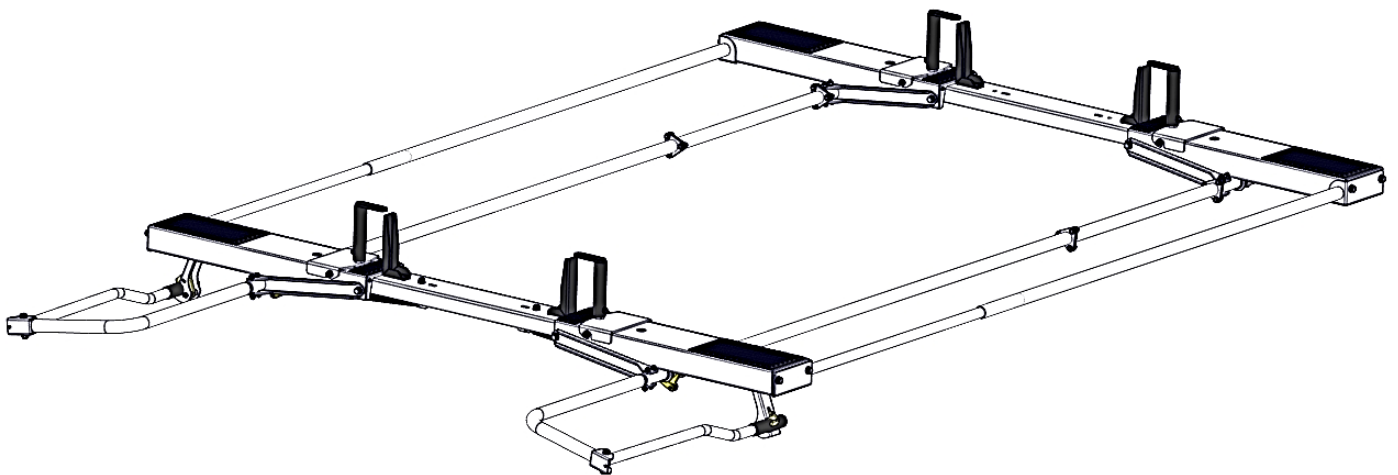


Holman

Installation Guide

4A95L



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.

Tools Needed

7/16" Wrench and Socket	3/8" Wrench and Socket
1/2" Wrench and Socket	9/16" Wrench and Socket
Tape Measure	

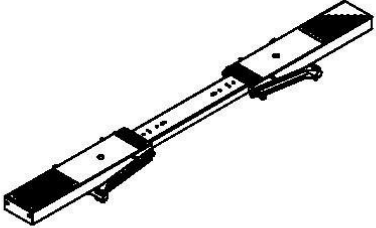
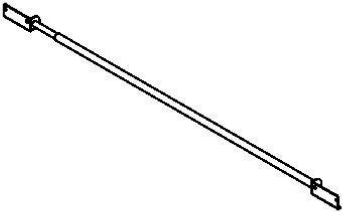
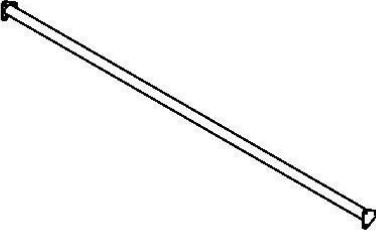

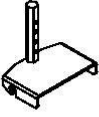
Table of Contents

Parts List	2-3
Hardware List	4
Step 1 Determine Bows	5
Step 2 Pan Mount	6
Step 3 Determine if EXT is needed	6
Step 4 Install Torque Tube	7
Step 5 Install Cross Tube	8
Step 6 Install Latch	9
Step 7 Install Handle	10
Step 8 Install Ladder Stops	11
Step 9 Assemble Ladder Hooks	12
Step 10 Install Ladder Hooks	12

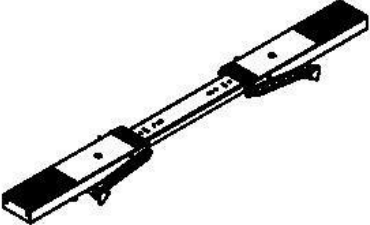
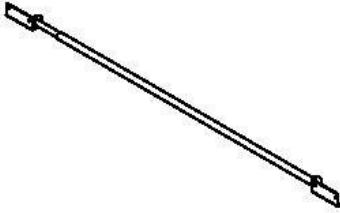
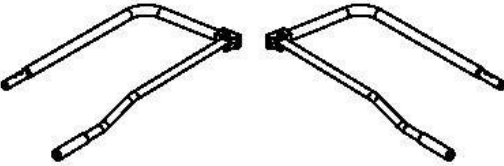

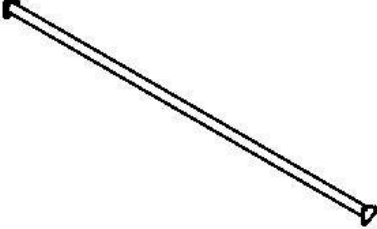

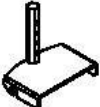


Before You Begin

- Read all instructions.
- Have mount kit installed on vehicle.
- **NEVER EXCEED MANUFACTURERS ROOF WEIGHT RATING.**
- Place BH-821 around all tube connections to ensure water does not get inside of rack.

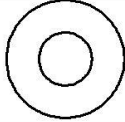
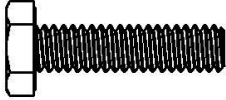

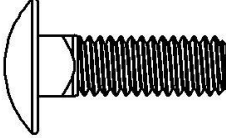

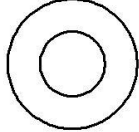
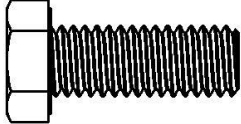
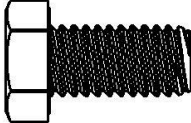
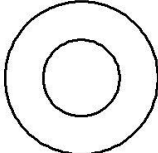
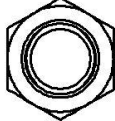
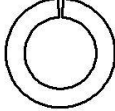
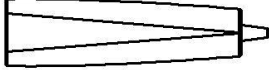
Parts

PART	PART NO.	QTY
	4A95L-2	1
	4A93L-7	1
	4A93L-50	1
	4A900-35	4
	4A900-36	2

Parts (Continued)

