

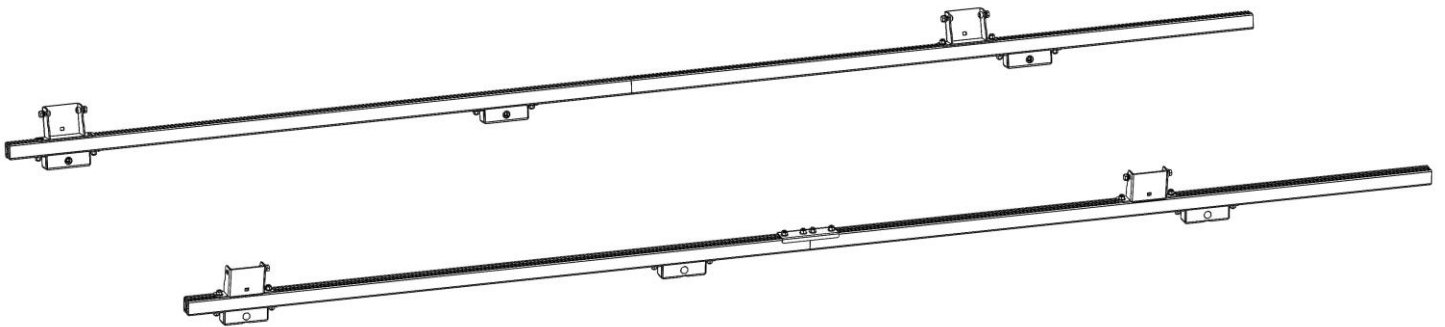


**WE PUT EVERYTHING WITHIN REACH.**

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Instruction Guide  
40918 – ProMaster

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Kargo Master  
Rancho Cordova, CA 95742  
800-343-7486  
CustomerService@KargoMaster.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**

1/2" Socket and Wrench	9/16" Socket and Wrench
Tape Measure	

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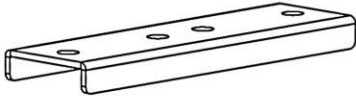
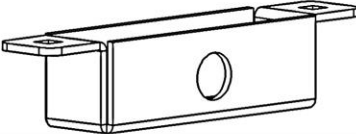
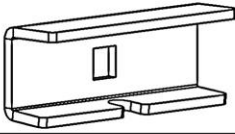
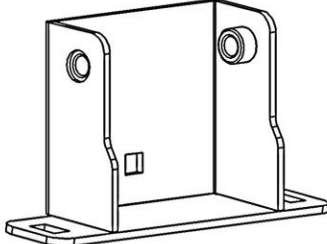
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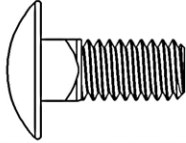
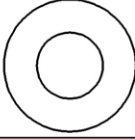


**Before You Begin**

- Read all instructions prior to assembling or installing any Kargo Master product.
- Find your truck cap roof mounting locations prior to rack assembly.
- **The standard distance between the front and rear bow is 71.5". This can vary, but be sure the rack is assembled prior to installing mounts on vehicle.**
- **This is a universal mounting kit. Hardware for different vehicles is included. There will be extra hardware remaining after installation.**

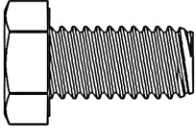
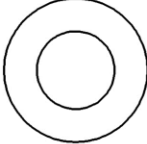
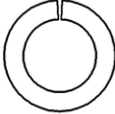
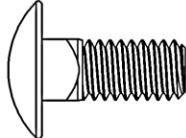
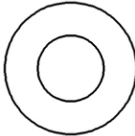

**Parts List**

NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1		40918-00-001	EXTRUSION	4
2		40918-00-006	SPLICE PLATE	2
3		40918-00-003	MOUNT BLOCK	6
4		40918-00-005	PM MOUNT CLIP	6
5		40918-10	COMMERCIAL CAP FOOT ASSEM	4
6		18-40918-FT	FOOT BOLT KIT	1
7		18-40918-SP	SPLICE PLATE BOLT KIT	1
8		18-4A818-T	TRANSIT BOLT KIT	1
9		18-40818-NV	NV BOLT KIT	1
10		18-40818-S	SPRINTER BOLT KIT	1

