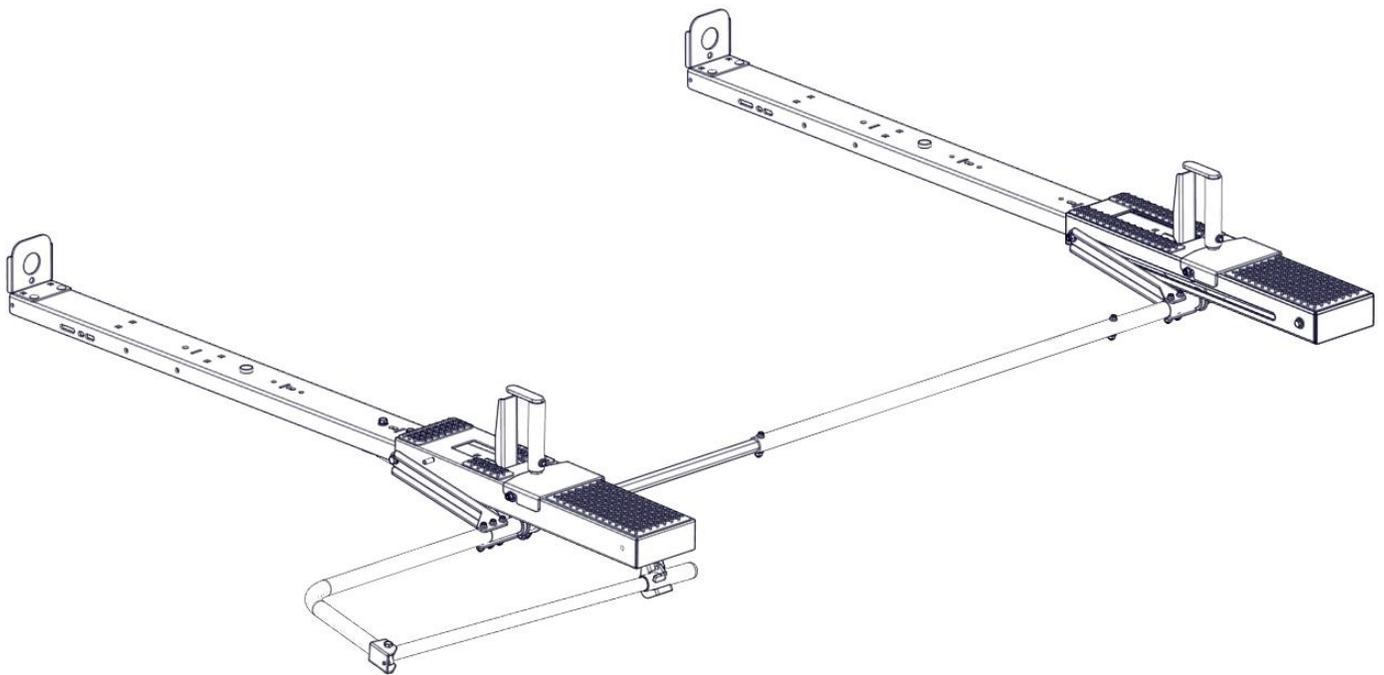




WE PUT EVERYTHING WITHIN REACH.

Installation Guide

4A92L



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

DATE: _____

***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

5/16" Wrench and Socket	3/8" Wrench and Socket
1/2" Wrench and Socket	9/16" Wrench and Socket
Tape Measure	

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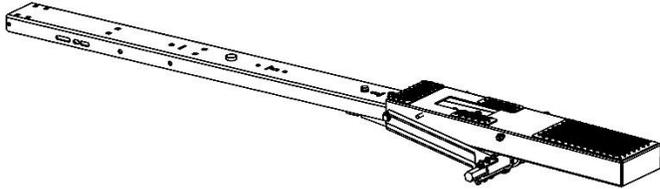
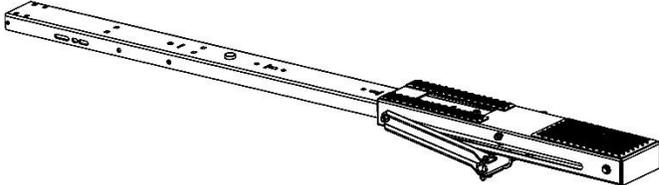
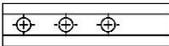
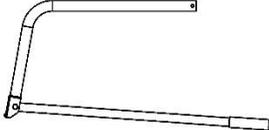
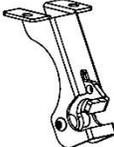
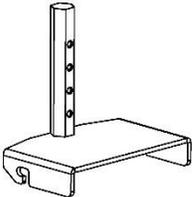
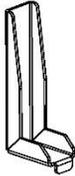
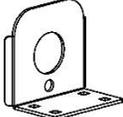
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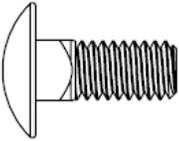
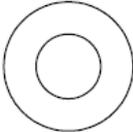
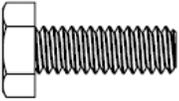
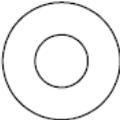
Before You Begin

- Read all instructions.
- Have mount kit installed on vehicle.
- Front Bow has slot in ladder pan.
- NEVER EXCEED MANUFACTURERS ROOF WEIGHT RATING.