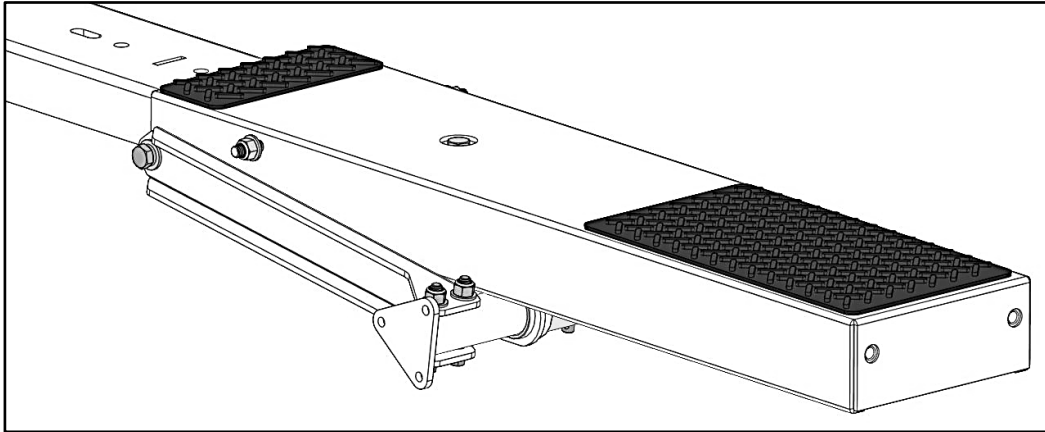
PART	PART NO.	QTY
	4A95L-1	1
	4A93L-7	1
	4A93L-70 4A93L-71	2
	4A93L-51	2
	4A93L-50	1
	4A93L-44-R1	2
	4A900-36	2
	4A900-30-004 -R3	4
	HARDWARE	1

HARDWARE

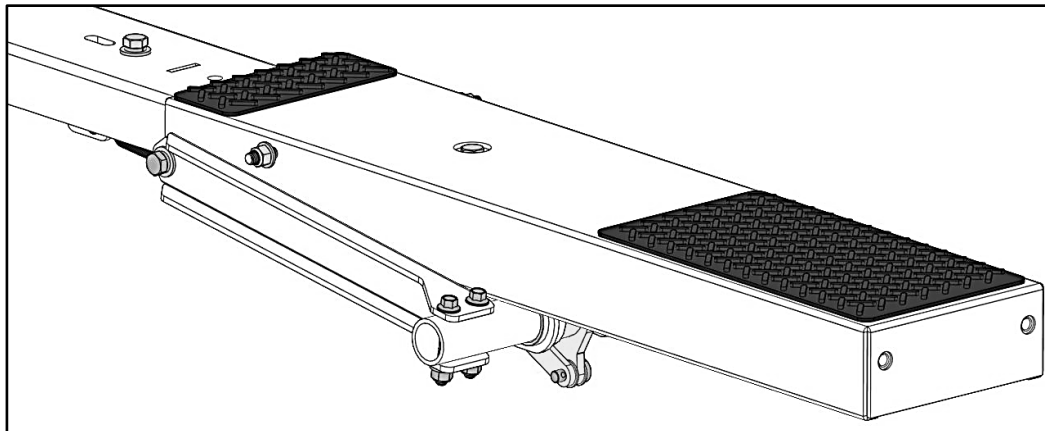
ITEM NO.	TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		90126A029	WASHER, FLAT, 1/4"	40
2		92865A542	BOLT, HEX, 1/4-20 x 1"	22
3		95615A120	NUT, NYLOK, 1/4-20	18
4		90185A583	BOLT, CARRIAGE, 5/16-18 X 1	4
5		95615A160	NUT, NYLOC, 5/16-18	4
6		90126A030	WASHER, FLAT, 5/16, SAE	4
7		92865A624	BOLT, HEX, 3/8-16 X 1"	2
8		92865A622	BOLT, HEX, 3/8-16 X .75"	8
9		90126A031	WASHER, FLAT, 3/8, SAE	12
10		97135A230	NUT, HEX, NYLOK, 3/8-16	2
11		91102A760	WASHER, LOCK, 3/8	8
12		BH-821	SEALANT	1

Step 1 – Determine Bows

- Determine front and rear bow. The triangular piece should be facing each other on each bow.



