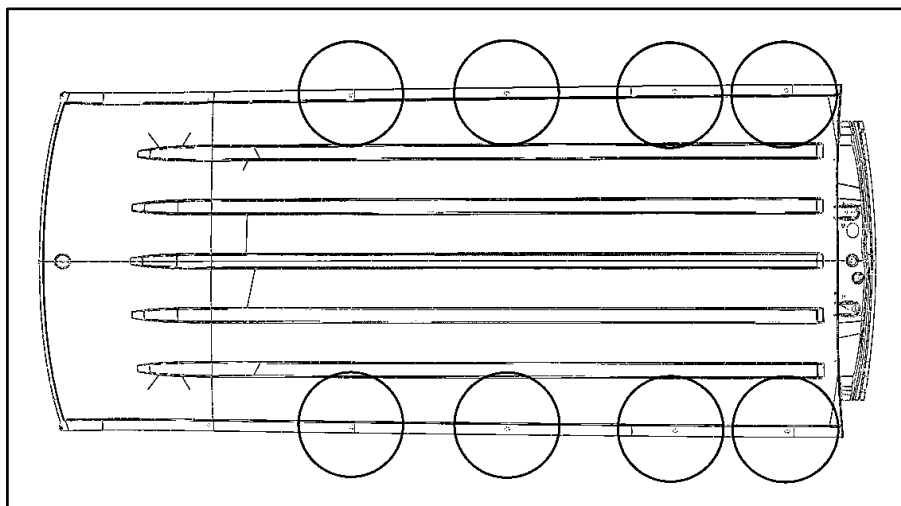
## Installation Instructions

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

## Transit Connect

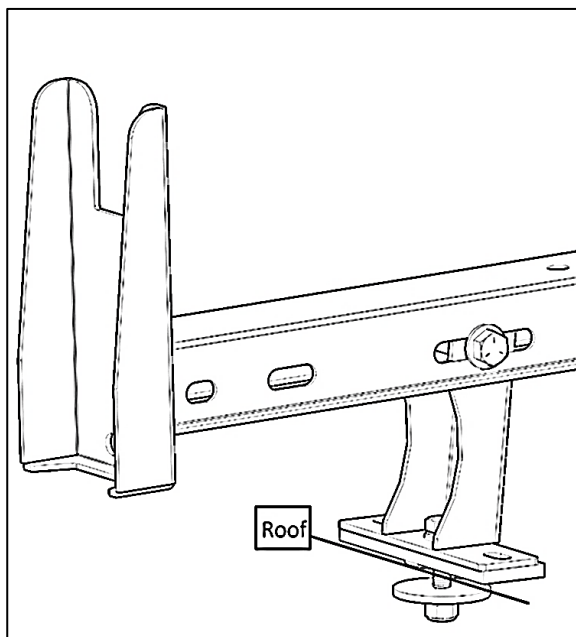
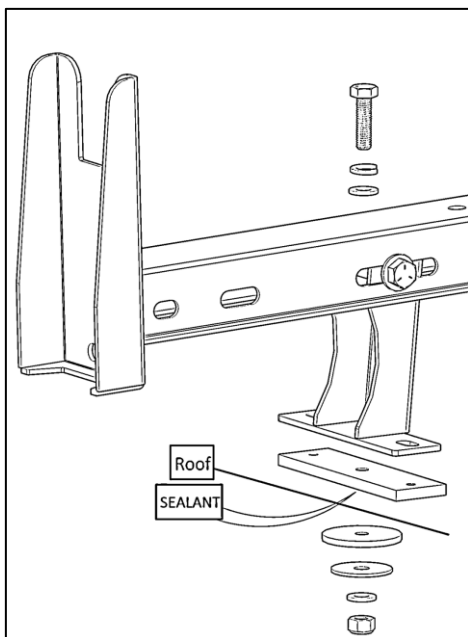
### Step 2

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



### Step 3

- **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.
- 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 spacer, a rubber washer, one 5/16" fender washer, another 5/16" flat washer, and one M8 lock nut, in that order, as shown.
- Repeat on opposite side.