Parts

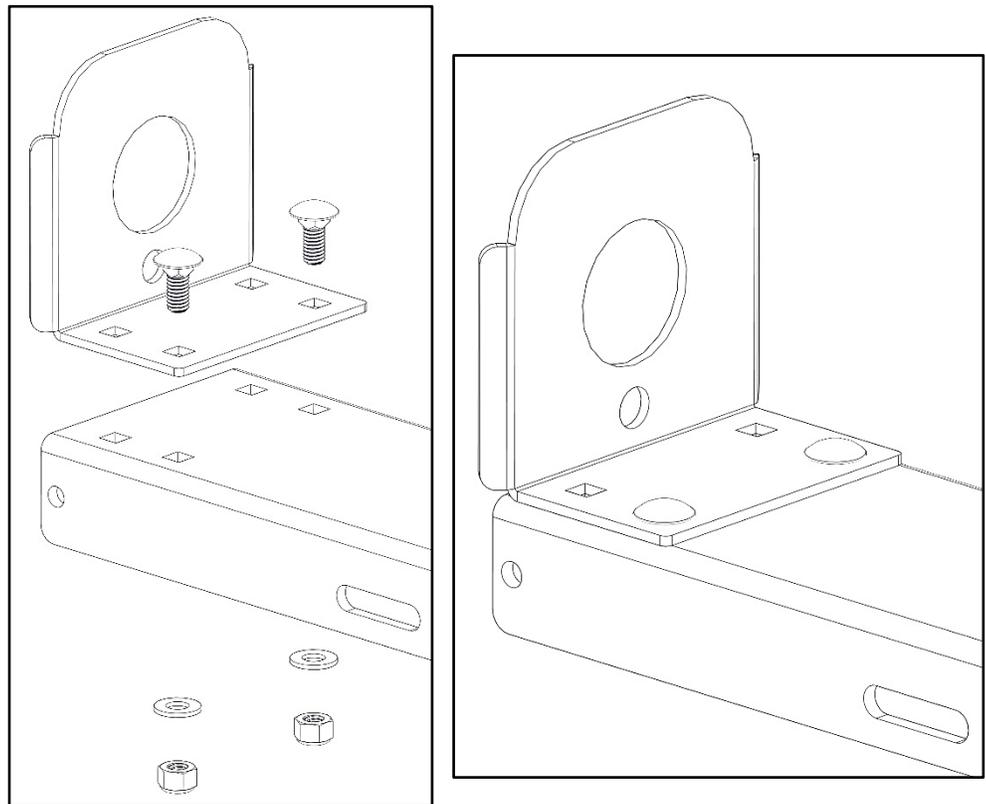
ITEM NO.		PART NUMBER	DESCRIPTION	QTY.
A		4A92L-REAR-ALUM-1	REAR BOW	1
B		4A92L-OP2-Front-ALUM-1	FRONT BOW	1
C		4A900-20-010	SMALL HEX BAR	1
D		4A900-20-014-1	HEX TUBE ASM	1
E		4A92L-46	HANDLE ASM	1
F		4A92L-44-R1	LATCH ASM	1
G		4A900-35	LADDER HOOK ASM	2
H		4A900-36	LADDER HOOK WELDMENT	2
J		4A900-30-004-R3	LADDER STOP	2
K		4A900-10-008	LOAD PLATE	2

Hardware

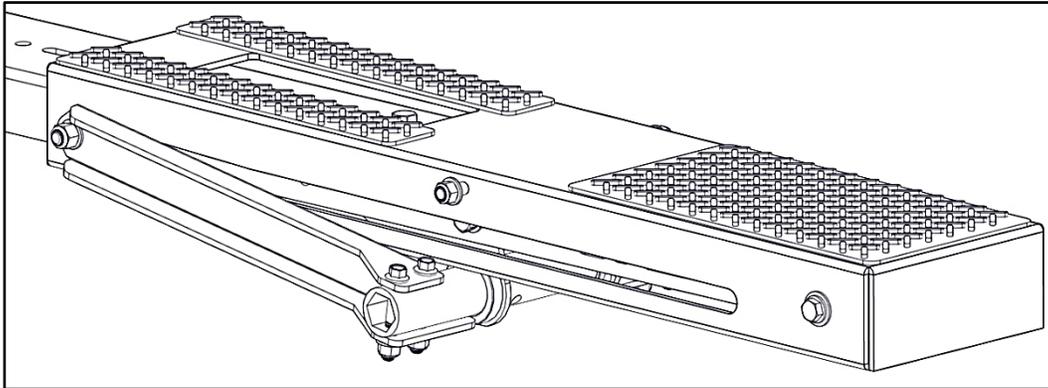
ITEM NO.	TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		90185A581	5/16"-18 x 3/4" Carriage	6
2		90126A030	5/16" Flat Washer	6
3		95615A160	5/16"-18 Nyloc	6
4		92865A540	1/4"-20 x 3/4" Hex Head	2
5		90126A029	1/4" Flat Washer	2
6		Anti-Seeze		1

