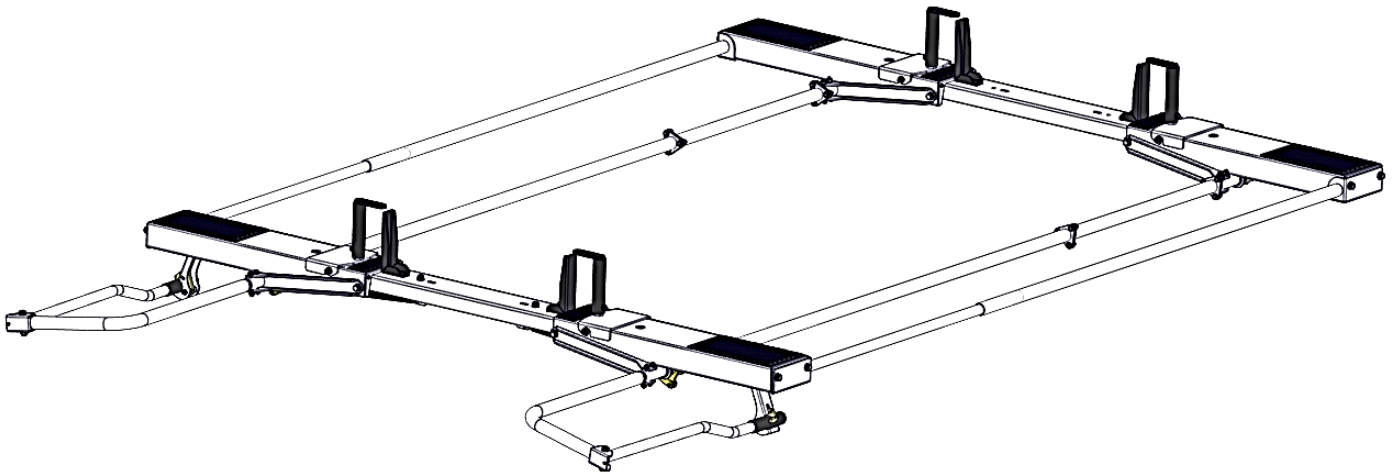


Holman

Instruction 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.



DO NOT EXCEED MANUFACTURERS WEIGHT CAPACITY FOR ROOF.

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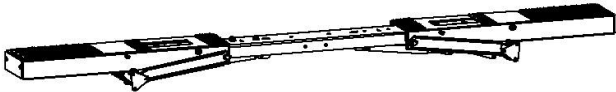
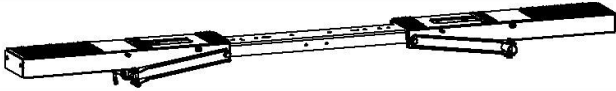
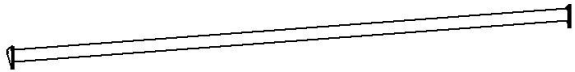
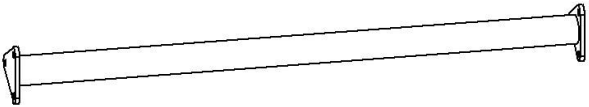
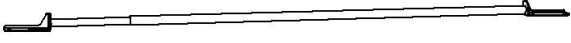
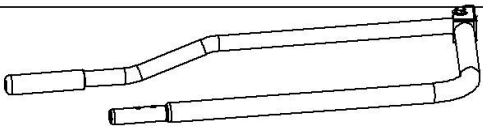
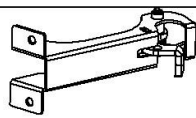
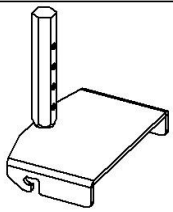
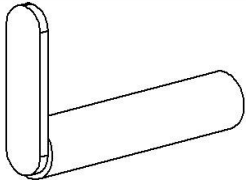

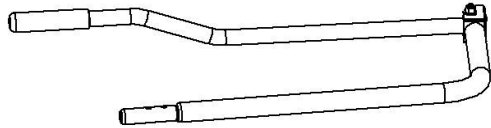
Tools Needed

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

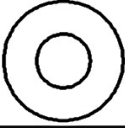
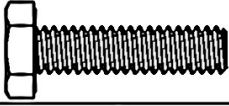

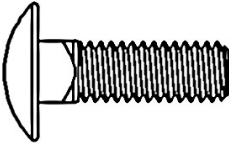

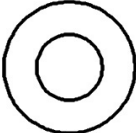
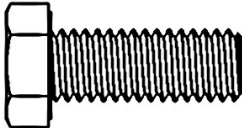
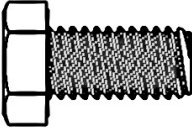
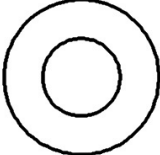

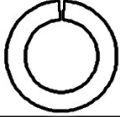
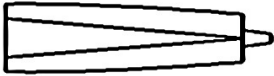
Before You Begin

- Read all instructions prior to assembling or installing any Holman product.
- Have mount kit installed on vehicle.
- **DO NOT EXCEED MANUFACTURERS ROOF WEIGHT RATING.**
- **Place sealant around all tube connections to ensure water does not get inside of rack.**
- **The standard distance between the front and rear bow is 71.5". This can vary, but be sure the rack can be assembled prior to installing mounts on vehicle.**

Parts List

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		4A95L-1	REAR BOW	1
2		4A95L-2	FRONT BOW	1
3		4A93L-50	WELDMENT, TORQUE TUBE, STEEL, 71.5" SPACING, LOW ROOF DROP DOWN	2
4		4A93L-51	WELDMENT, TORQUE TUBE, STEEL, EXTENSION, LOW ROOF DROP DOWN	2
5		4A93L-7	SUPPORT TUBE ASSY	2
6		4A93L-70	ASSEMBLY, HANDLE, LOW ROOF DROP DOWN	1
7		4A93L-45	ASSEMBLY, LATCH, HANDLE, LOW ROOF DROP DOWN	2
8		4A900-36	BASE LADDER HOOK WELDMENT	4
9		4A900-35	LADDER HOOK	4
10		4A900-30-004	LADDER STOP	4
11		4A93L-71	ASSEMBLY, HANDLE, LOW ROOF DROP DOWN	1
12		18-4A95L	HARDWARE KIT	1