Front Bow

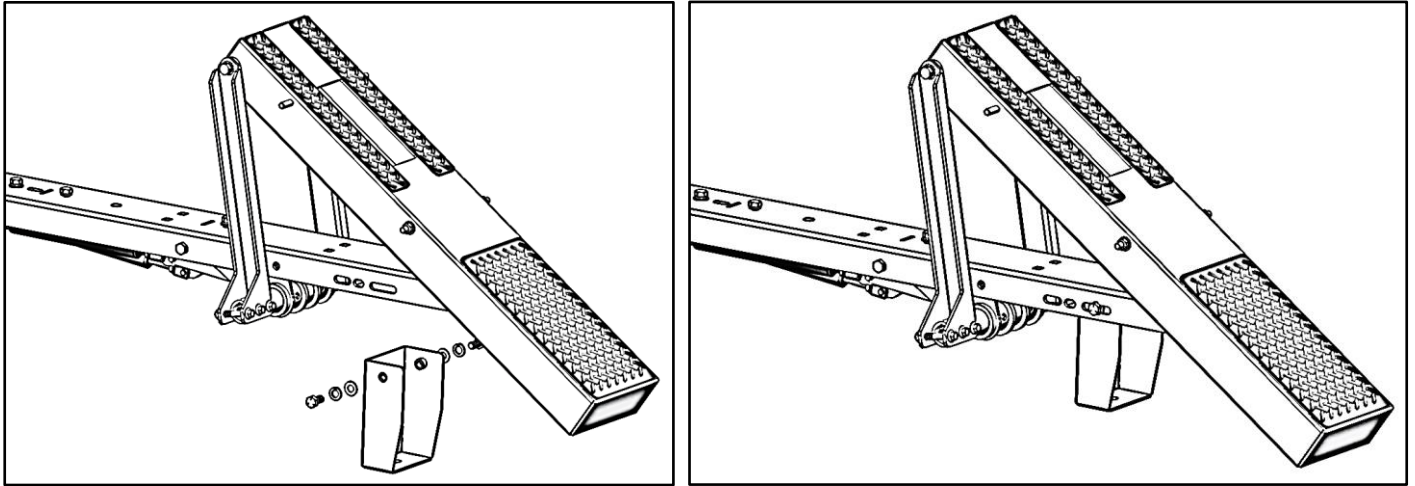


Rear Bow

Step 2 – Pan Mount

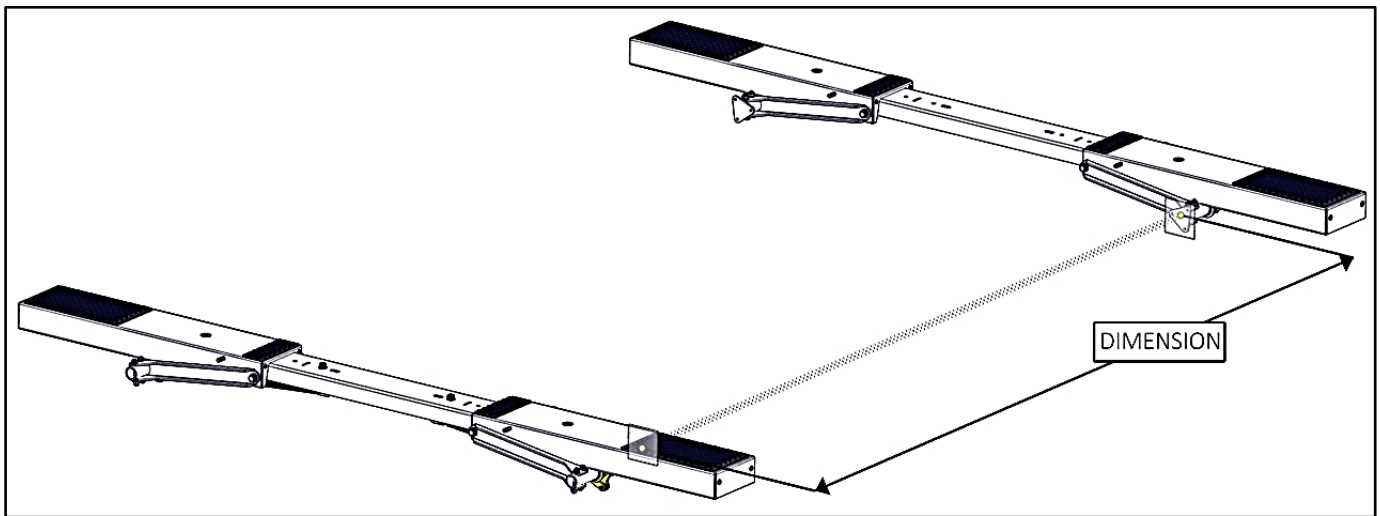
- Be sure mount kit is installed on vehicle.
- Set front and rear bow asm on mounting feet as shown.
- Place a foam block from the packaging to hold the bow in the up position in order to access the mounting slots.
- Leave loose until the the rack is assembled.
- Repeat on both ends of bow.

Feet and bow design varies from rack to rack. The installation is the same.



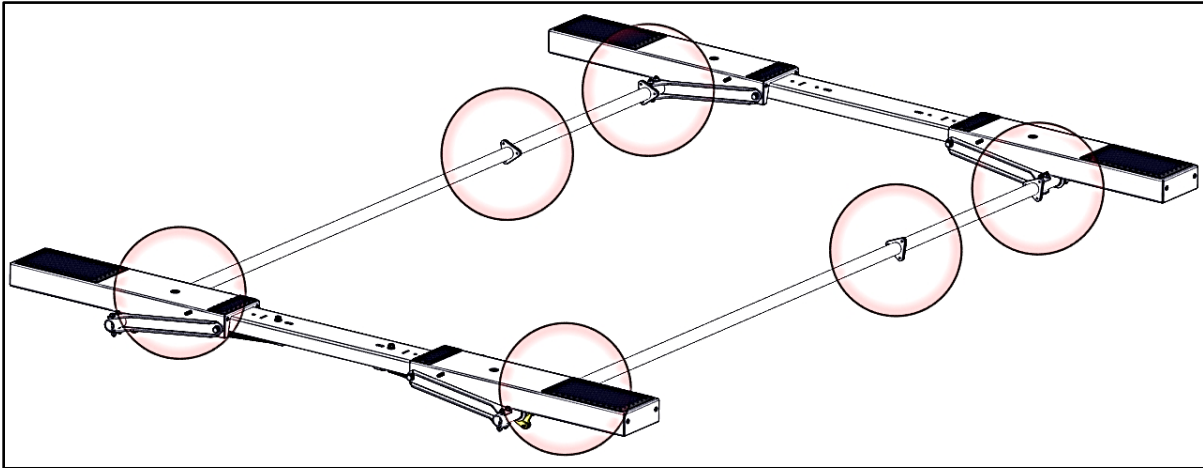
Step 3 – Determine if Extension is Needed

- Measure between the two bows as shown. If distance is approximately 84.5", the extension will be needed.
- If the distance between the two bows is approximately 60", the EXT piece is **not** needed.