Step 1 – Load Plates

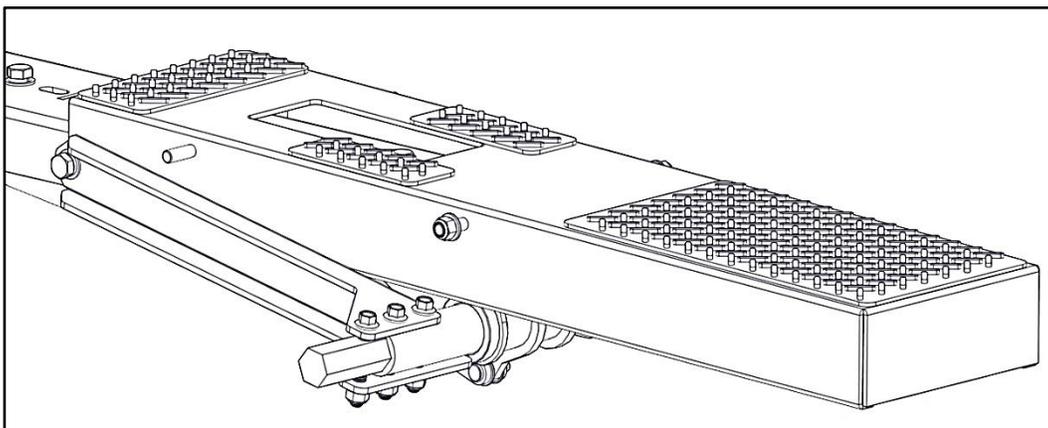
- At the end of each bow, opposite from the pan mechanism, bolt load plates (K) using two 5/16" x 3/4" carriage bolts (1), two 5/16" flat washers (2) and two 5/16" nyloc nuts (3) in the orientation shown.
- If installing 4A963, Skip installing load plates.
- Repeat on both bows.
- Snug Tighten, but allow movement.



- Determine front and rear bow. The front bow will have a slot in the pan.