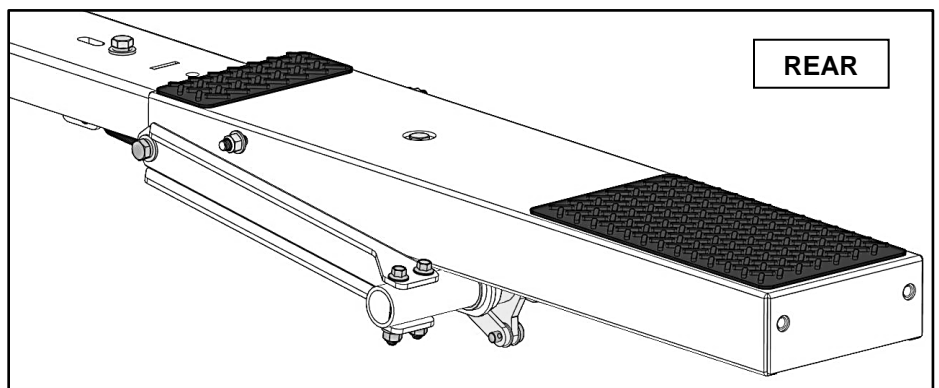
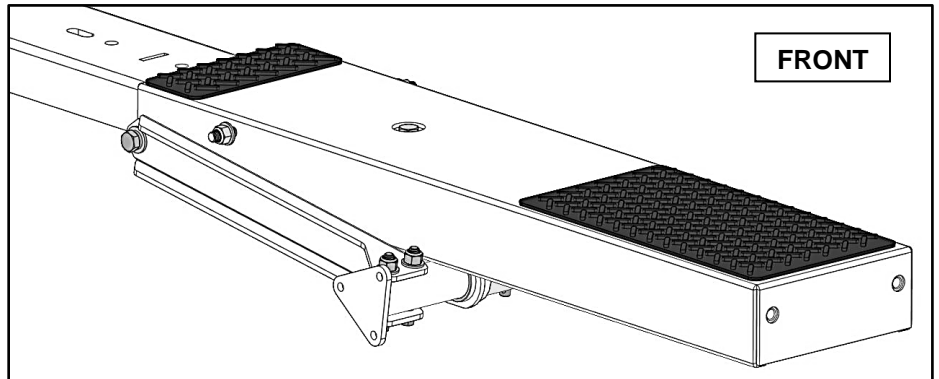
Hardware

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		60ML SEALANT	SEALANT	1

DO NOT EXCEED MANUFACTURERS WEIGHT CAPACITY FOR ROOF.

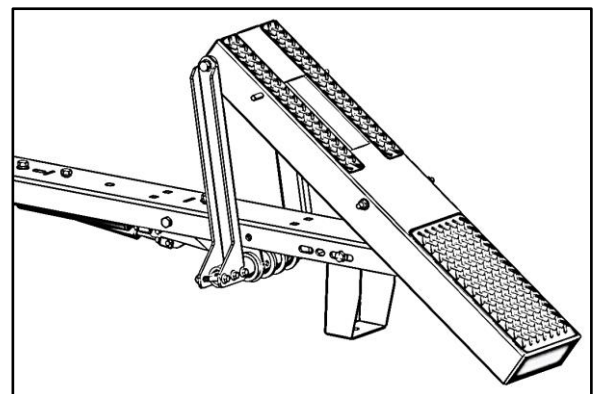
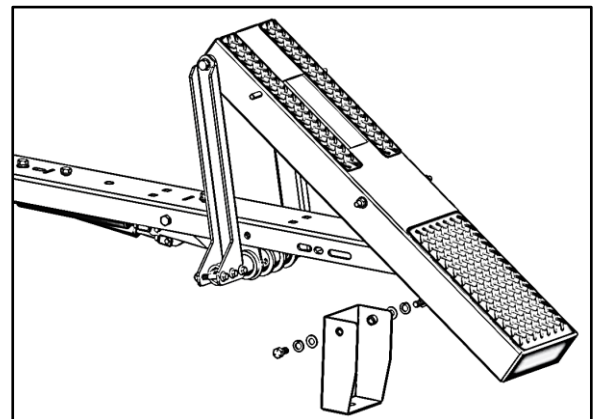
Step 1 – Determine Bows