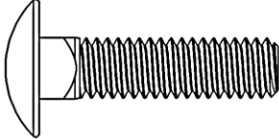
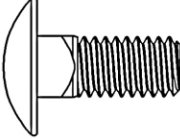
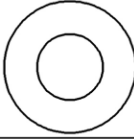
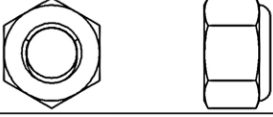
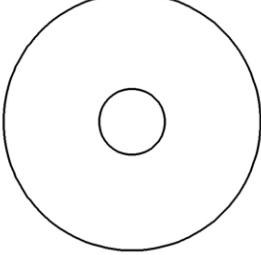
**Hardware – Splice Plate Bolt Kit (18-40918-SP)**

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		21810	5/16"-18 X 3/4" CARRIAGE BOLT	8
2		33080	5/16" WASHER	8
3		0169777	5/16"-18 LOCK NUT	8
4		92620A591	5/16" x 1-1/2" Threaded Stud	2

**Hardware – Foot Bolt Kit (18-40918-FT)**

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		11241196	3/8"-16 X 3/4" HEX HEAD BOLT	8
2		1133082	3/8" WASHER	8
3		1133622	3/8" LOCK WASHER	8
4		21810	5/16"-18 X 3/4" CARRIAGE BOLT	20
5		33080	5/16" WASHER	20
6		0169777	5/16"-18 LOCK NUT	20

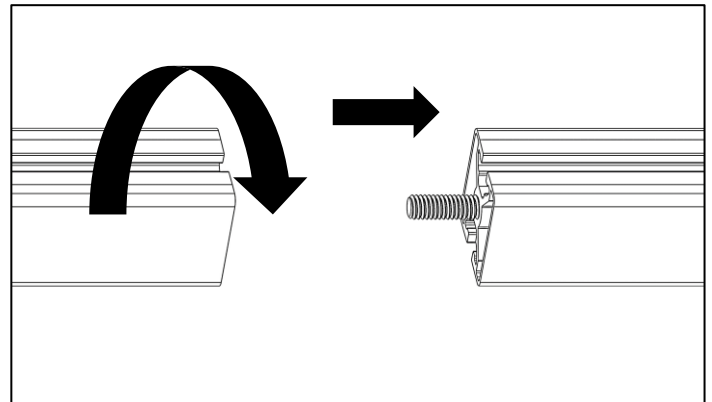
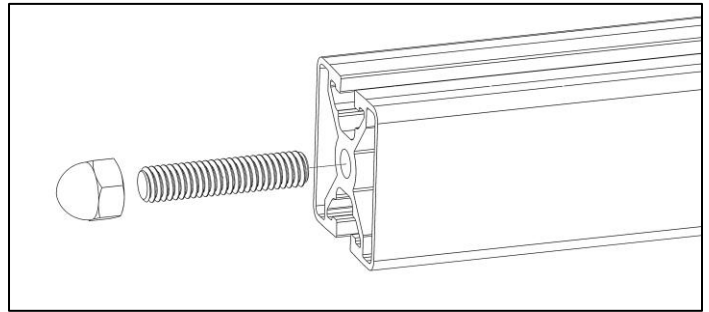
**Hardware – ProMaster / Sprinter Bolt Kit (18-40818-S)**

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		11137256	5/16"-18 X 1-1/4" CARRIAGE BOLT	8
2		21810	5/16"-18 X 3/4" CARRIAGE BOLT	8
3		33080	5/16" WASHER	8
4		0169777	5/16"-18 LOCK NUT	16
5		33216	5/16" FENDER WASHER	8