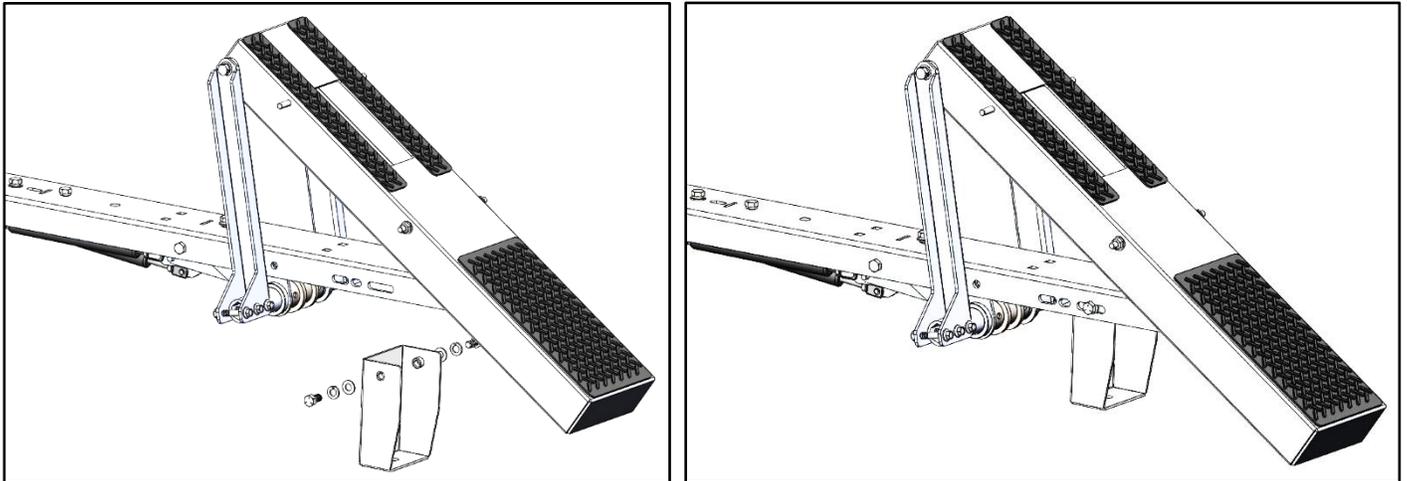
Front Bow



Rear Bow

Step 2 – Pan Mount

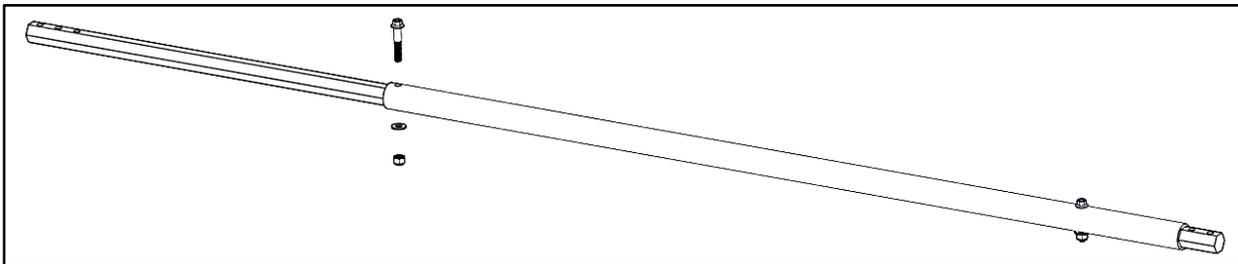
- Set Bow Assy (A&B) on mounting feet as shown. Follow instructions from the mount kit to install on vehicle.
- Place a foam block from the packaging to hold the bow in the up position in order to access the mounting slots.



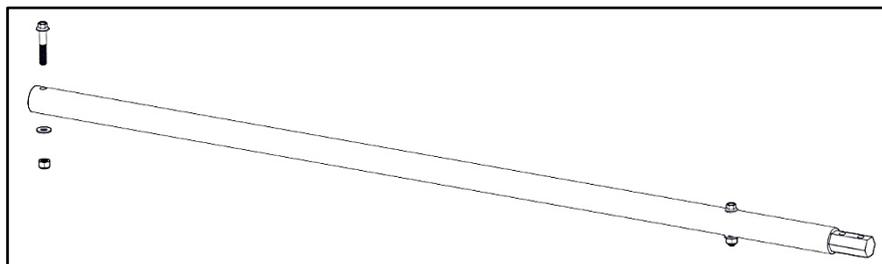
- Use 3/8" x 3/4" hex head bolts with 3/8" lock washers and 3/8" flat washers in order shown.
- Leave loose until the the rack is assembled.
- Repeat on both ends of bow.

Step 3 – Determine Hex Tube Length

- If the distance between the two bows is greater than 43", use the long hex bar as it comes assembled.



- If the distance between the two bows is approximately 43", remove the long hex tube from the assembly and use the small 3 hole hex tube (C).

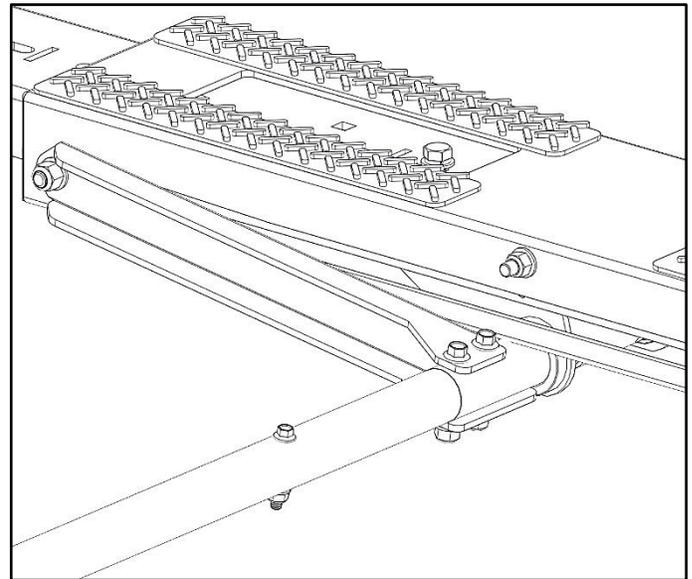
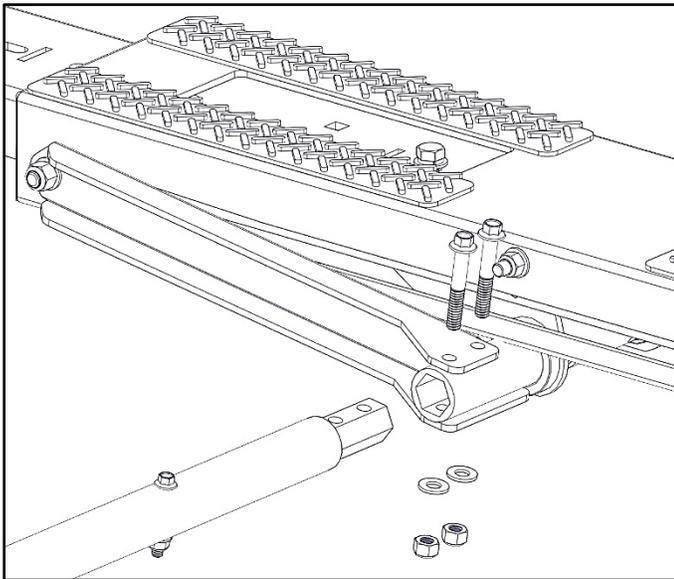


- In either case, remove bolt closest to the end of the hex sleeve that sets length of hex tube assembly, as shown.