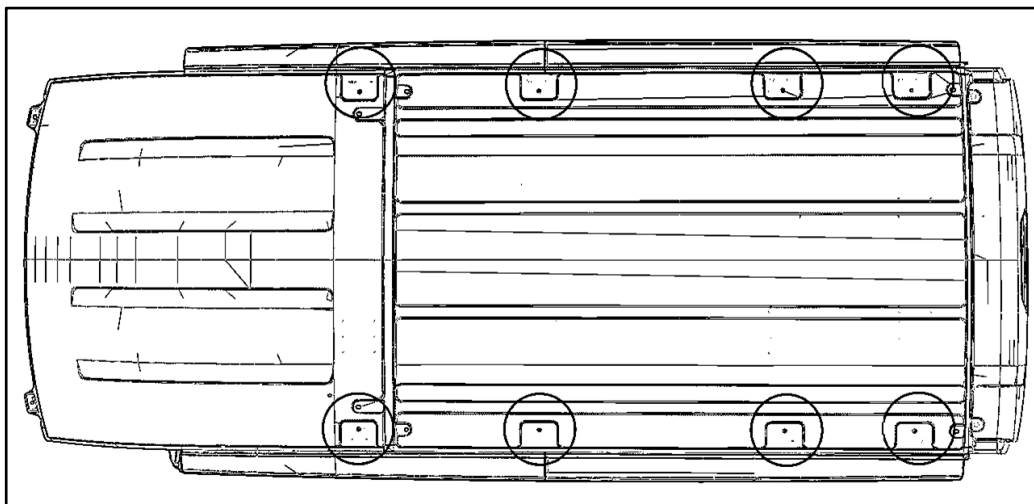
### Step 4

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

## Transit

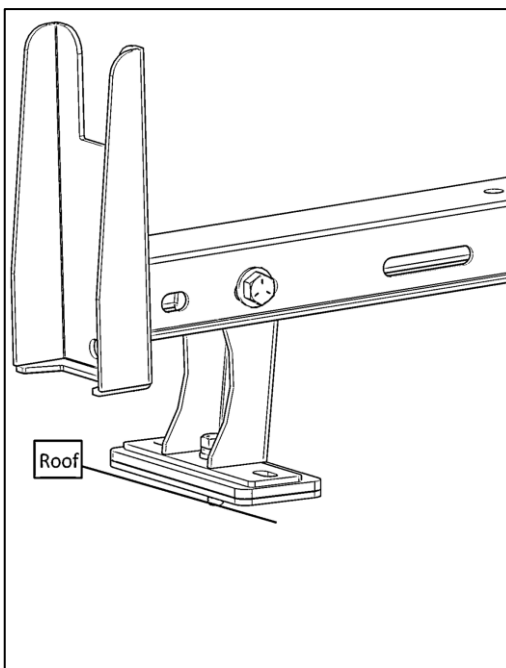
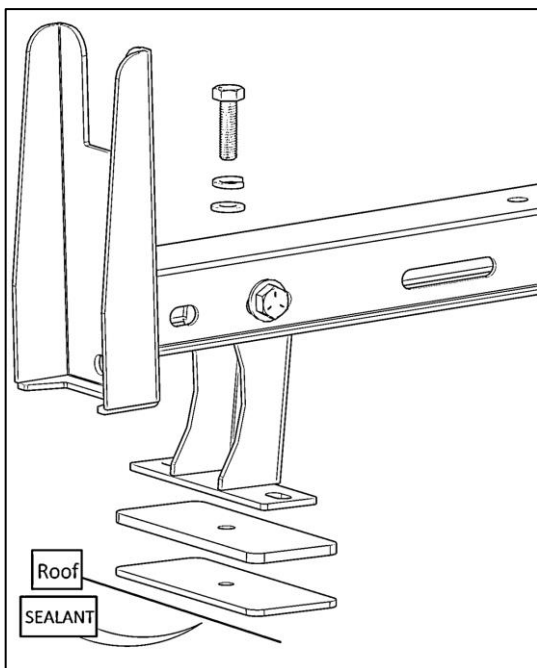
### Step 2

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



### Step 3

- **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.
- Repeat on opposite side.