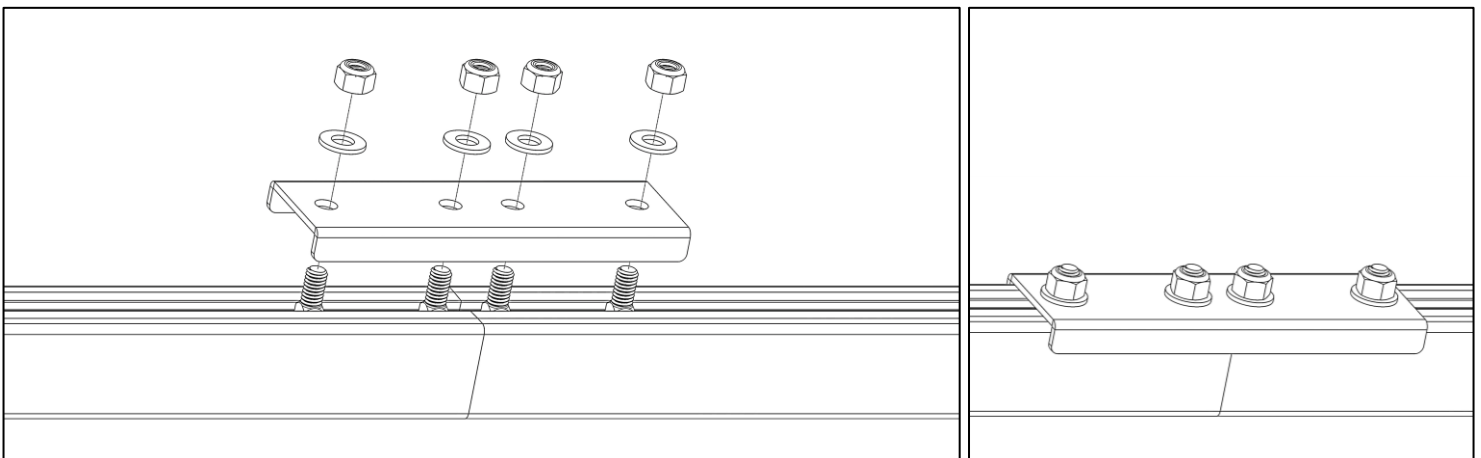
## DO NOT EXCEED MANUFACTURERS WEIGHT CAPACITY FOR ROOF

### Step 1 – Combine Extrusions

- Thread threaded stud into center hole of one end of one extrusion. Using either a cap nut or two nuts on the end of threaded stud will aid in threading the stud into the extrusion.
- Screw the other extrusion onto the other end of threaded stud.

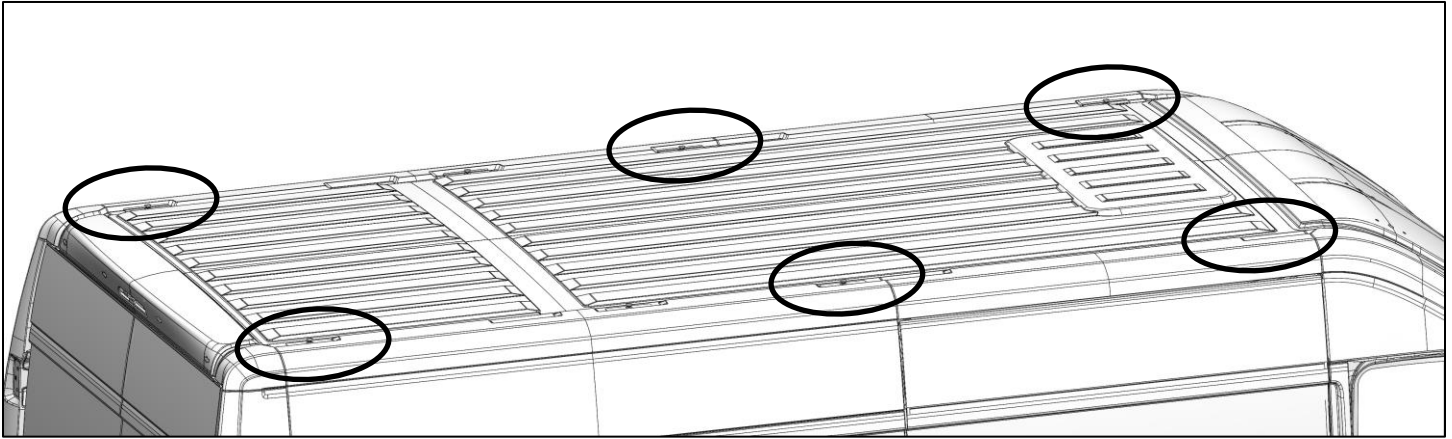


- Slide two 5/16" x 3/4" carriage bolts into the end of each rail.
- Set the splice plate over the four carriage bolts.
- Using four 3/8" washers and four 3/8" lock washers, fasten the splice plate to the extrusions. Be sure the splice plate is centered over the two extrusions.
- Tighten.
- Repeat for other two extrusions.



