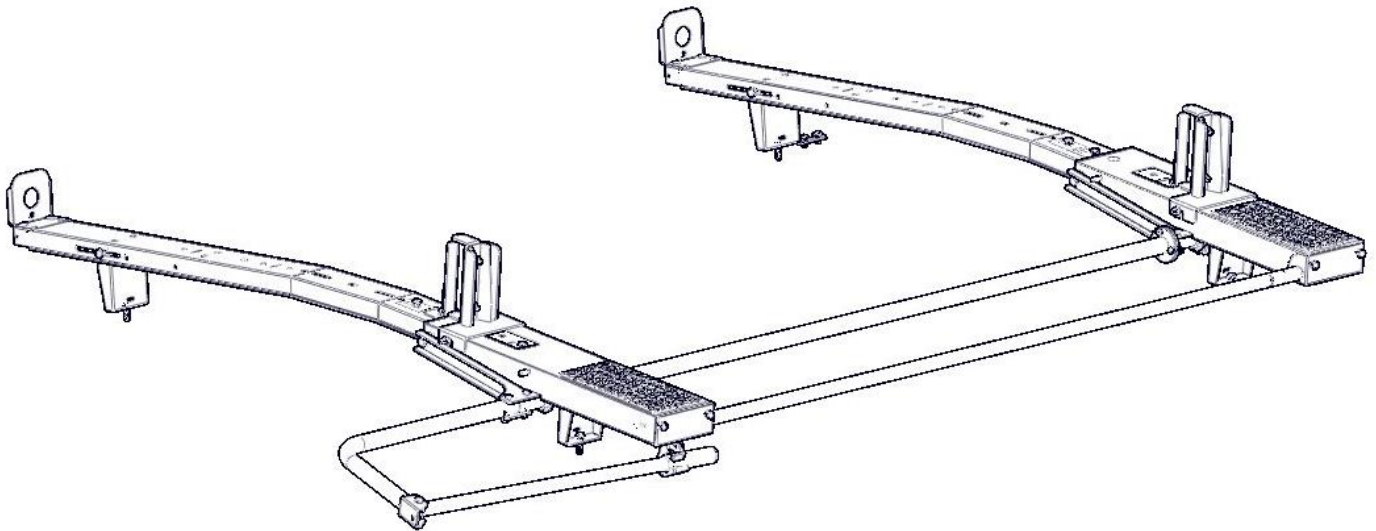


# Holman

---

## Installation Guide 4092L

---



Available at Contractor's Solutions: [www.Contractors-Solutions.net](http://www.Contractors-Solutions.net)

---

Holman  
Rancho Cordova, CA 95742  
800-343-7486  
[InstallationSupport@Holman.com](mailto: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.

### Table of Contents

Parts .....	2
Hardware.....	3
INSTALLATION PREPARATION .....	3
Step 1 – Install End Stop .....	4
Step 2 – Install Front and Rear Pan Assemblies.....	4
Step 3 – Install Torque Tube .....	5
Step 4 – Install Ladder Pan Support .....	6
Step 5 – Install Ladder Stops and Ladder Hooks .....	7
Extension Ladder Set-Up .....	7
Step Ladder Set-Up .....	8
Step 6 – Install Latch .....	8
Step 7 – Install Handle .....	9
Step 8 – Install Rack.....	9

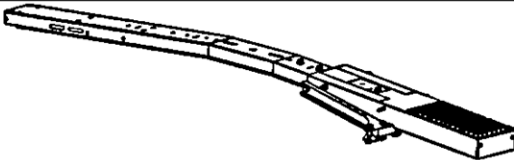
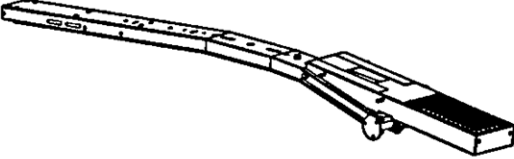
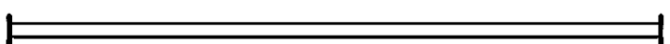
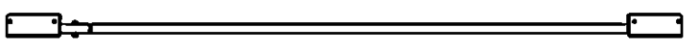



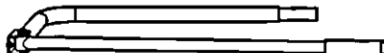
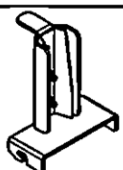
### Tools Needed