### Step 4

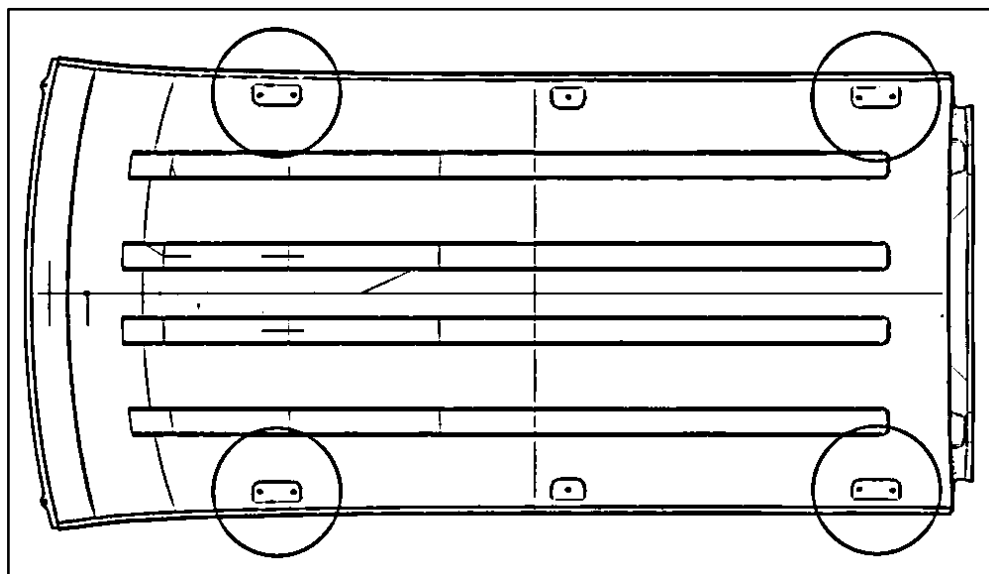
- Go back and tighten all hardware including hardware on the rack itself.



## Promaster City

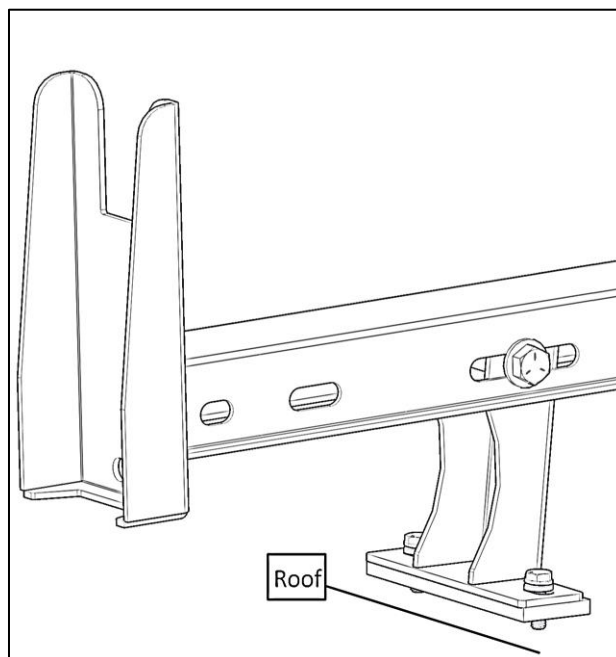
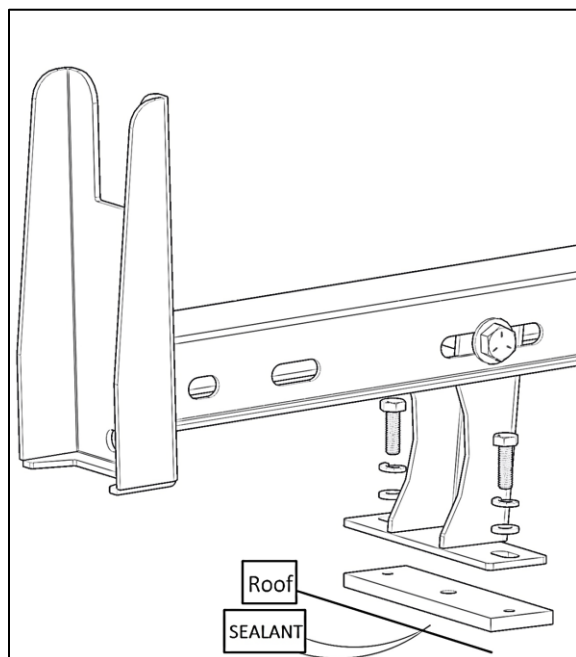
### Step 2

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



### Step 3

- **Be sure to put 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 that order, as shown.
- Repeat on opposite side.