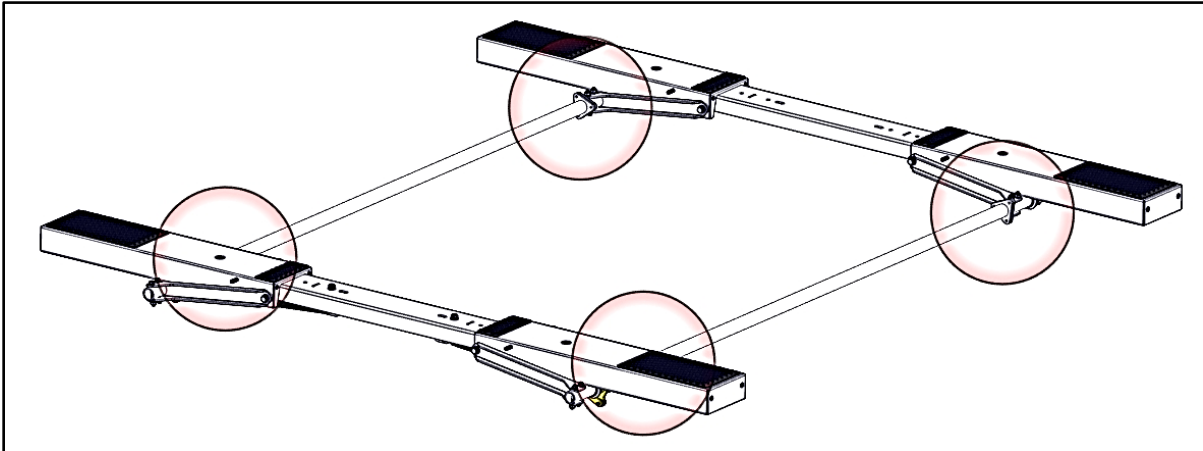


Step 4 – Install Torque Tube

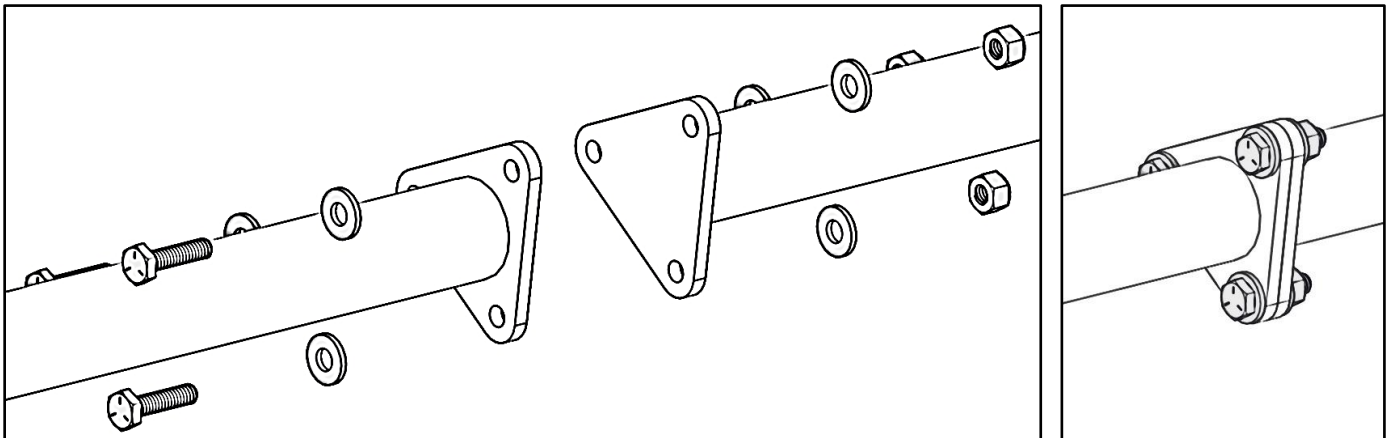
- If EXT is needed, Assemble EXT to long torque tube.



- If EXT is not needed, Only use long torque tube.

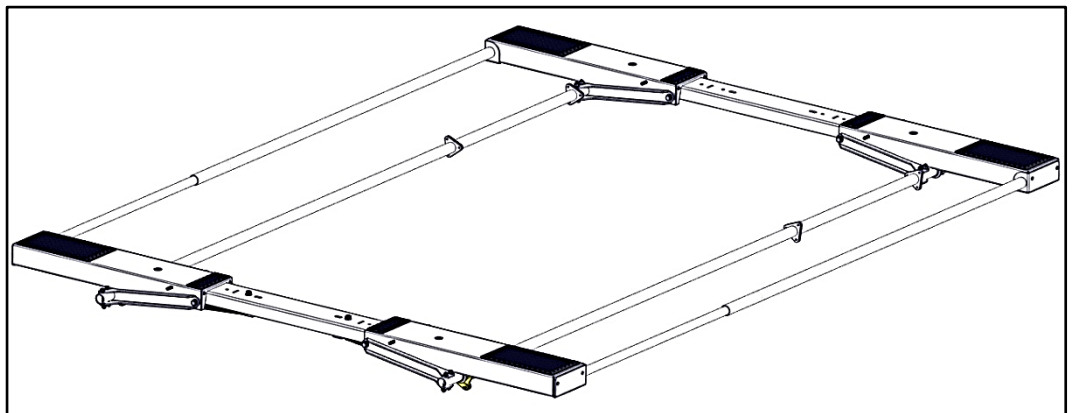
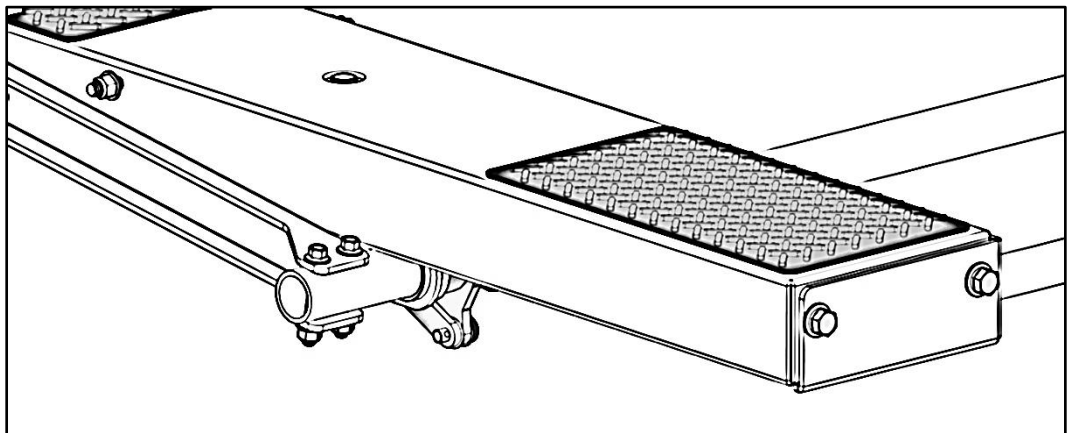
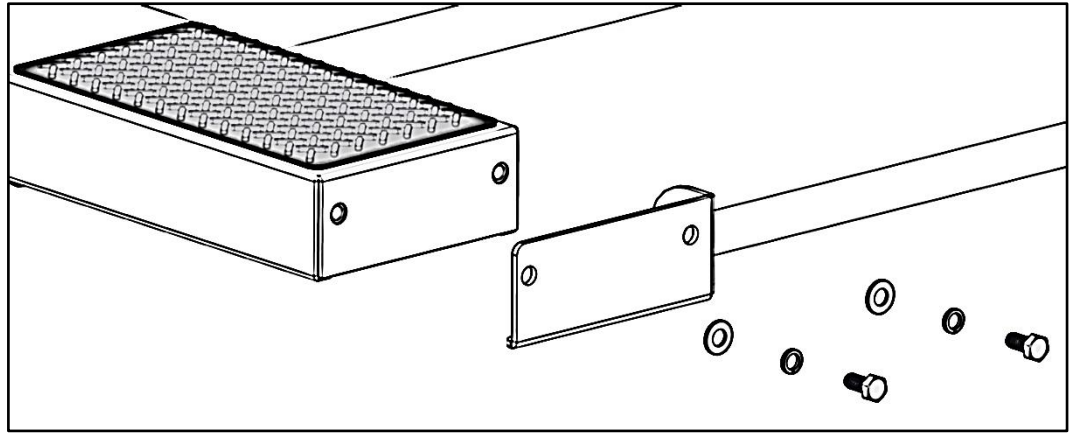
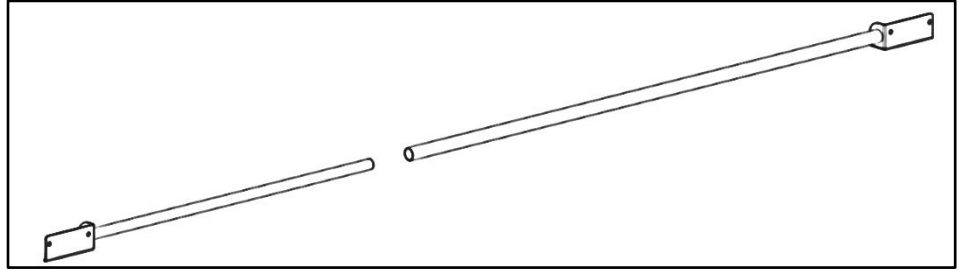


- Bolt torque tube to front and rear bow using 1/4"-20 x 1" Hex Head bolt, two 1/4" flat washers and 1/4" nyloc nut at each location.