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

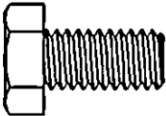
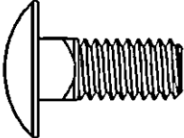

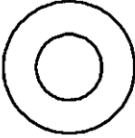
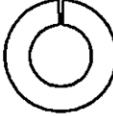
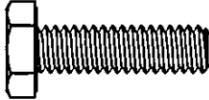


### Before You Begin

- Read all instructions prior to assembling or installing any Holman product.
- **Always locate your installation locations prior to performing any work.**
- **ENSURE SAFETY WHILE INSTALLING OR DRILLING INTO VEHICLE.**
- **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.**

## Parts

NO.	ITEM	PART NUMBER	DESCRIPTION	QTY.
1		40800-03	REAR PAN ASSEMBLY	1
2		40800-14	FRONT PAN ASSEMBLY	1
3		40800-21	TORQUE TUBE ASM	1
4		40953-831	CROSSTUBE ASSEMBLY	1
5		40800-10-008	END STOP	2
6		40900-43	ASSEMBLY, HOOK, HANDLE, DROP DOWN, MINI	1
7		40900-30-004	LADDER STOP	2
8		40900-40-1-1	LOW ROOF HANDLE ASM	1
9		40900-31	LADDER HOOK ASSY.	2
10		18-4092L	HARDWARE-LOW ROOF DROP DOWN	1

## Hardware

ITEM	HARDWARE TO SCALE	PART NUMBER	DESCRIPTION	QTY.
1		92865A580	5/16"-18 X 5/8" HEX HEAD BOLT	4
2		21810	5/16"-18 X 3/4" CARRIAGE BOLT	6
3		0169777	5/16"-18 NYLOC	6
4		33080	5/16" WASHER	10
5		1133620	5/16" LOCKING WASHER	4
6		13005	1/4"-20 X 7/8" HEX HEAD BOLT	6
7		33078	1/4" FLAT WASHER	12
8		37018	1/4"-20 NYLON INSERT LOCK NUT	6
9			SEALANT	1

## INSTALLATION PREPARATION

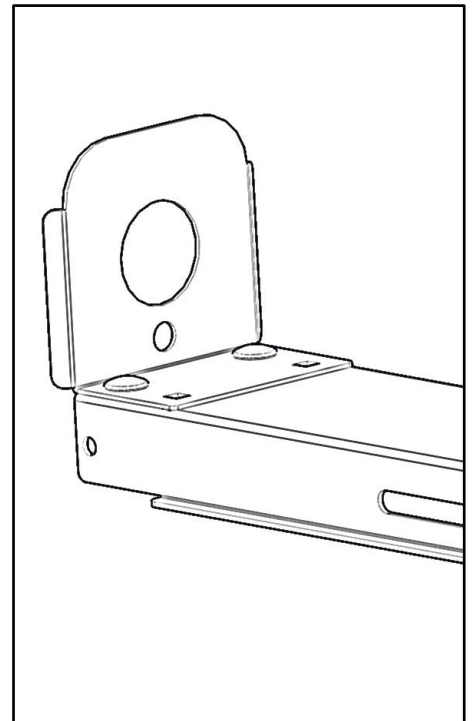
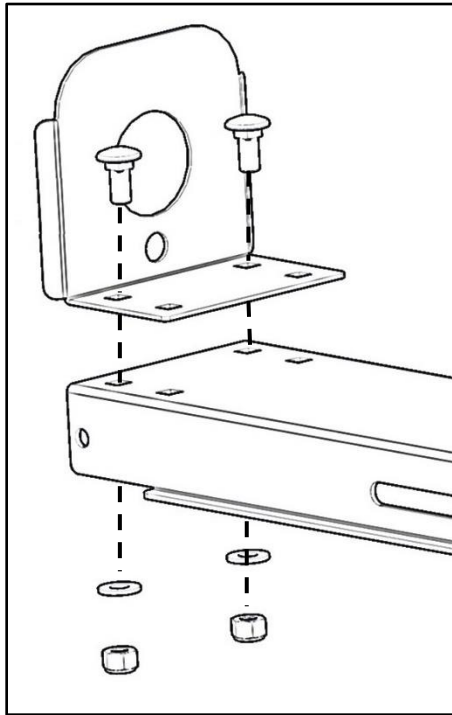
Mounting kit is sold separately.