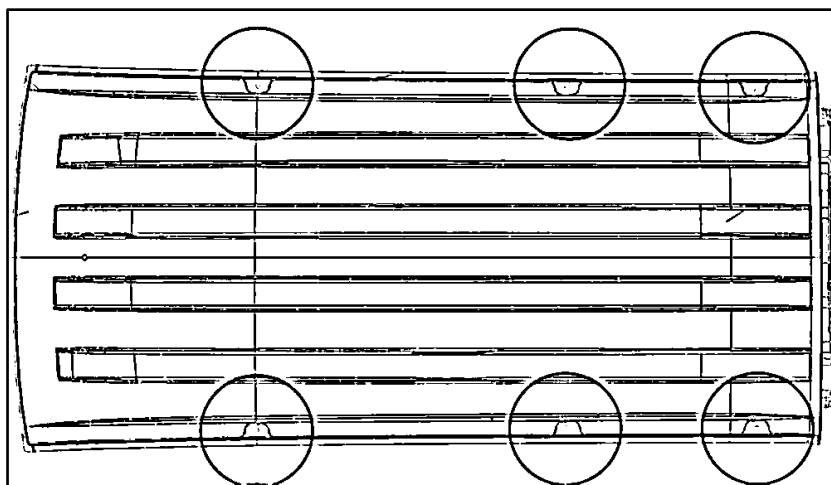
### Step 4

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

## NV200/Chevy City Express

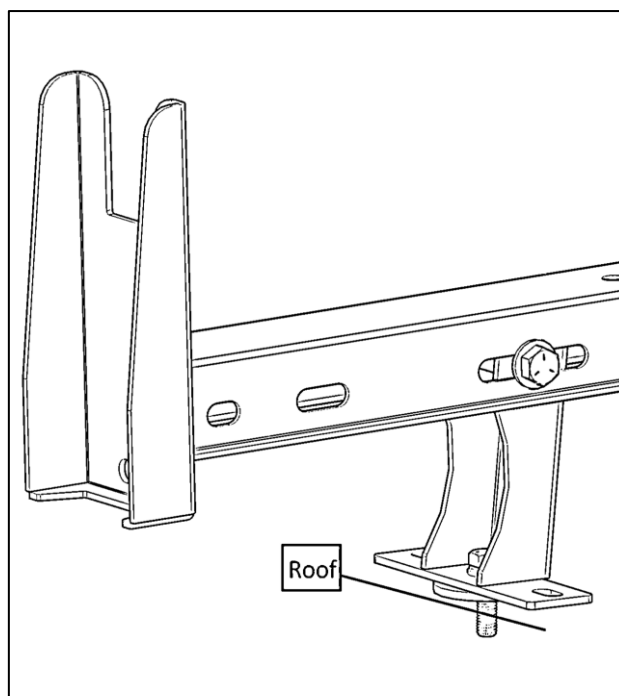
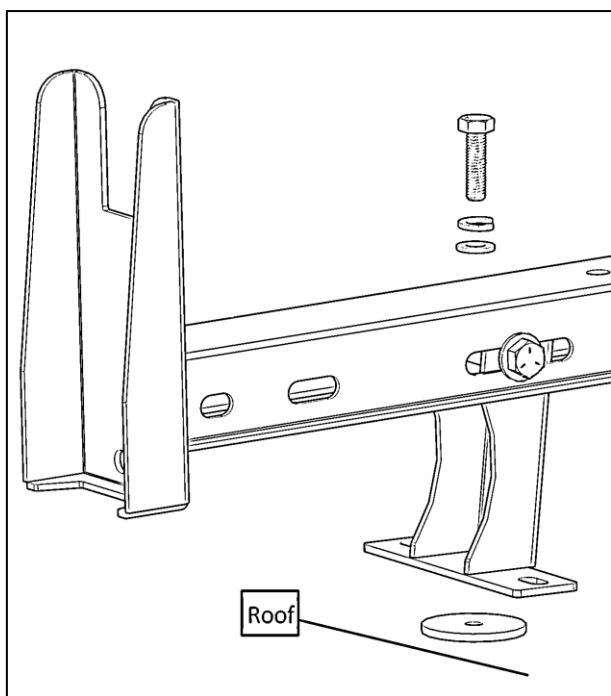
### Step 2

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



### Step 3

- **Be sure to put 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 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, and a rubber washer, in that order, as shown.
- Repeat on opposite side.