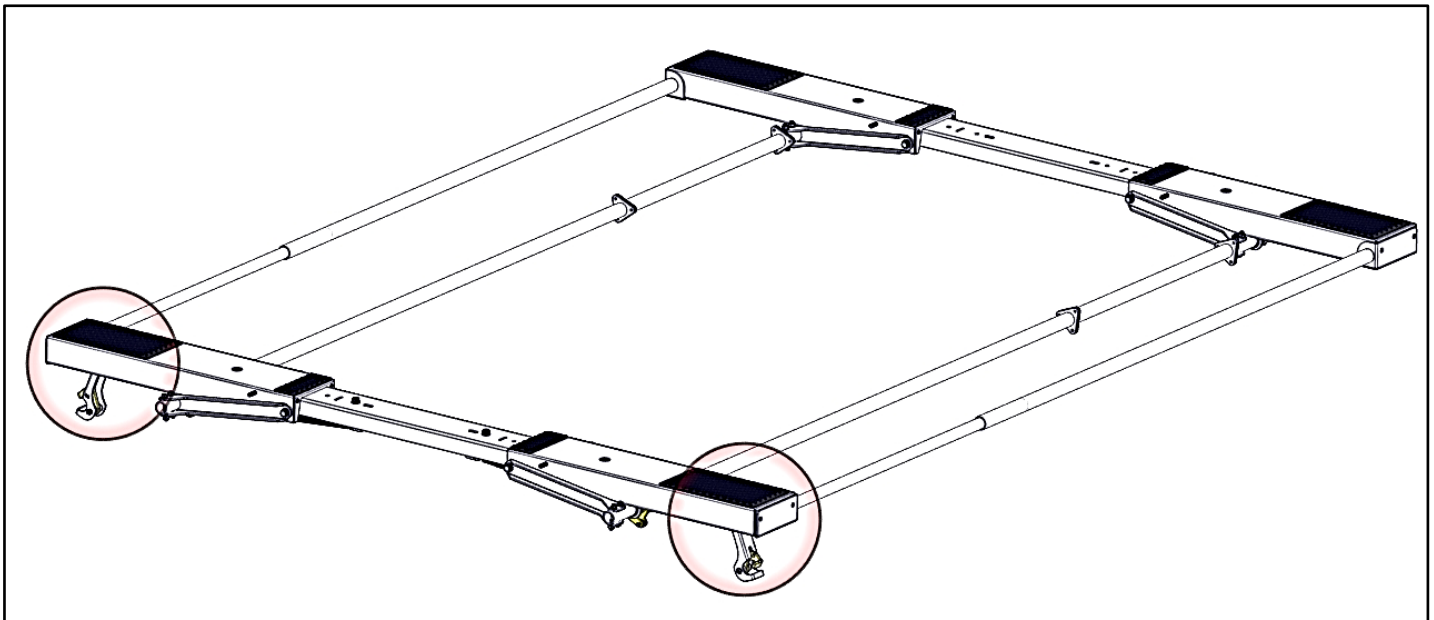
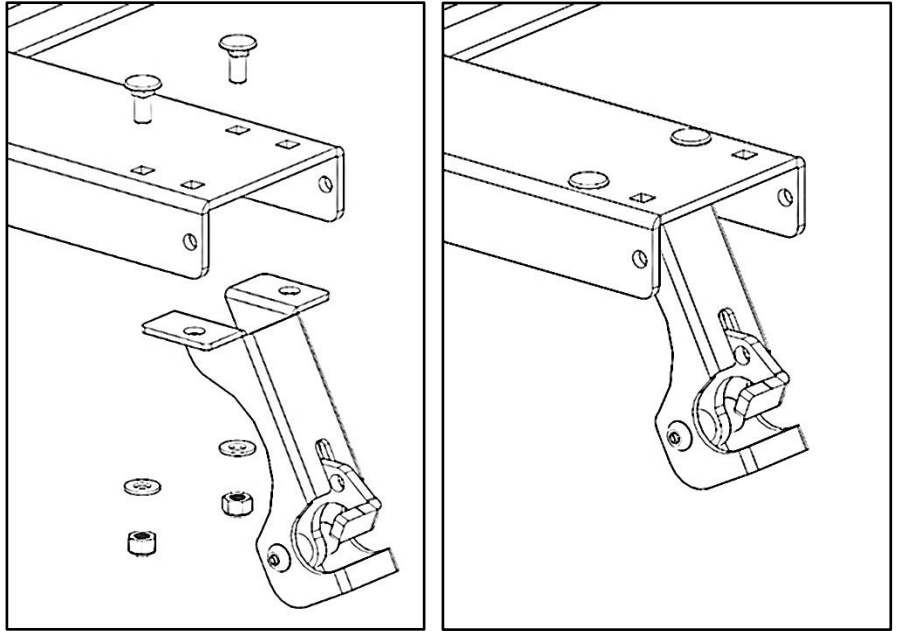
Step 5 – Install Cross Tube

- Insert crosstube as shown. Bolt to the end of both pans using 3/8" x 3/4" Hex Head bolts, 3/8" flat washers and 3/8" nyloc nuts.
- Repeat at front and rear on the ends of both bows.
- BE SURE TO USE THE 3/4" long bolts.
- TIGHTEN.