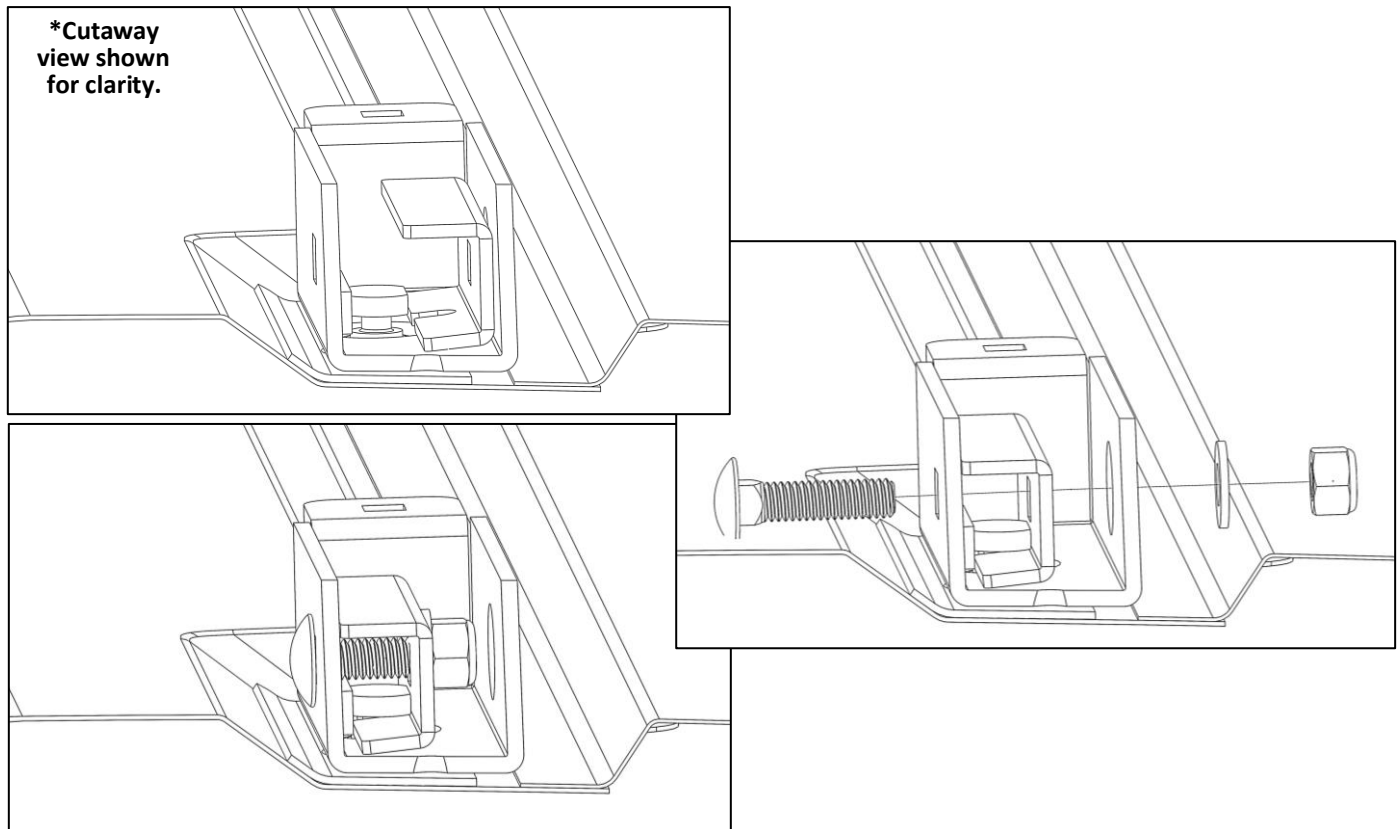
## Step 2 – Find Mount Locations on Roof of Van