**BE SURE TO HAVE INSTALLED APPROPRIATE MOUNTING KIT PRIOR TO ASSEMBLY OF RACK.**

## Step 1 – Install End Stop

**DO NOT** install the end stop if installing a double drop down rack.

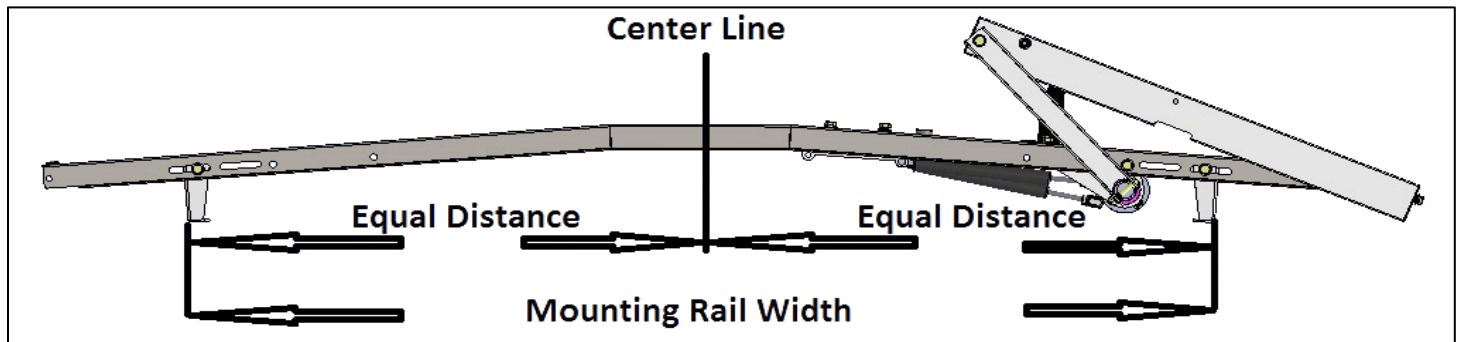
- Next bolt the end stop on the driver side of both bows using 5/16" x 3/4" carriage bolts with 5/16" lock nuts and 5/16" flat washers, as shown.
- Repeat for other pan assembly.



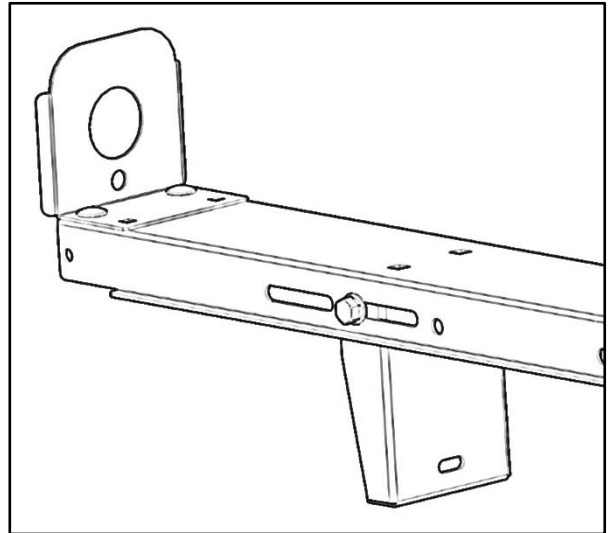
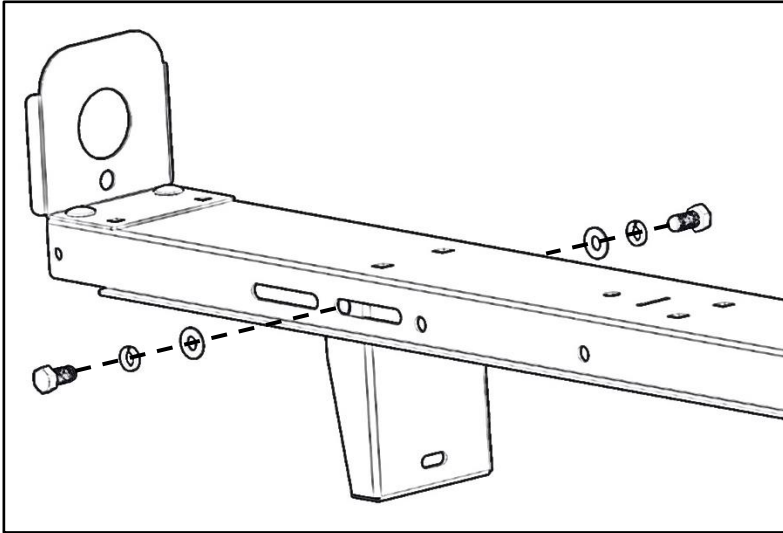
## Step 2 – Install Front and Rear Pan Assemblies

If assembling rack off of vehicle, skip to Step 3 and return to Step 2 when finished with assembly.