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



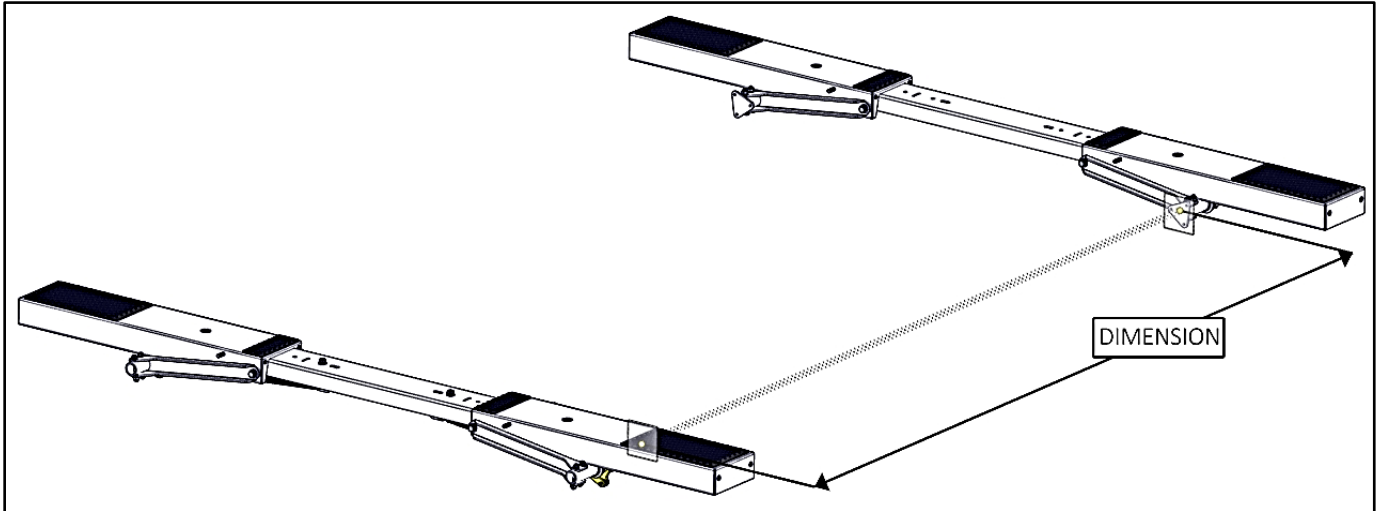
Step 2 – Pan Mount

- **Be sure mount kit is installed on vehicle.**
- Set front and rear bow assembly 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.



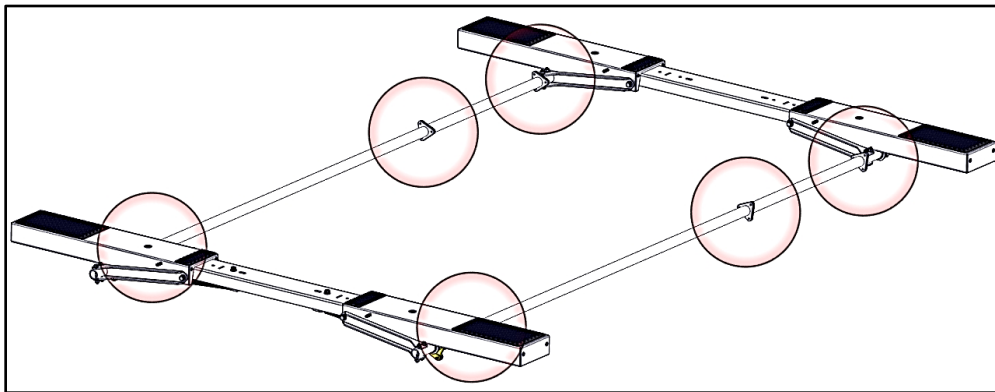
Step 3 – Determine if Extension is Needed

- 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 extension piece is **not** needed.

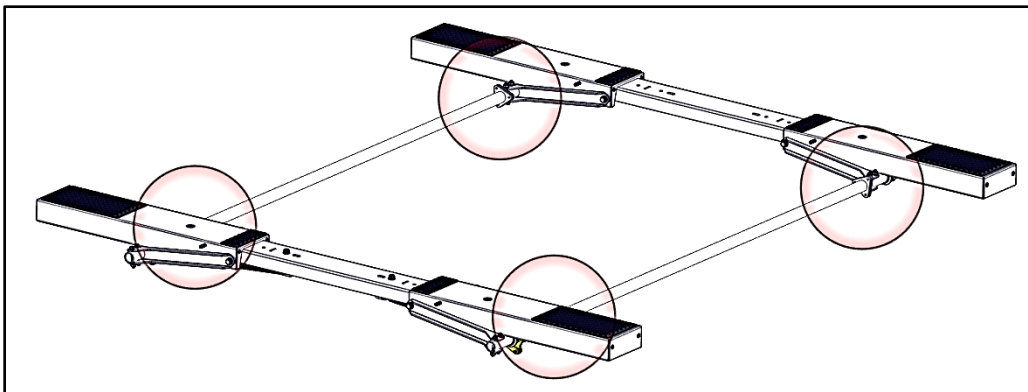


Step 4 – Install Torque Tube

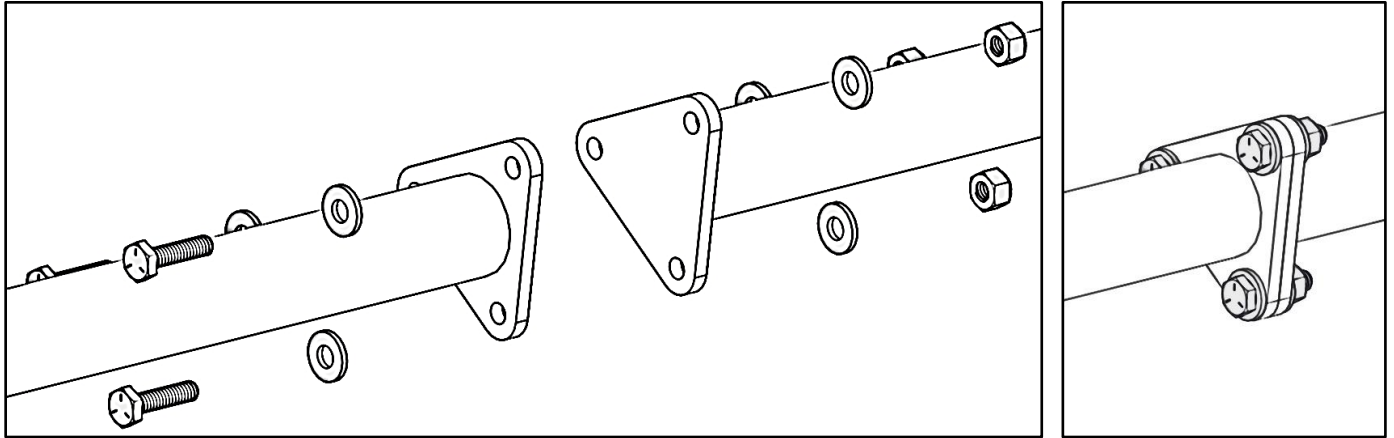
- If extension is needed, assemble extension to long torque tube.



- If extension is not needed, only use long torque tube.