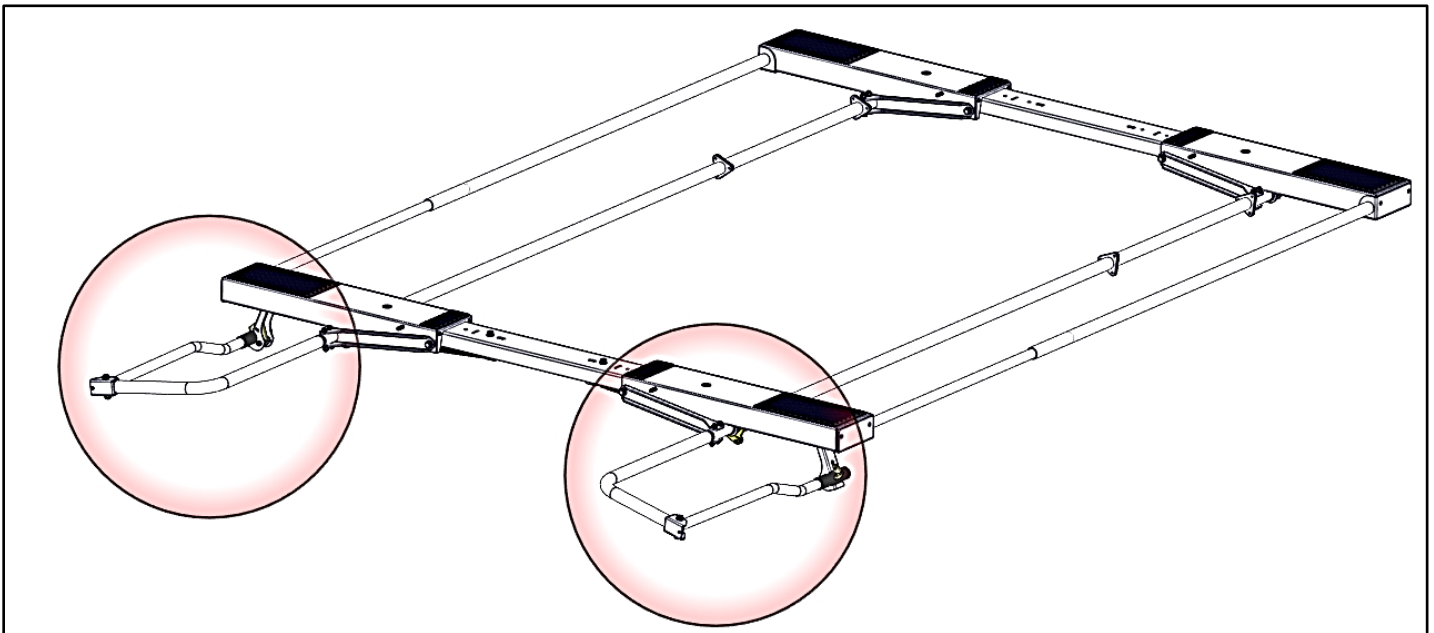
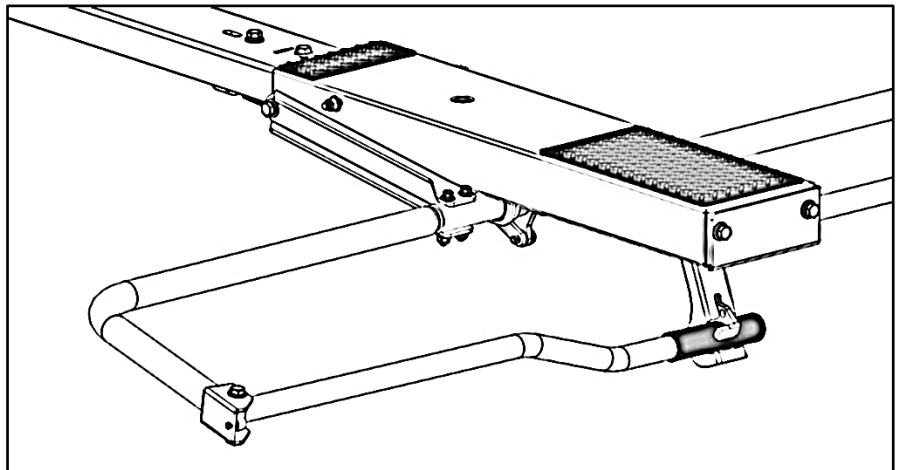
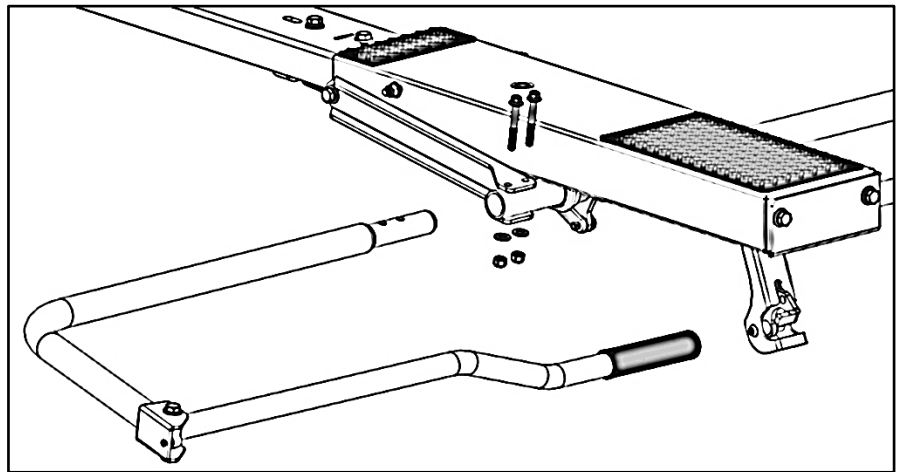
Step 6 – Install Latch

- Move rear pan assembly out of the way to expose the end of the crossmember.
- Bolt latch assembly to end of crossmember using 5/16" x 1" carriage bolts, 5/16" flat washers and 5/16" nyloc nuts.
- Shown without pan for clarity.
- Repeat on both ends of rear bow.
- TIGHTEN.