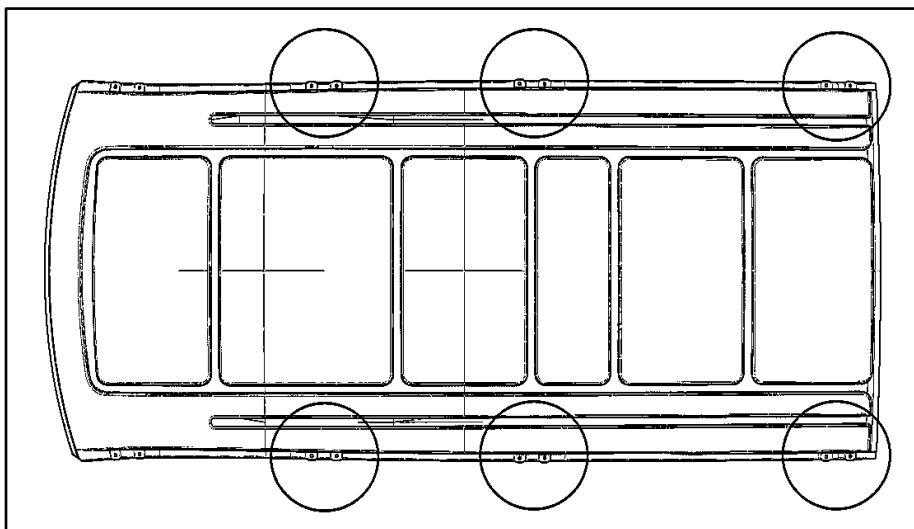
### Step 4

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

## Metris

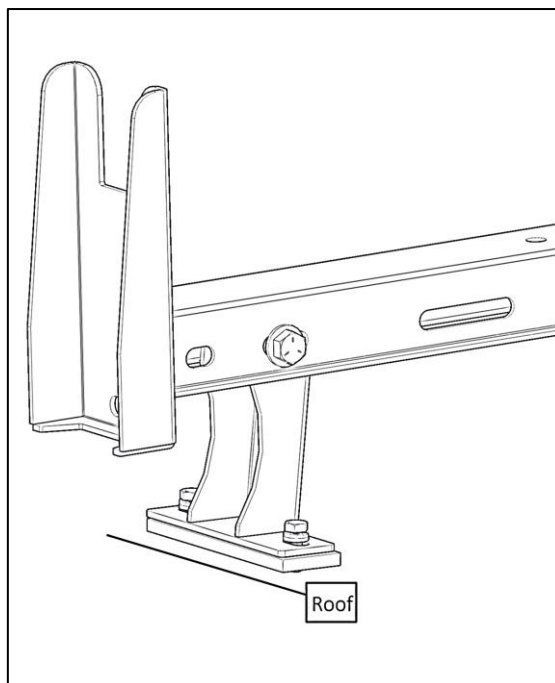
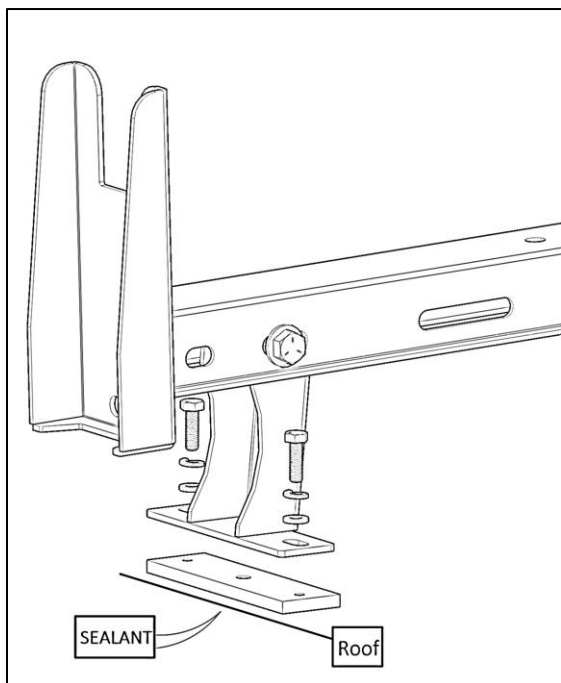
### Step 2

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



### Step 3

- **Be sure to put 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 that order, as shown.
- Repeat on opposite side.