Step 4 – Install Hex Tube

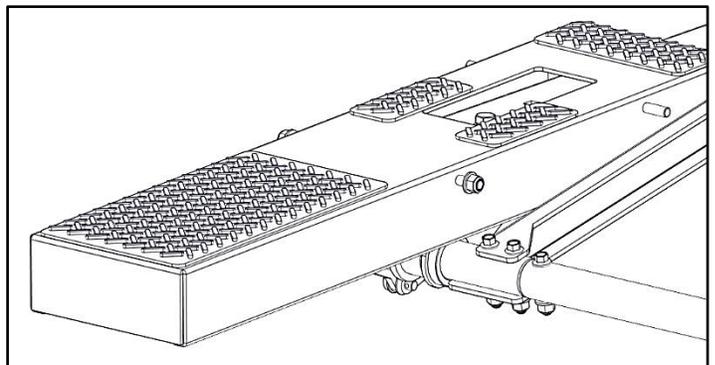
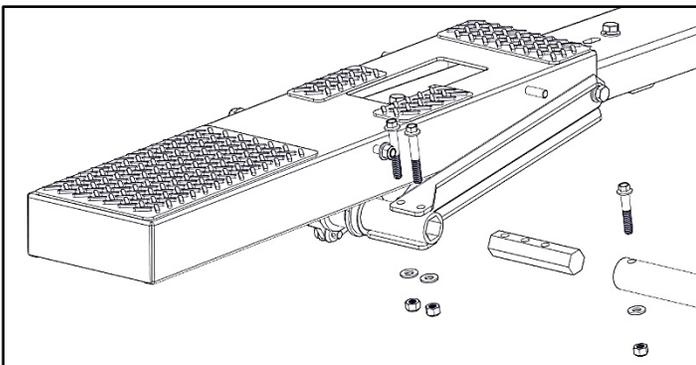
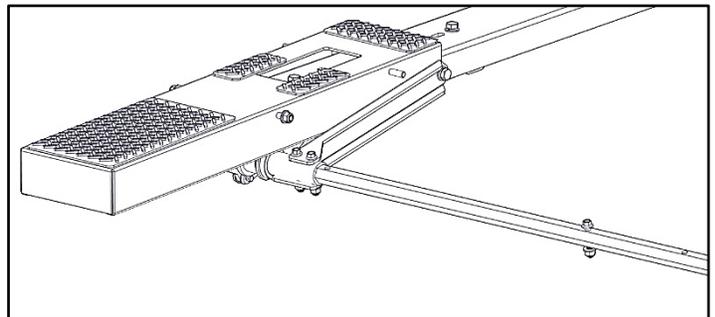
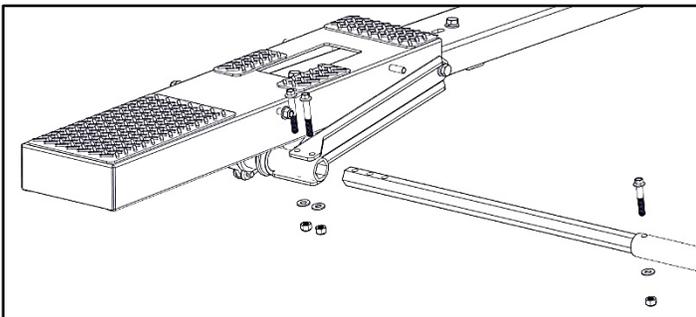
- Install hex tube to front pan assembly.
- Use the end of the hex tube assembly with 2 exposed holes to mount into the front pan.

Front bow shown



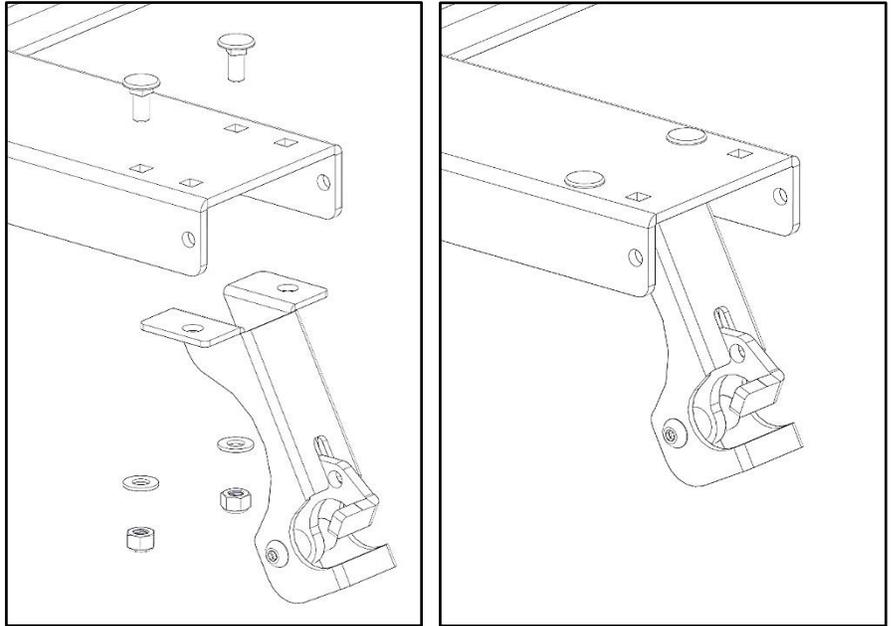
Rear bow shown below

- Slide hex tube and install on rear pan. (if distance between bows is approximately 43" use small 3 hole hex tube (C), see bottom set of pictures.)
- Bolt to rear pan using included hardware.
- Once bolted to rear pan, adjust hex tube to line holes up with the hex sleeve.
- Once aligned, bolt through both the hex sleeve and the hex tube using bolts from step 3.
- **TIGHTEN** all bolts from both front and rear pans.