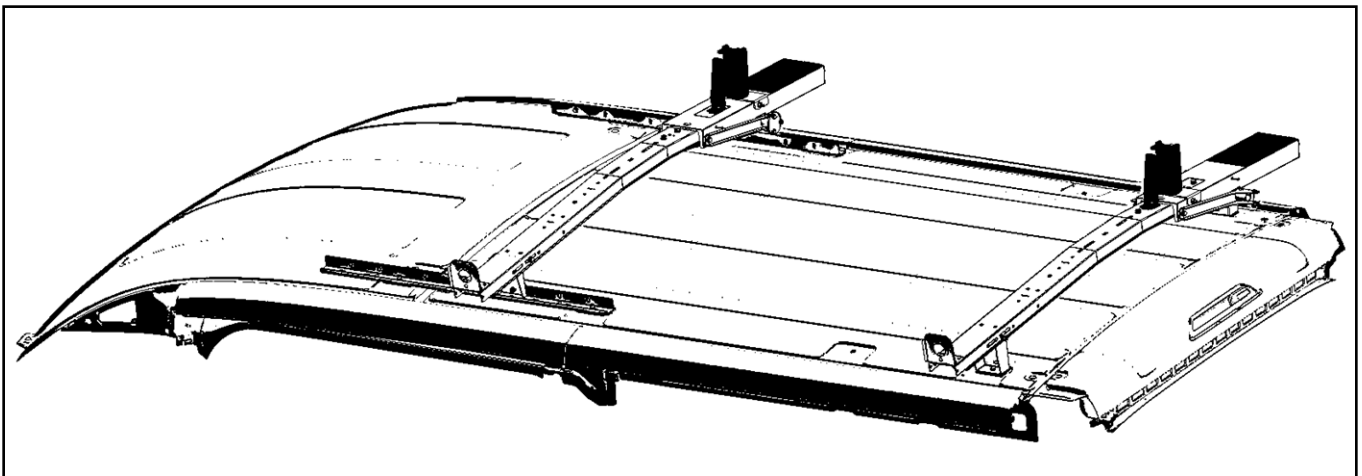
- Place rear pan assembly onto previously installed mount feet at the rear of the van. **Make sure the bow is centered along the van.**



- Using 3/8" x 3/4" hex head bolts, 3/8" split lock washers and 3/8" flat washers, bolt bow to feet.

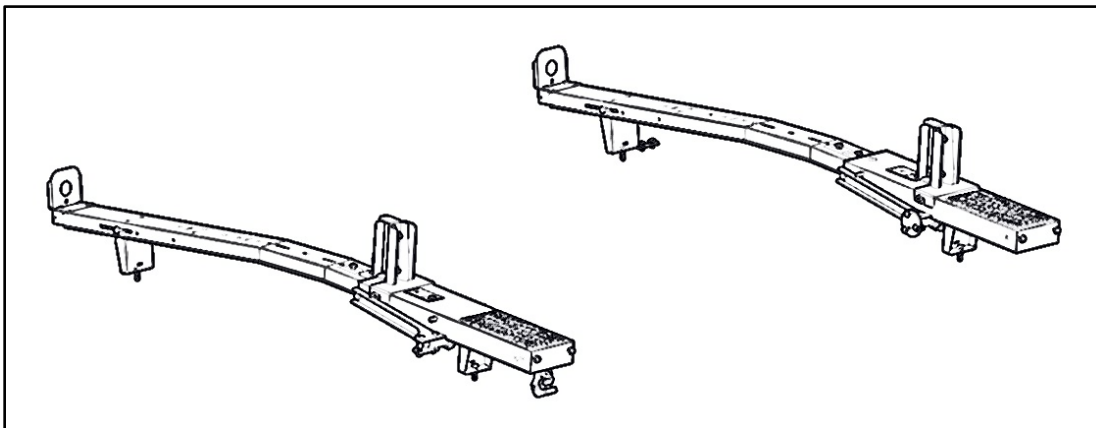


- Repeat on other side.
- Repeat using front bow.