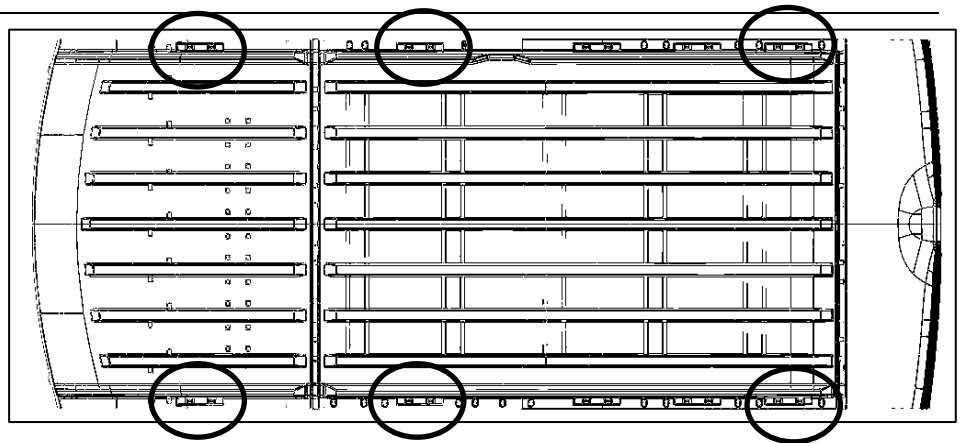
### Step 4

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

## NV

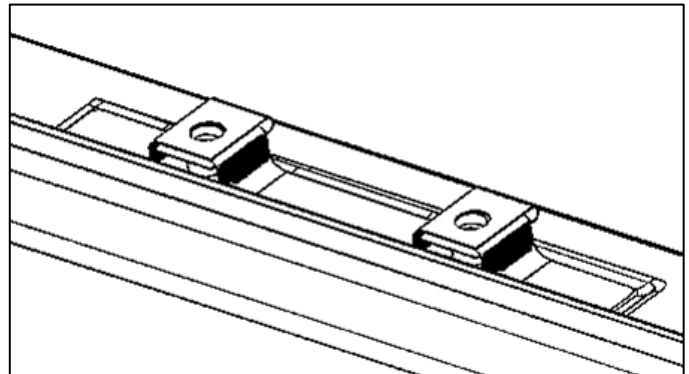
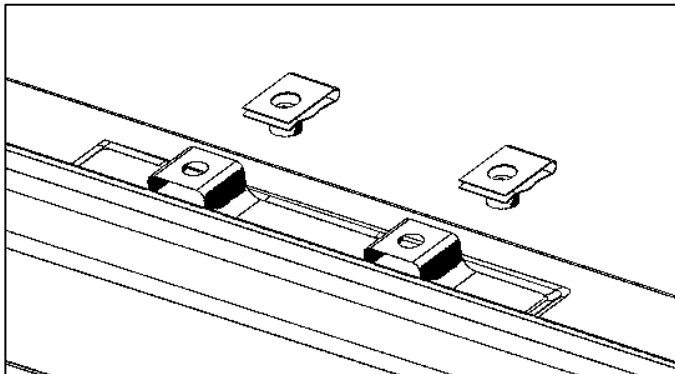
### Step 2

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



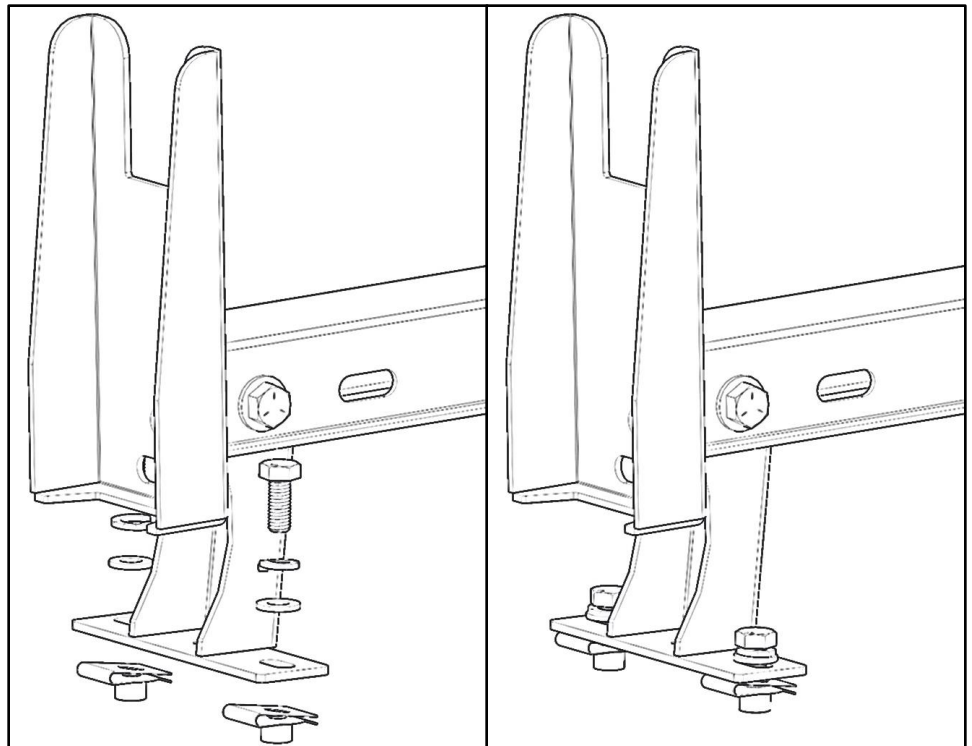
### Step 3

- Install M8 U-nuts as shown.