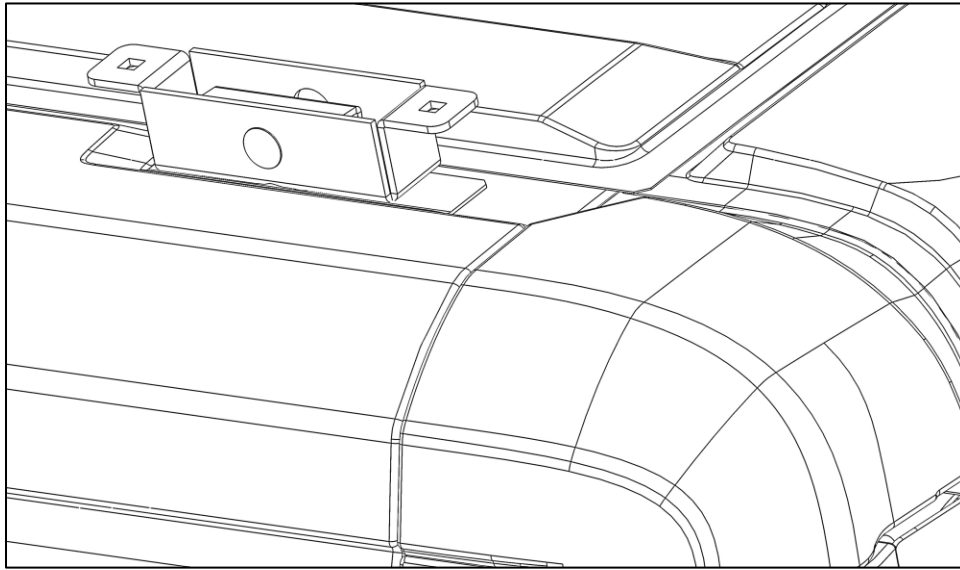
- Locate 6 mounting locations on each side of van. These locations are where the mounting blocks will be installed. This picture shows on a 159" wheel base, high roof van.



## Step 3 – Install Mount Block

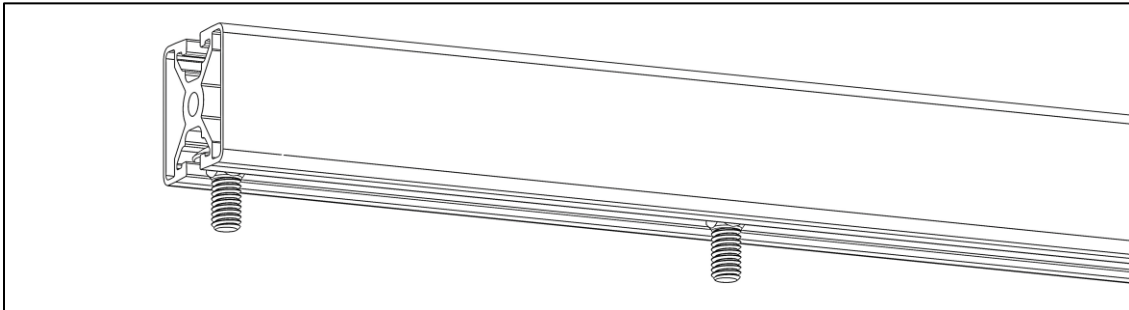
- Set mount block assembly over the T-stud extruding from the top of the roof.
- Insert PM mount clip so that the slot goes under the head of the T-stud to mount tight.
- Bolt through the mount assembly and the mount bracket using a 5/16" x 1-1/4" carriage bolt, a 5/16" flat washer, and a 5/16" lock nut, as shown.
- Snug tighten but allow for movement. **DO NOT OVER TIGHTEN.**
- Repeat for all remaining mounting locations.



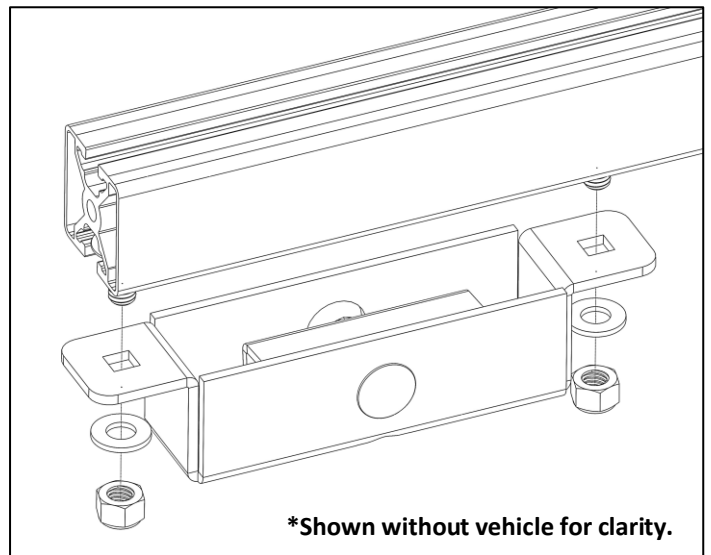


### **Step 4 – Install Extrusion**

- For each mounting block, slide two 5/16" x 3/4" carriage bolts into the bottom slot of the extrusion.