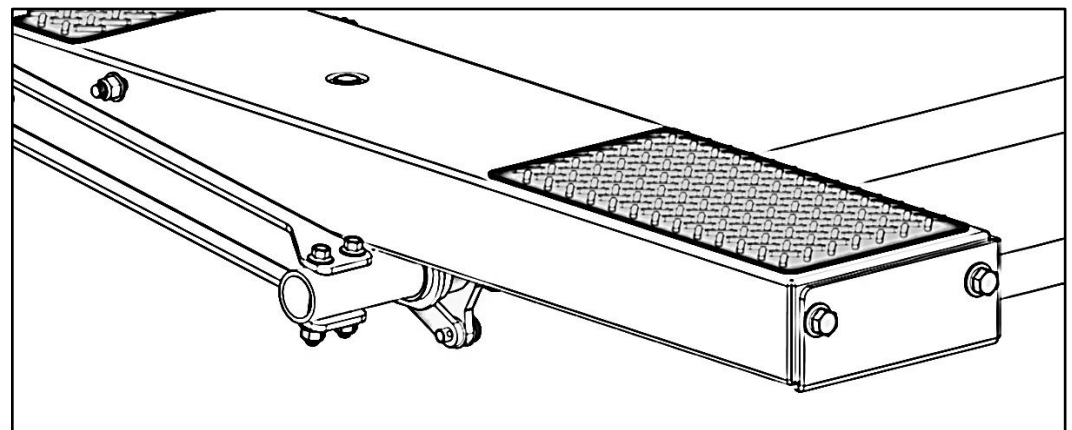
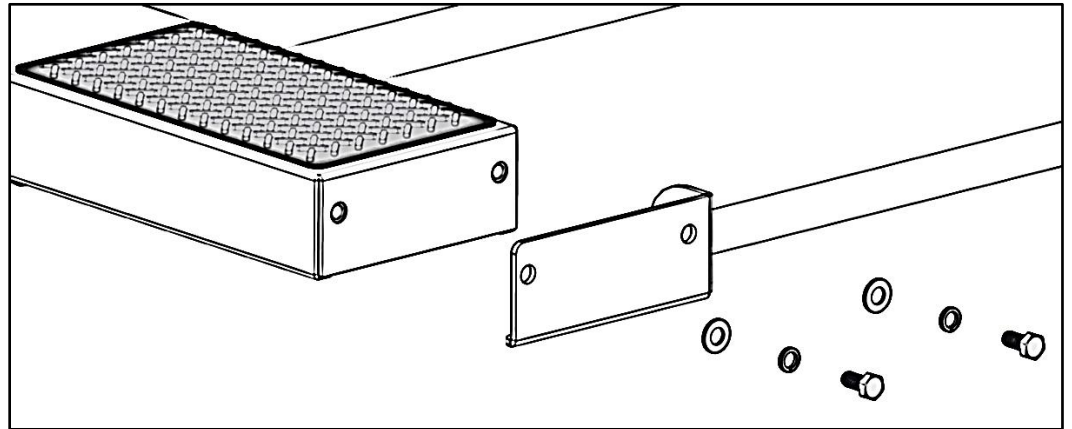
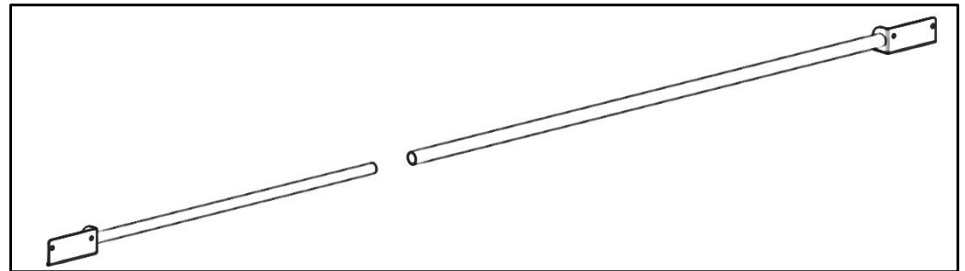


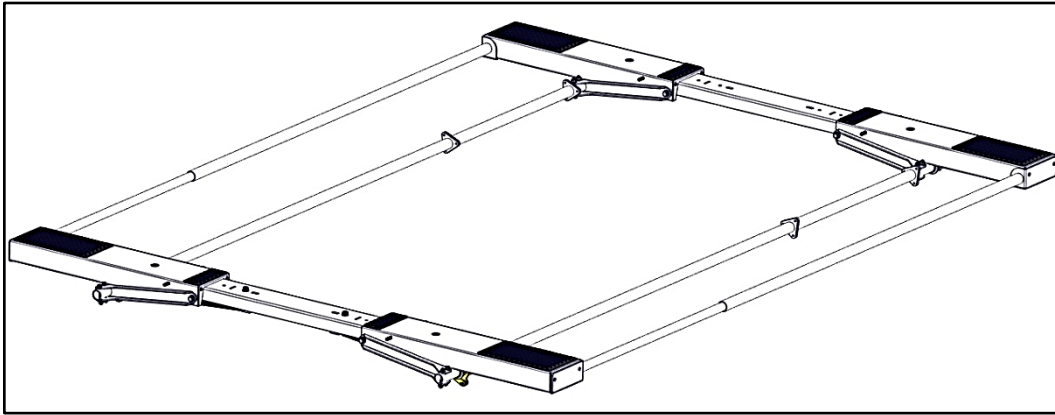
- Bolt torque tube to front and rear bow using 1/4"-20 x 1" Hex Head bolt, two 1/4" flat washers and 1/4" lock nut at each location.