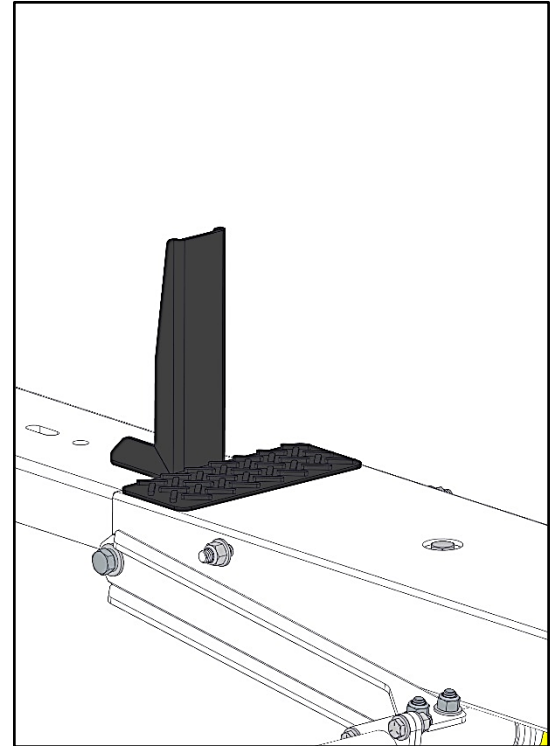
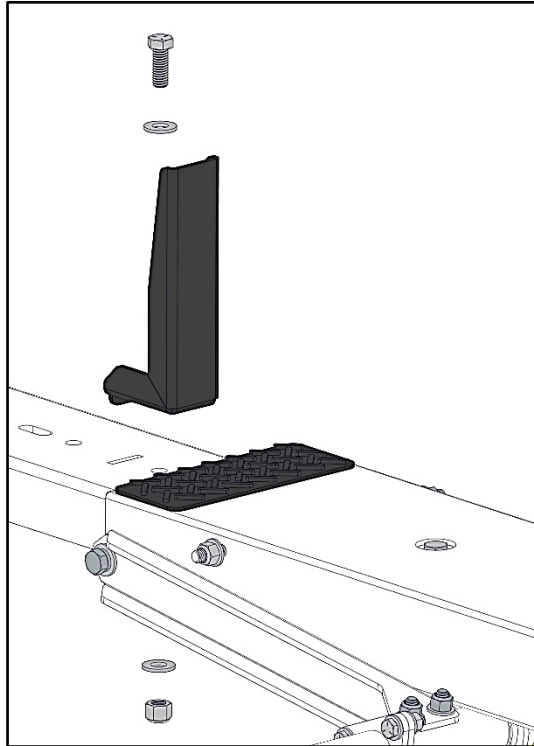
Step 7 – Install Handle

- Place handle in orientation shown. Attach handle to the rear pan using existing 5/16" hardware.
- Repeat at both ends of rear bow.
- Place BH-821 around tube connection.
- TIGHTEN.

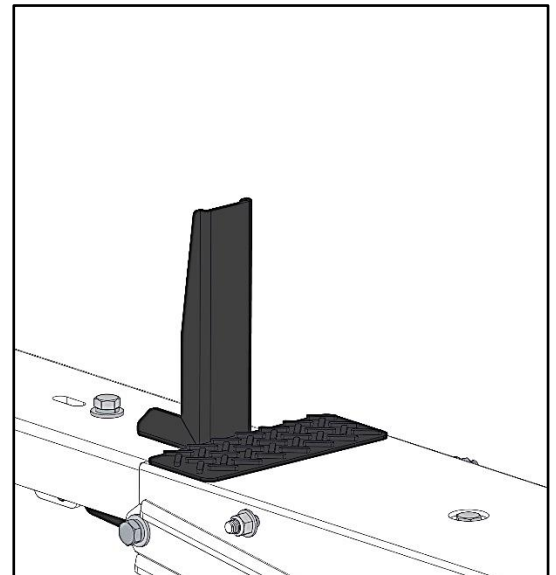
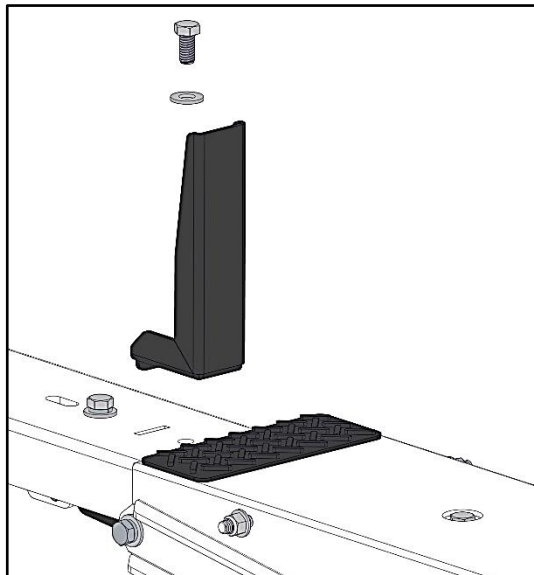


Step 8 – Ladder Stop

- Attach ladder stop to both front and rear bow. Be sure the flange of the ladder stop is aligned with the cut out in the bows.
- In the front bow, bolt in place using 3/8" x 1" hex head bolt, two 3/8" flat washers and a 3/8" nyloc nut.

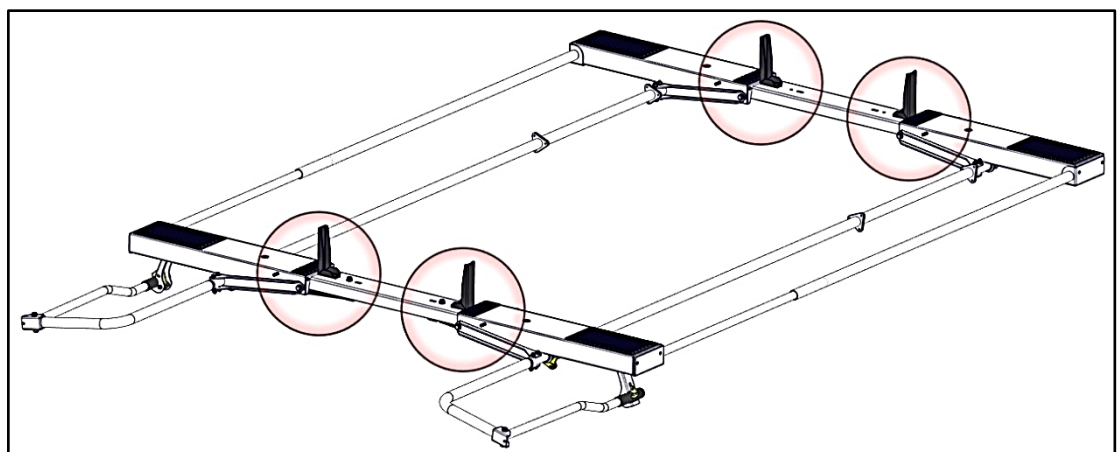


- In the rear bow, bolt in place using 3/8" x 1" hex head bolt and a 3/8" flat washer.