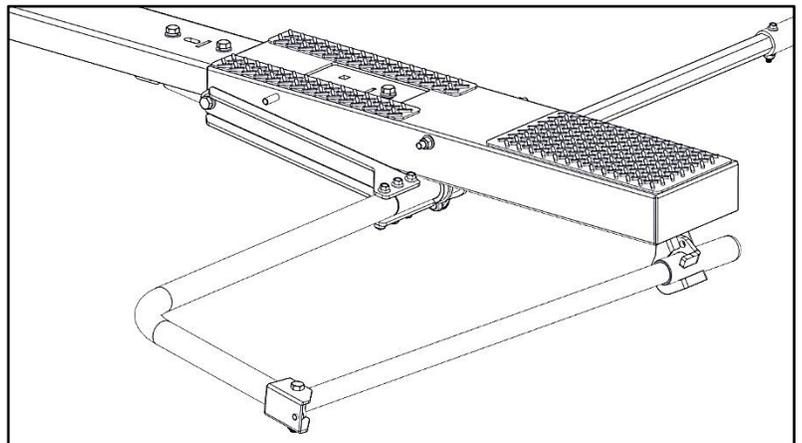
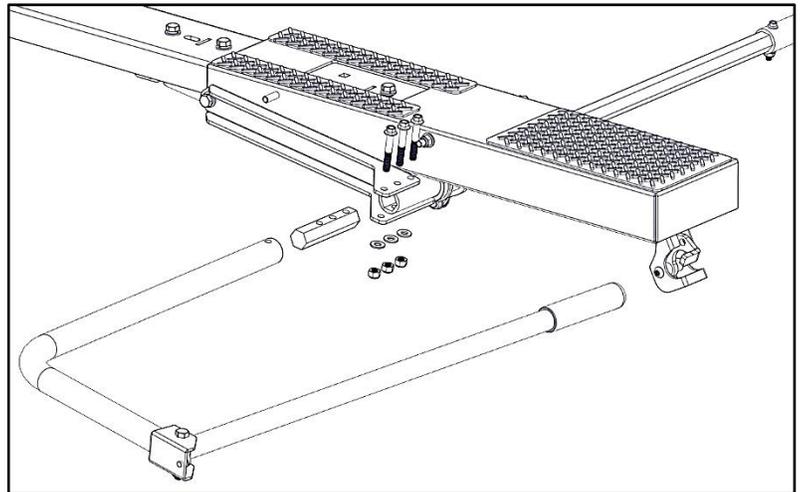
Step 5 – Install Latch

- Move rear pan assembly out of the way to expose the end of the crossmember.
- Bolt latch assembly (F) to end of crossmember using 5/16" x 3/4" carriage bolts (1), 5/16" flat washers (2) and 5/16" nyloc nuts (3).
- Shown without pan for clarity.
- TIGHTEN