Step 5 – Install Cross Tube

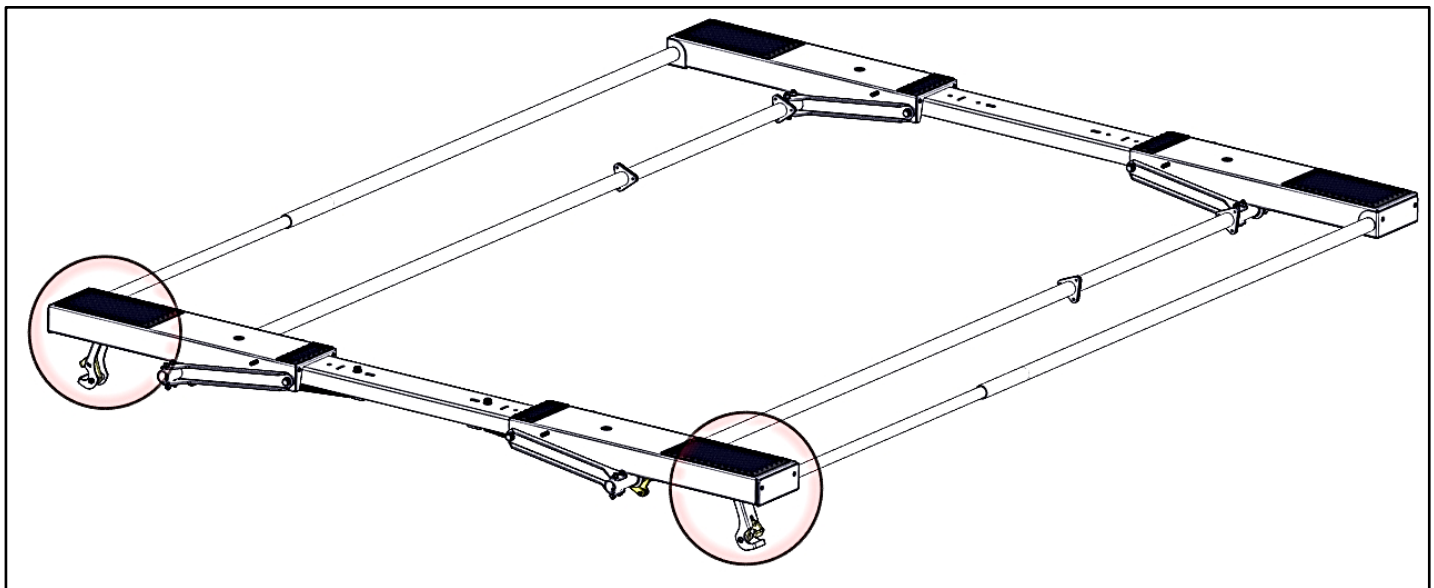
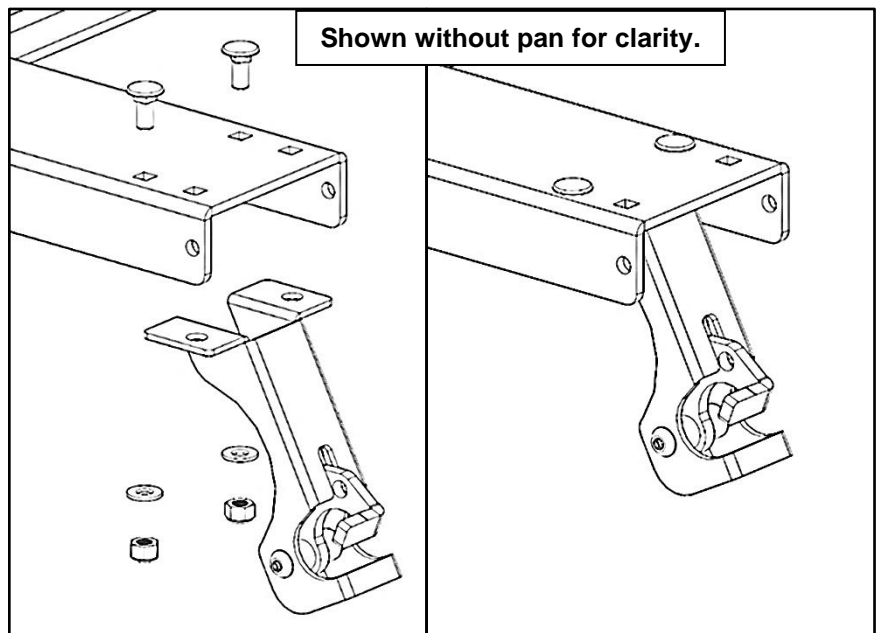
- Insert crosstube as shown. Bolt to the end of both pans using 3/8" x 3/4" Hex Head bolts, 3/8" flat washers and 3/8" lock nuts.
- Repeat at front and rear on the ends of both bows.
- **Be sure to use the 3/4" long bolts.**
- **TIGHTEN.**