- Set extrusion onto mounting blocks 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.
- Repeat on opposite side.



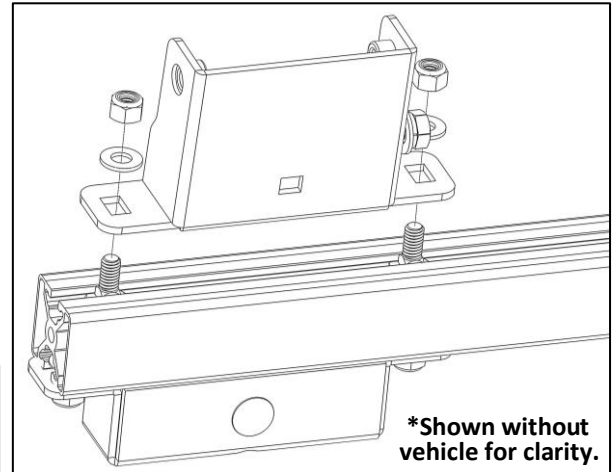
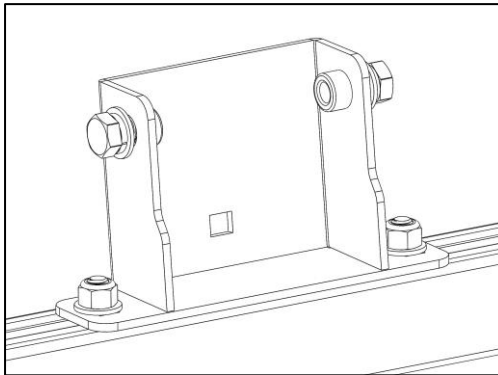


## Step 5 – Install Feet

Depending on the rack to be installed, the feet will be either center-to-center 71-1/2" apart or 96" apart.

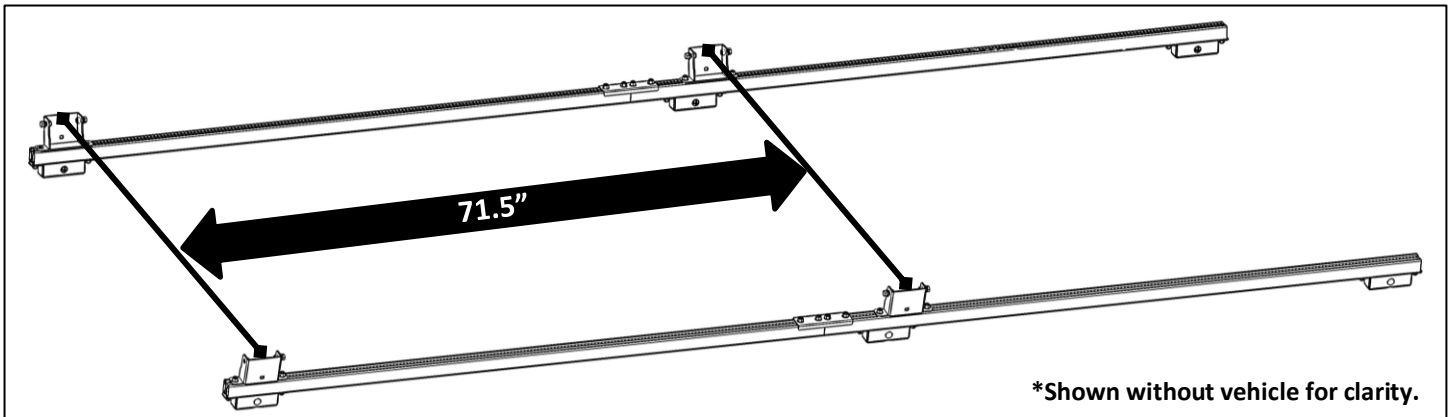
- For each foot, slide two 5/16" x 3/4" carriage bolts into the top slot of the extrusion.
- Set foot onto extrusion aligning carriage bolts with mounting blocks.
- Using two 5/16" washers and 5/16" lock nuts, bolt extrusion to mounting blocks.
- Snug tighten but allow for movement.
- Repeat on opposite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