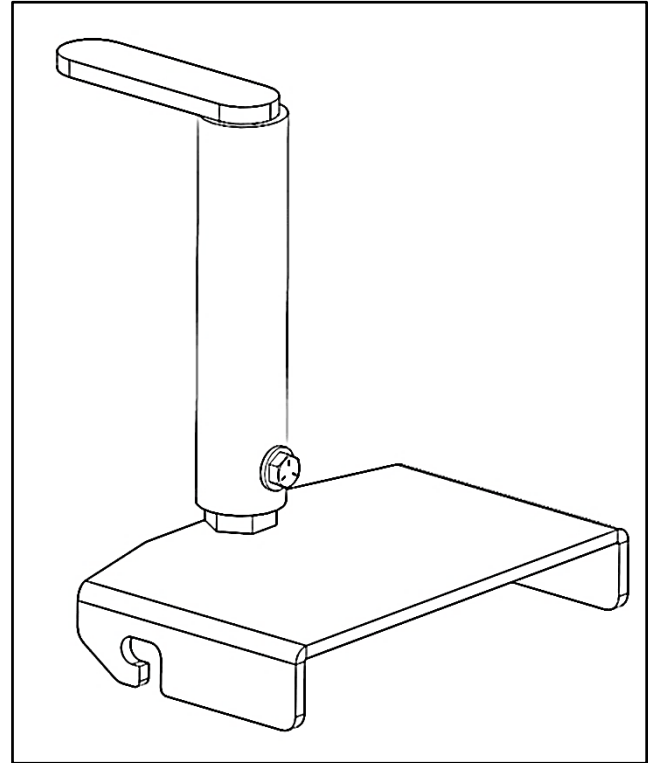
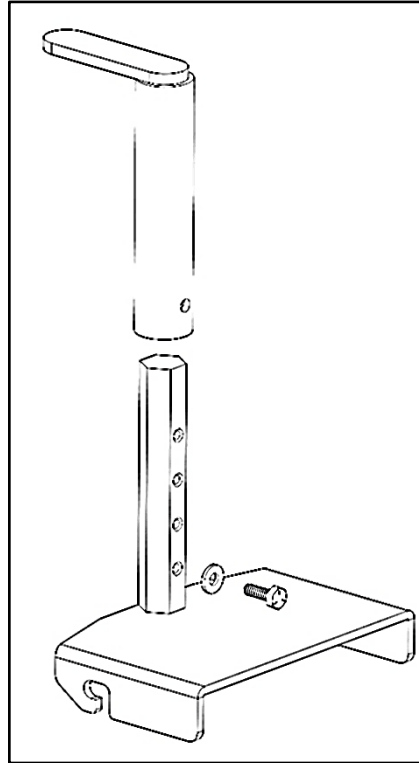
Be sure to use the longer of the 3/8" hex head bolts

- Repeat at both sides of each bow.
- TIGHTEN



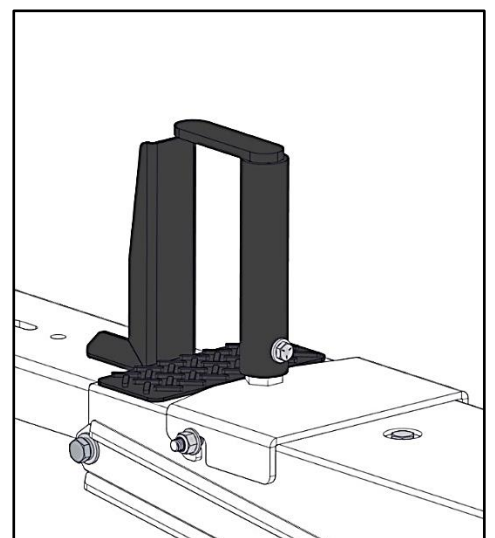
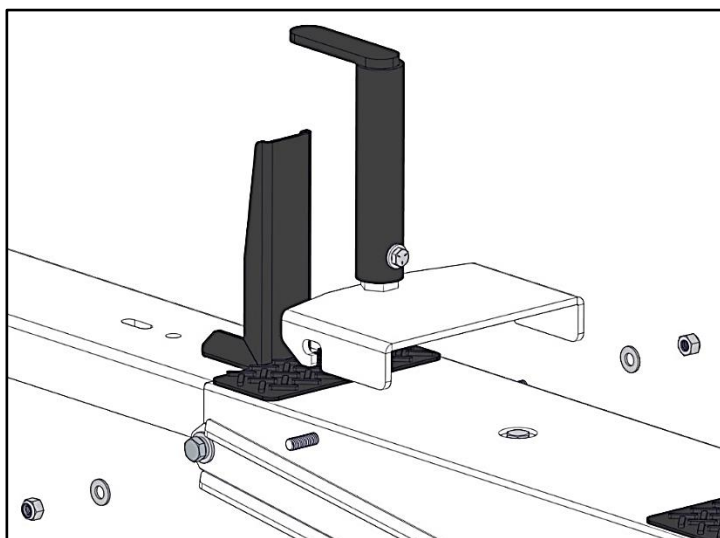
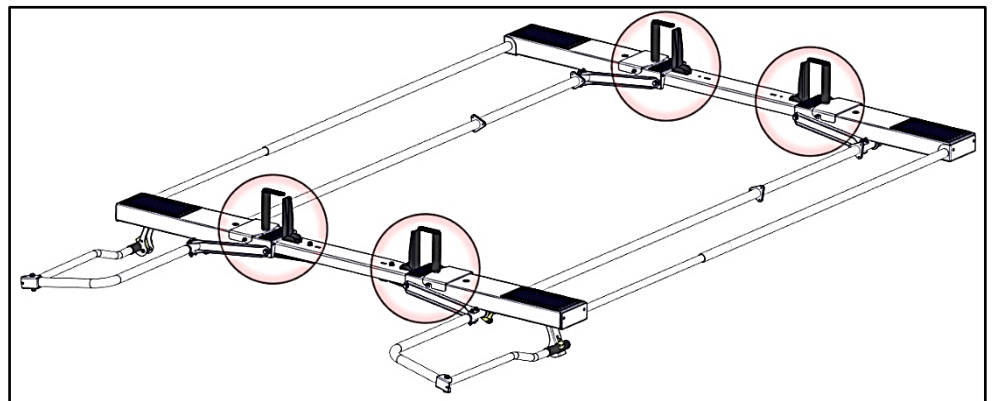
Step 9 – Assemble Ladder Hooks

- Bolt ladder hook ASM to ladder hook weldment as shown.
- Use 1/4" x 1" hex head and 1/4" flat washer. This can be adjusted later.
- TIGHTEN.



Step 10 – Install Ladder Hooks

- Using the hardware and installed pem studs on both bows, loosen nuts and slide ladder hook assembly into place.
- TIGHTEN.



GO BACK AND TIGHTEN ALL BOLTS FROM PREVIOUS STEPS, BE SURE
HARDWARE IN MOUNTING IS TIGHT.

YOUR INSTALLATION IS NOW COMPLETE.