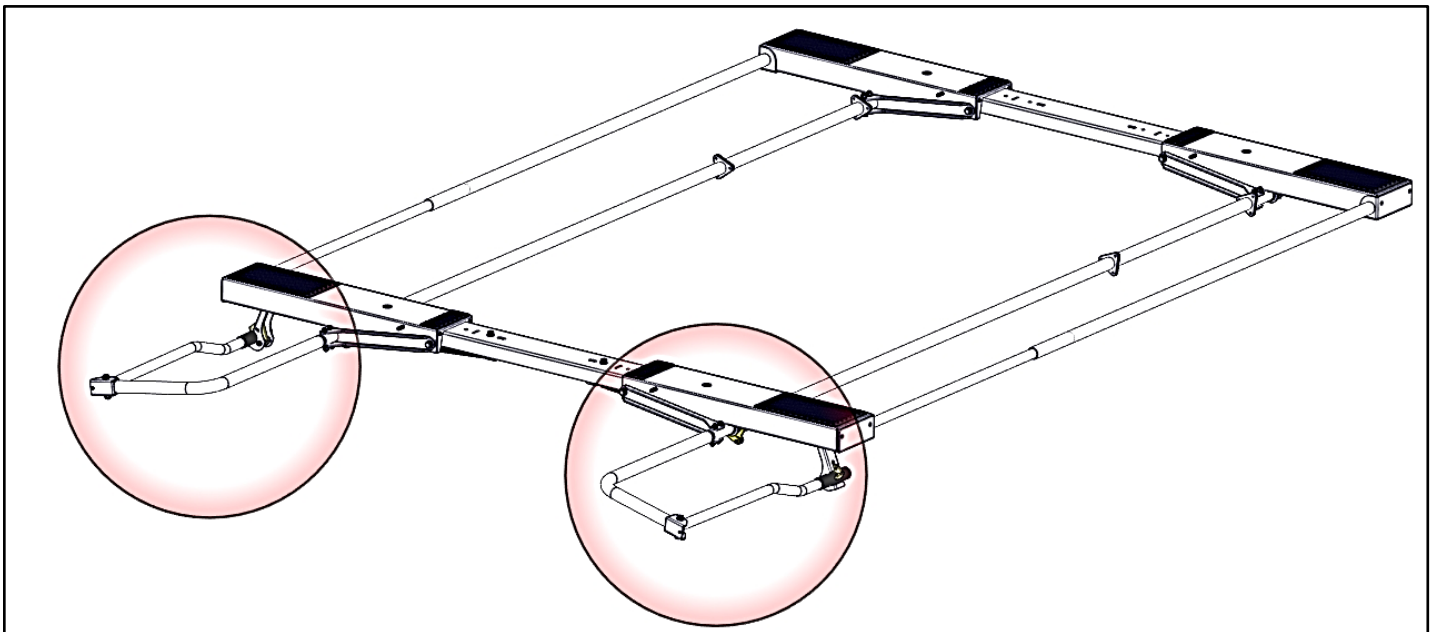
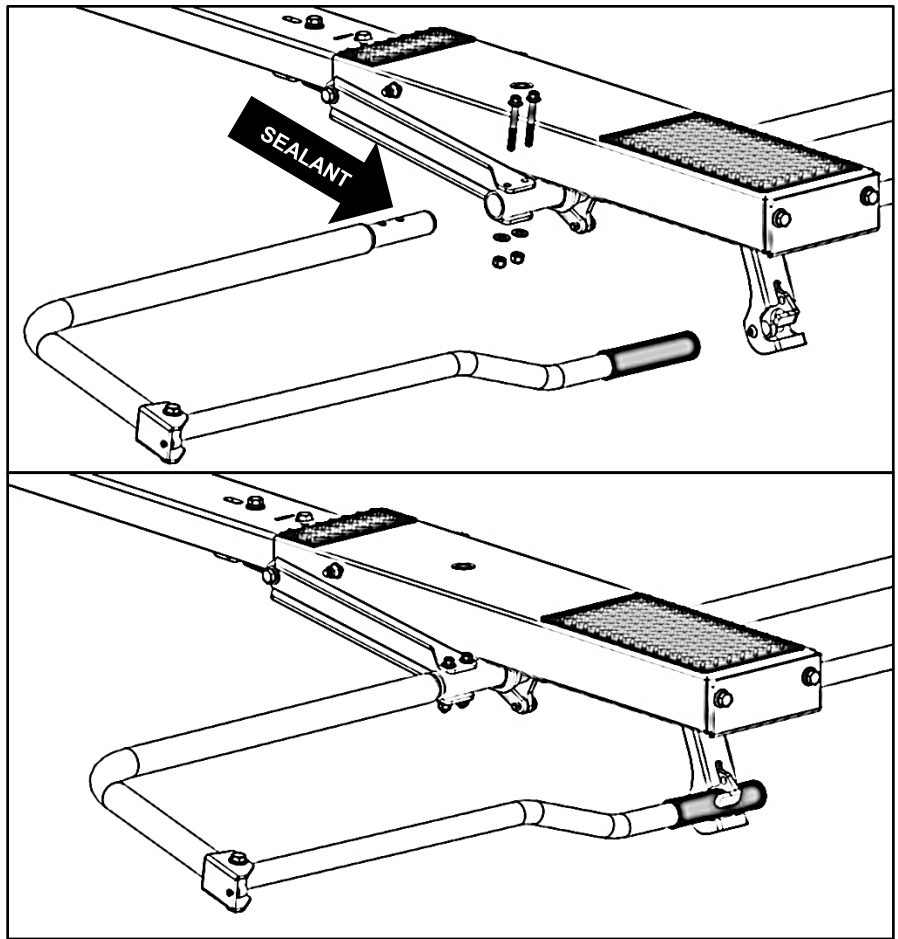
Step 6 – Install Latch

- 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" lock nuts.
- Repeat on both ends of rear bow.
- TIGHTEN.