### Step 4

- 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.
- Repeat on opposite side.



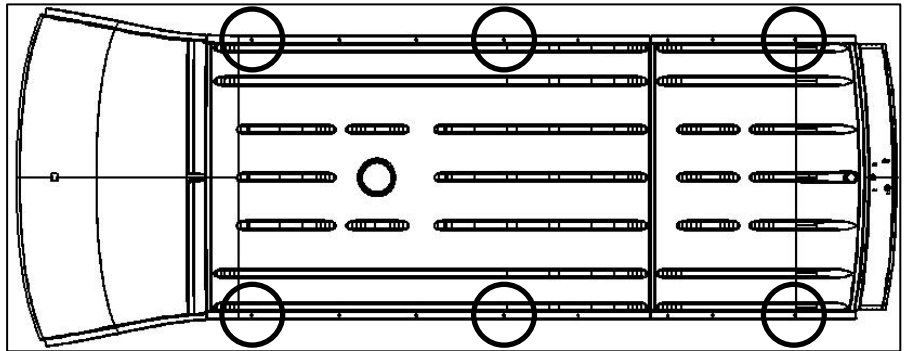
### Step 5

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

## Sprinter

### Step 4

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

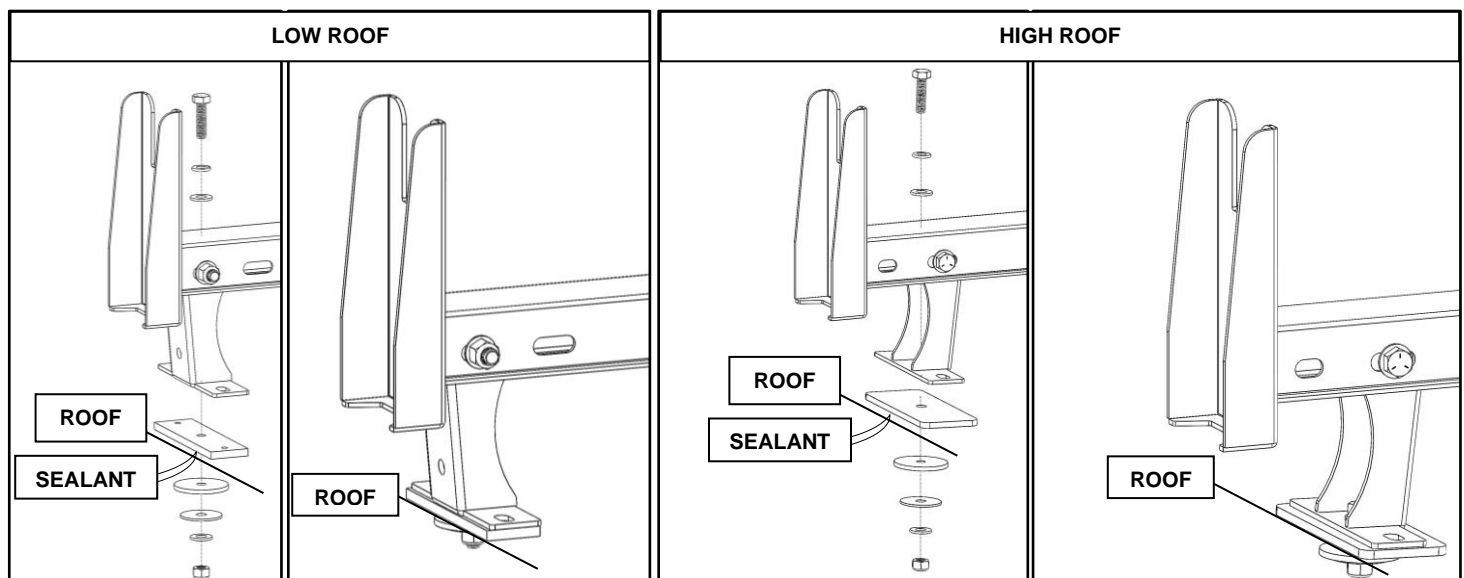


### Step 5

**NOTE:** The low roof sprinter will need the cup in the foot facing inward.

**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 3-hole 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.



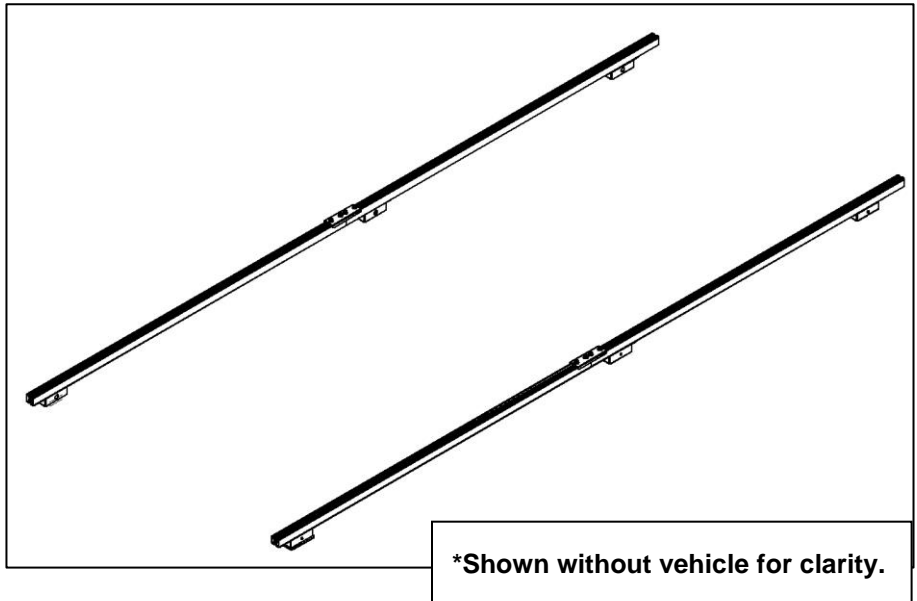
### Step 6

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