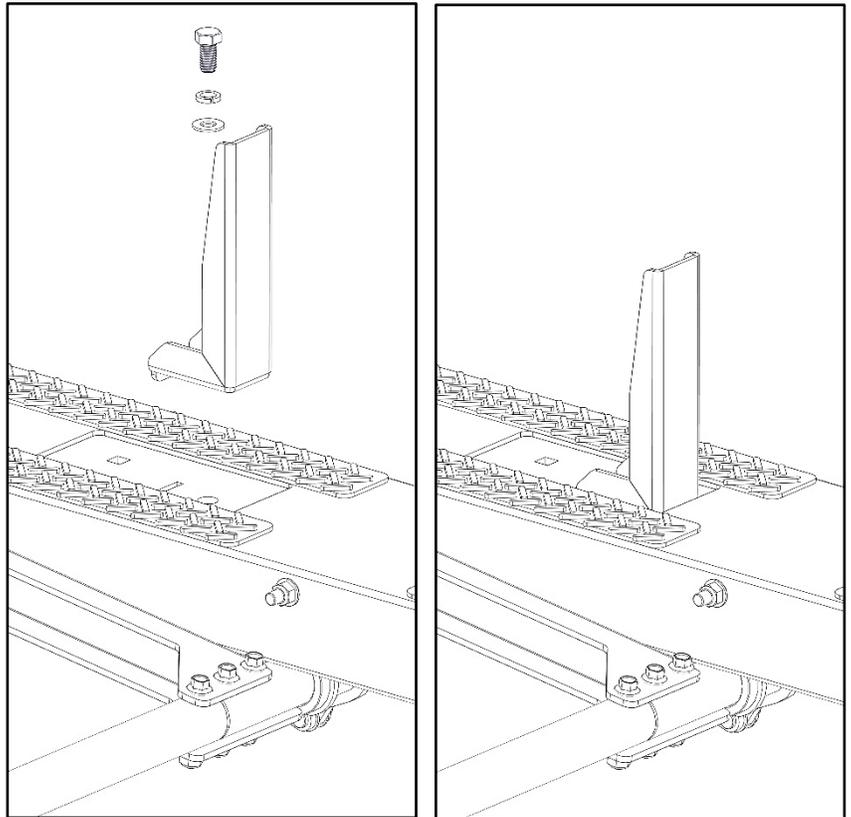
Step 6 – Install Handle

- Using the hardware in the rear bow to bolt handle (E) into position.
- TIGHTEN



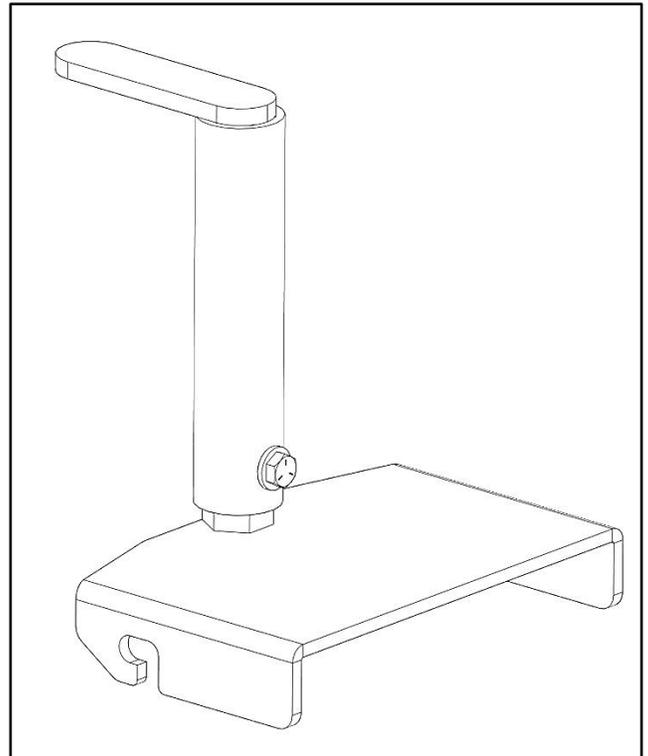
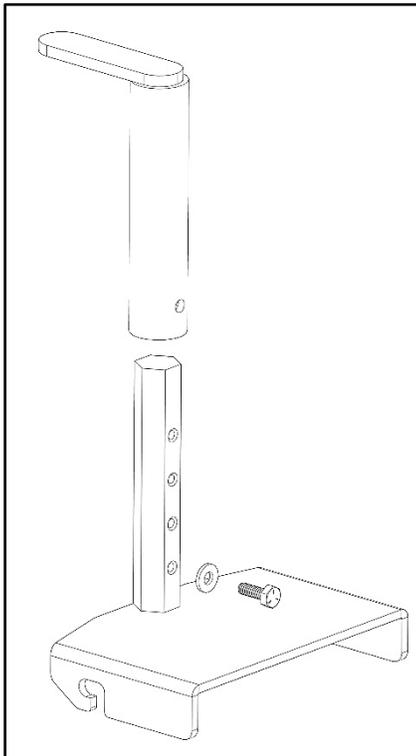
Step 7 – Ladder Stop

- Using the hardware in both bows, bolt ladder stop (J) in orientation shown. Be sure to place the tab on the ladder stop into the slot on the bow.
- TIGHTEN