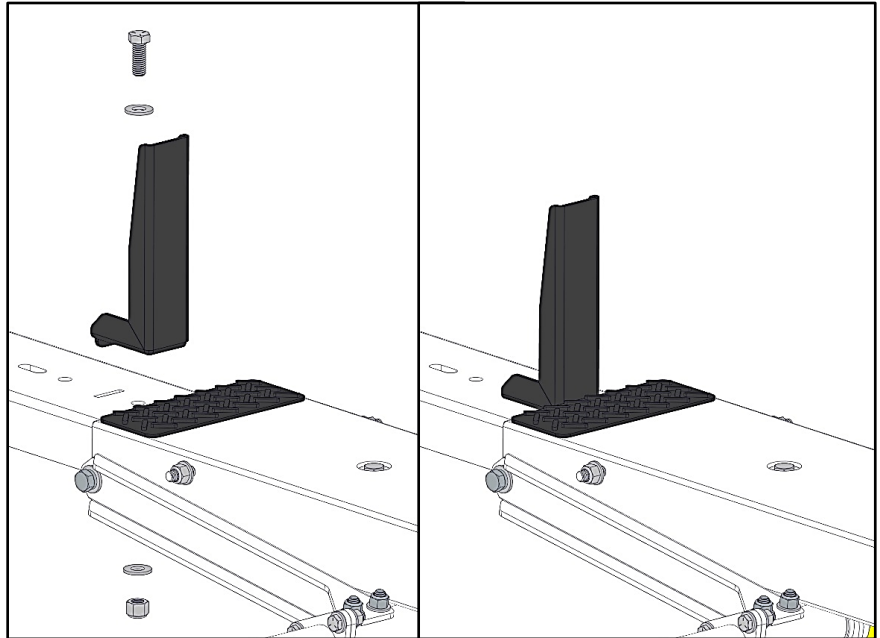
Step 7 – Install Handle

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

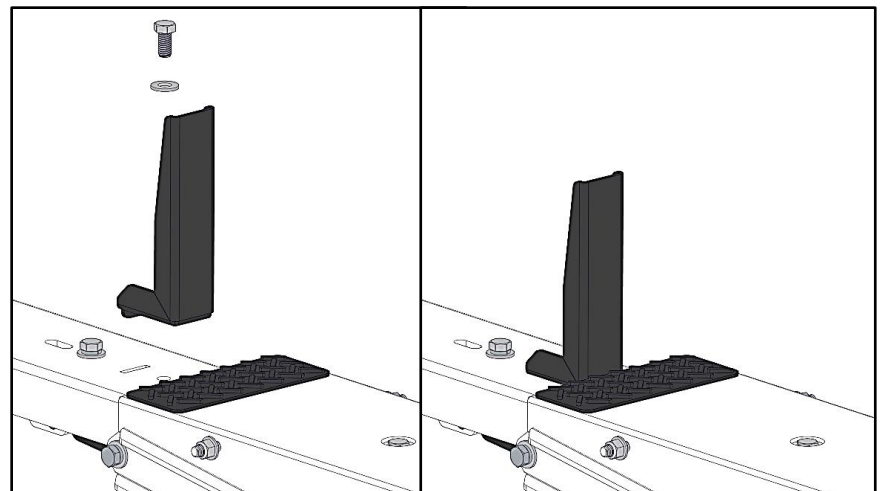


Step 8 – Ladder Stop

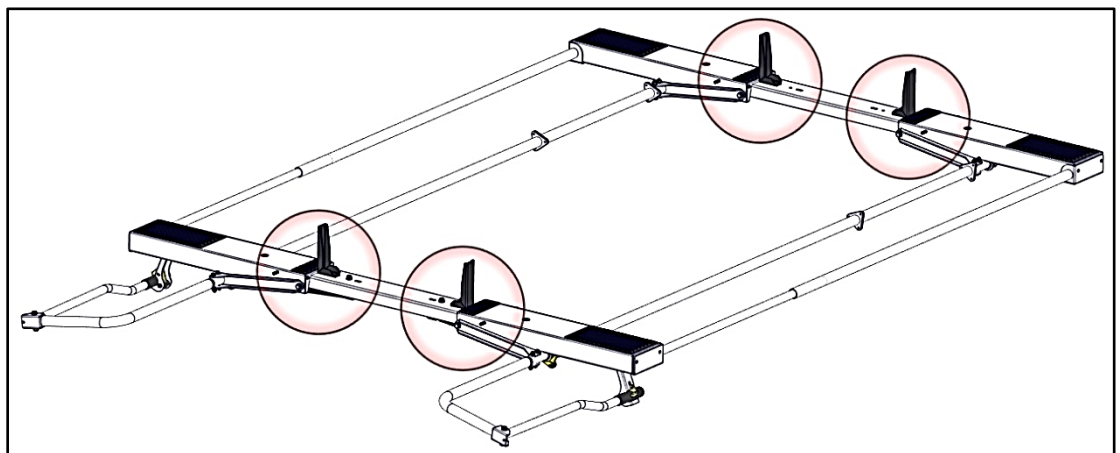
- Attach ladder stop to both front and rear bow. Be sure the flange of the ladder stop is aligned with the cut out in the bows.
- In the front bow, bolt in place using 3/8" x 1" hex head bolt, two 3/8" flat washers and a 3/8" lock nut.