## **ProMaster**

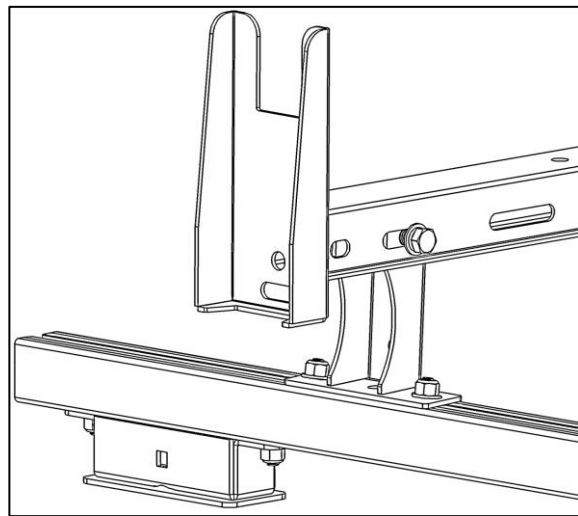
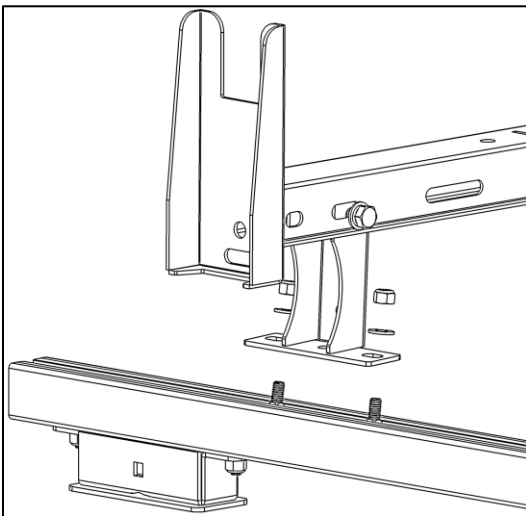
### **Step 4**

- Be sure to have 40918 preinstalled following the included instructions steps 1-3. Then return to this document and install per step 5 below.
- Discard the feet that come with 40918. The feet included in 40821 will be used instead.
- You may need to adjust the location of the 40821 crossbars if already installed.



### **Step 5**

- 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 6**

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

**GO BACK AND TIGHTEN ALL HARDWARE.**

**INSTALLATION AND ASSEMBLY ARE COMPLETE.**