**NOTE:** In some vehicles, it may be necessary to flip the foot with the cup opening outward.



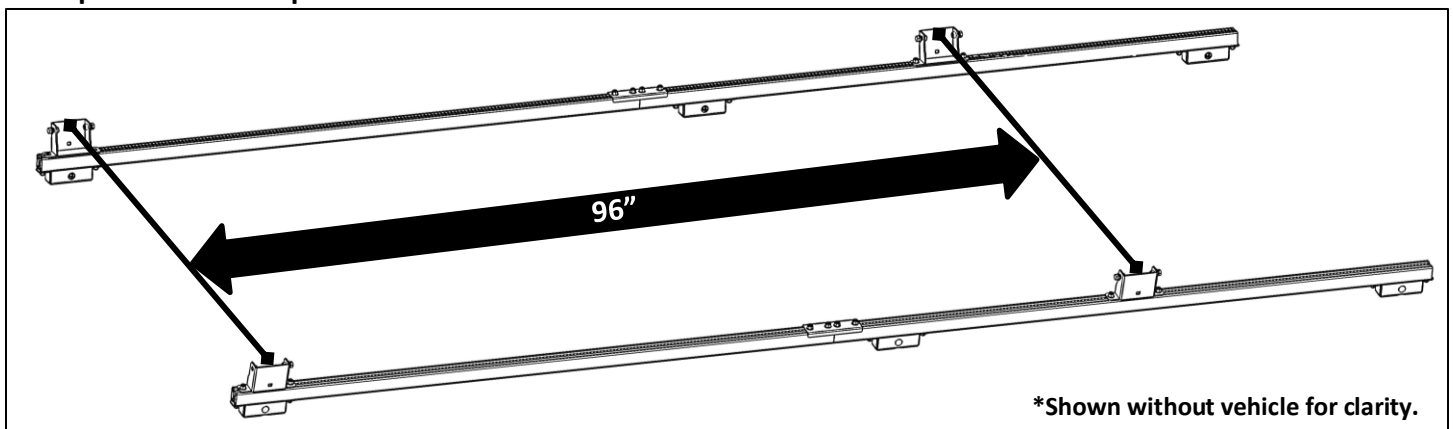
\*Shown without vehicle for clarity.

Example of feet 71-1/2" apart.



\*Shown without vehicle for clarity.

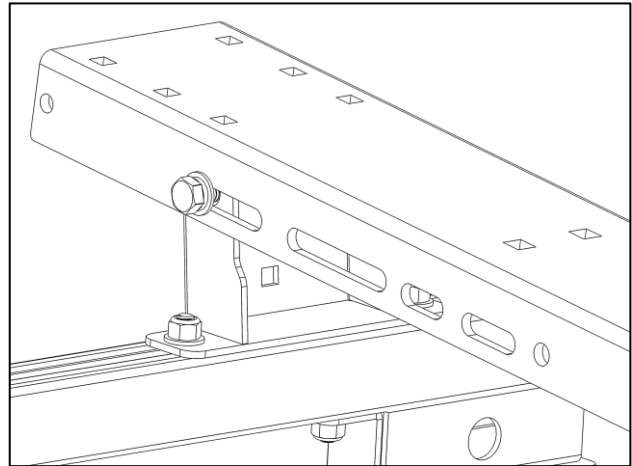
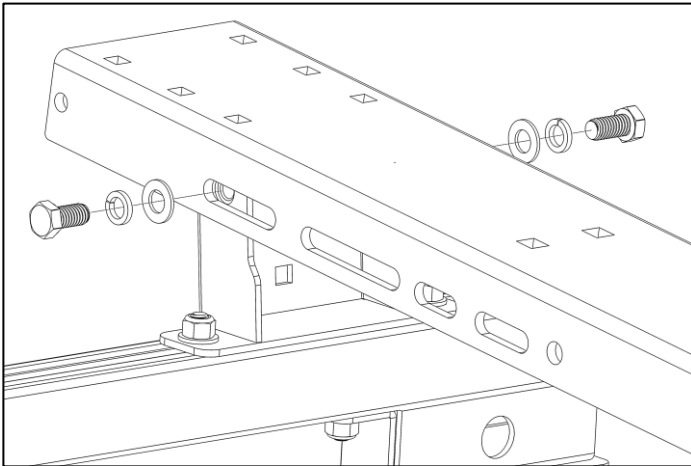
Example of feet 96" apart.