- 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**

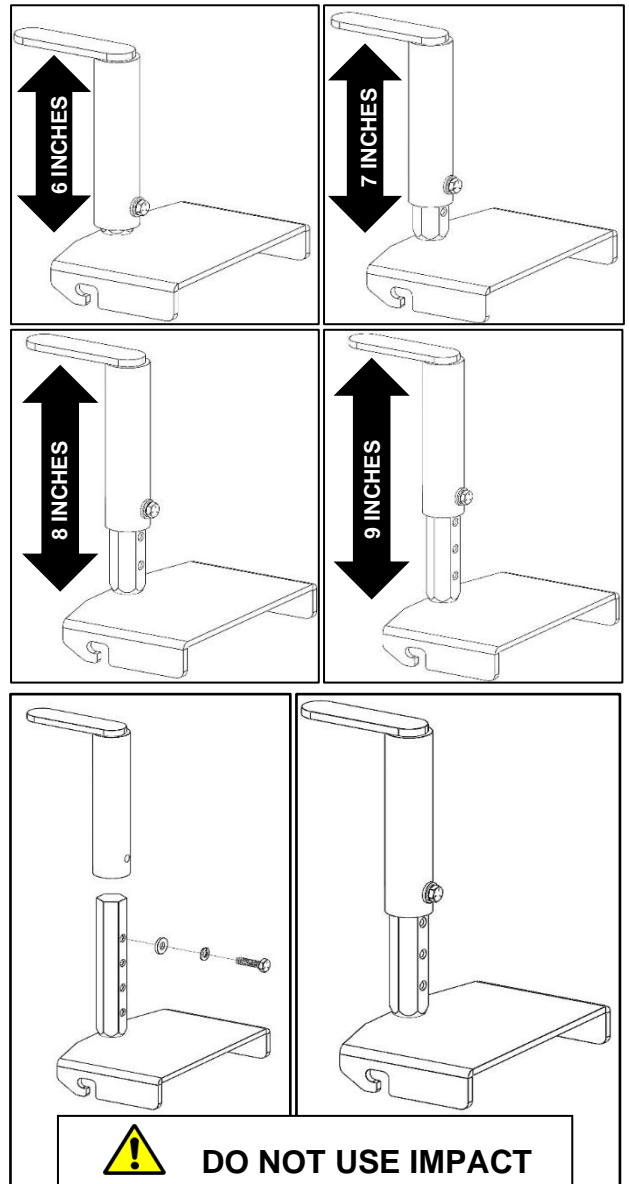


Step 9 – Assemble Ladder Hooks

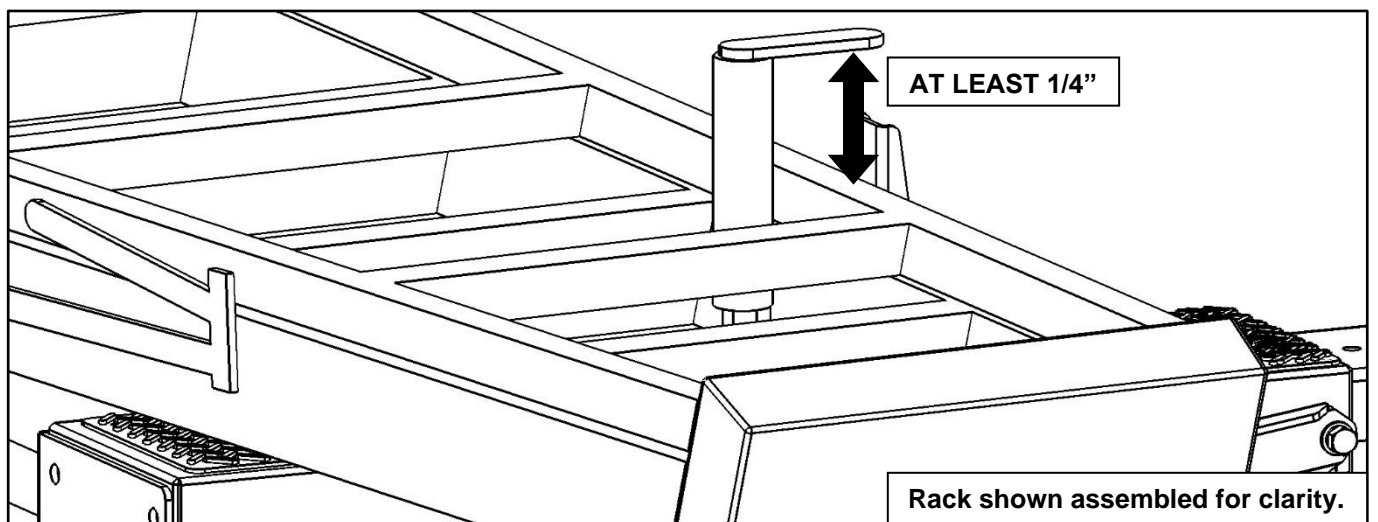
Note: Before use the ladder hook must be adjusted to an appropriate height for the ladder that will be used. The height of the hook needs to be at least 1/4" greater than the ladder. The ladder should fit loosely on the hook, not snug.

- Measure the thickness of the ladder that will be used and determine the appropriate mounting hole on the ladder hook weldment that will allow for a loose fit.
- **Be sure the height of the hook is AT LEAST 1/4" GREATER THAN the thickness of your ladder.**
- If you are unsure of the thickness of the ladder that will be used, set the height of the hook to the highest setting (9 inches) and adjust it later.

NOTE: Roof height clearance is affected by the hook mounting location used. Please verify and be aware of the total height of the vehicle with rack installed.

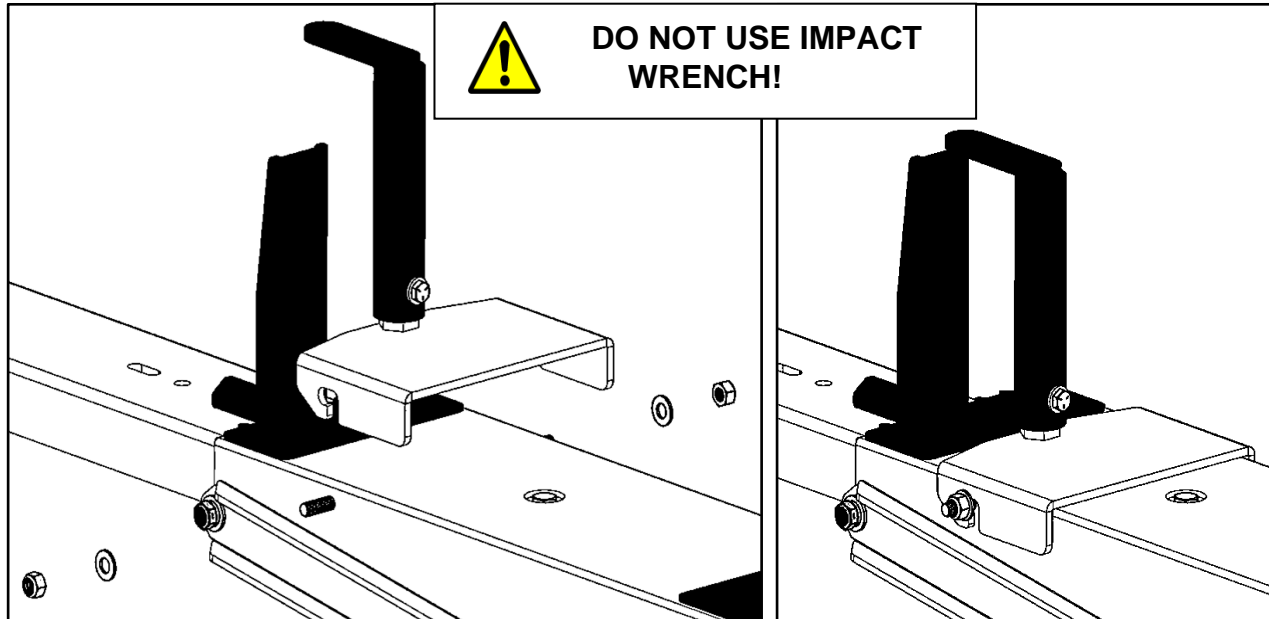


- Using a 1/4" x 1" hex head, a 1/4" lock washer and a 1/4" flat washer, bolt ladder hook assembly to ladder hook weldment using the previously determined mounting location.
- Tighten.



Step 11 – Install Ladder Hooks

- Using the hardware and installed 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.