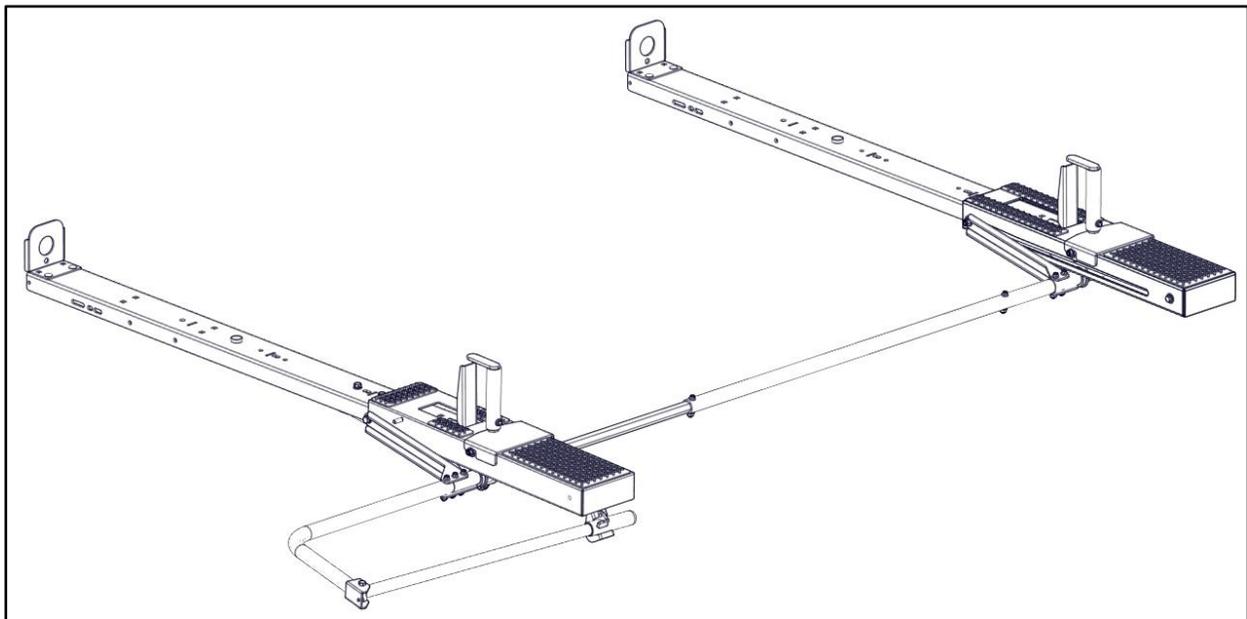
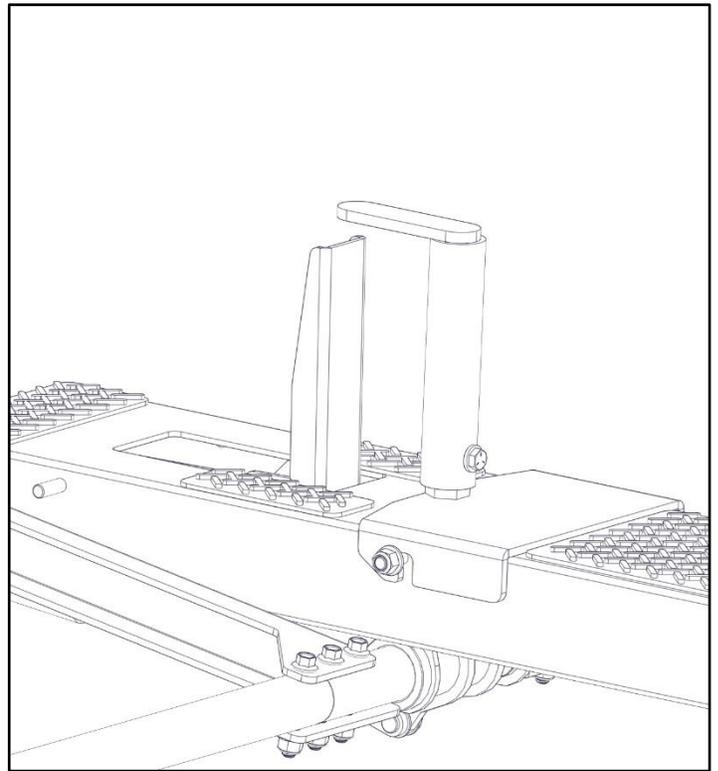
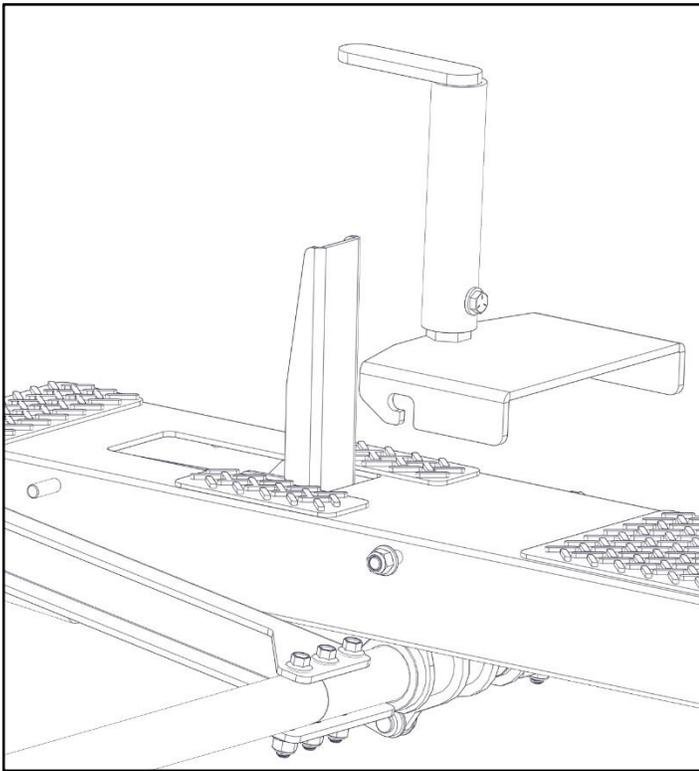
Step 8 – Assemble Ladder Hooks

- Bolt ladder hook ASM (G) to ladder hook weldment (H) as shown.
- Use 1/4" x 3/4" hex head (4) and 1/4" flat washer (5). This can be adjusted later.
- TIGHTEN



Step 9 – 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