\*Shown without vehicle for clarity.

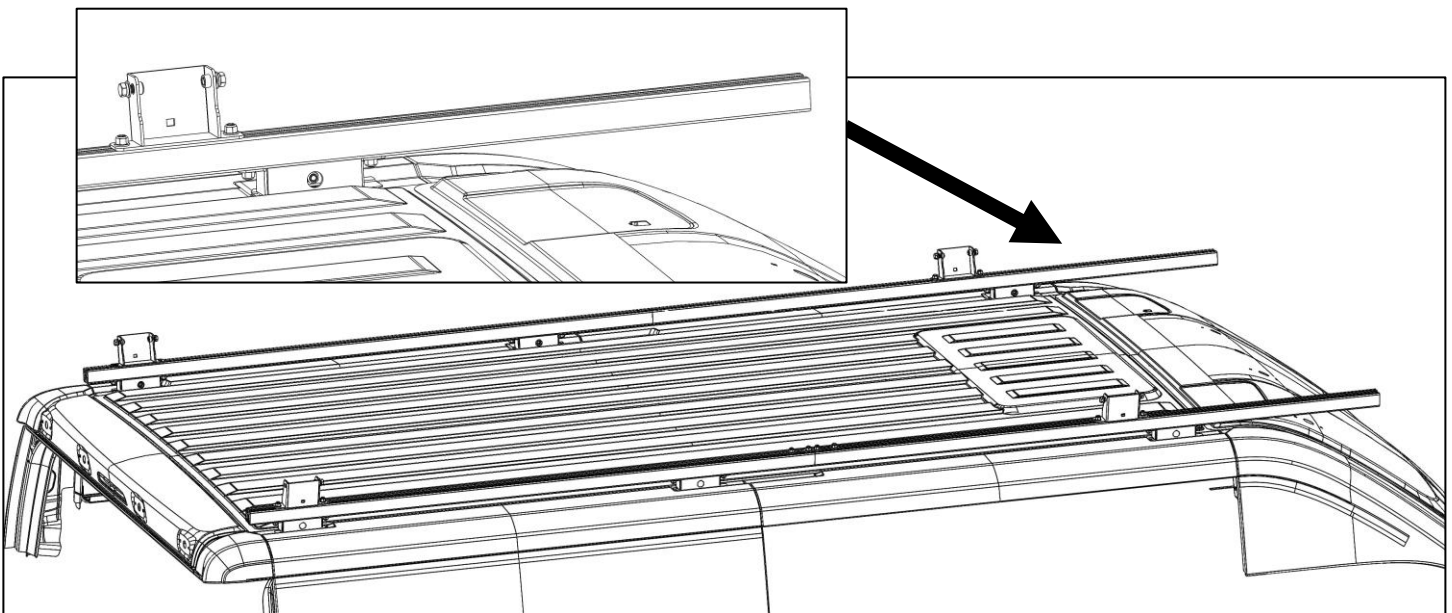
### **Step 6 – Mount Feet to Rack**

- **The hardware for installation of rack to feet is included with this kit.**
- Follow the rack installation instructions to mount rack to feet.
- Attach rack to feet using the two 3/8" x 3/4" hex head bolts, two 3/8" lock washers, and two 3/8" flat washers provided.



### **Step 7 – Adjust Rail Length**

- For ProMaster 136" wheelbase vehicles, it may be desirable to cut off a length of the rail. It is best to determine desired length after installation and placement of feet at the distance apart required by the rack to be installed.



**GO BACK AND TIGHTEN ALL HARDWARE.**

**DO NOT OVERTIGHTEN nuts securing PM mount clips to T-studs.**

**INSTALLATION AND ASSEMBLY ARE COMPLETE.**