### **Step 3 – Install Torque Tube**

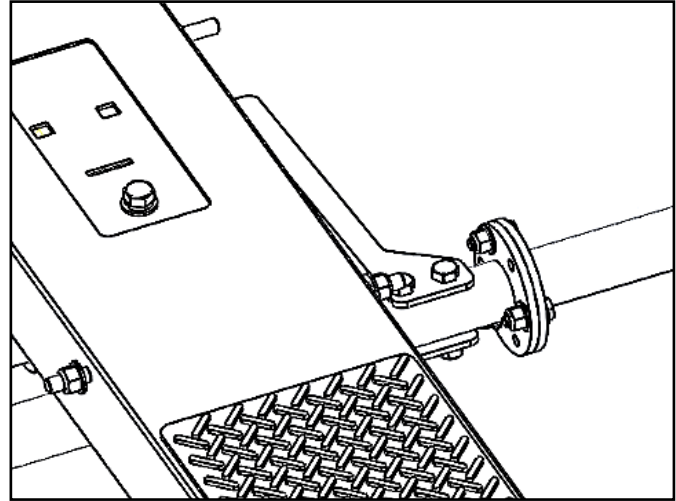
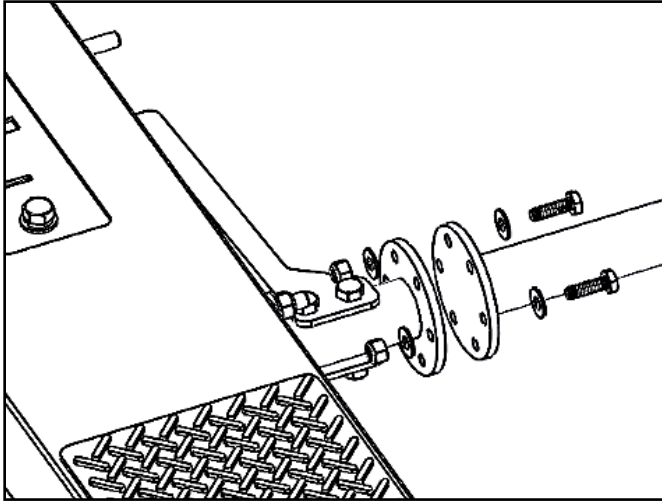
**NOTE: BE SURE THE BOTH FRONT AND REAR LADDER PANS ARE ALL THE WAY DOWN ON THE BOWS WHILE TIGHTENING.**



- Bolt torque tube to rear bow assembly using three 1/4" x 7/8" hex head bolts, six 1/4" flat washers and three 1/4" lock nuts.

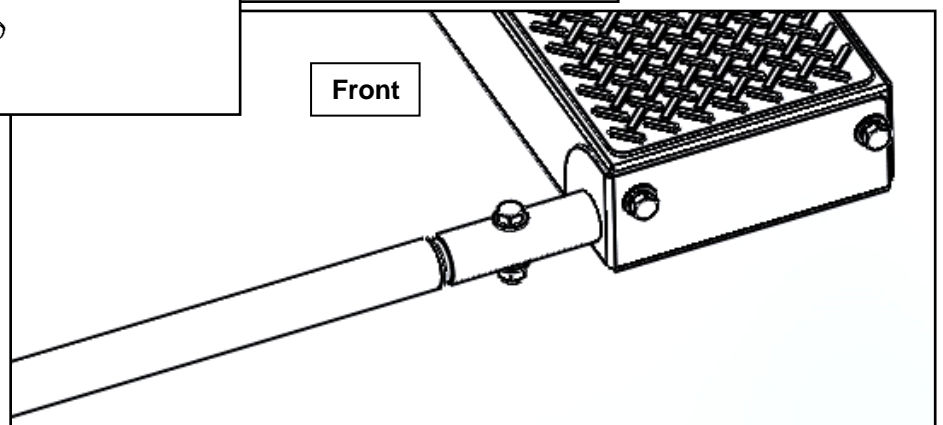
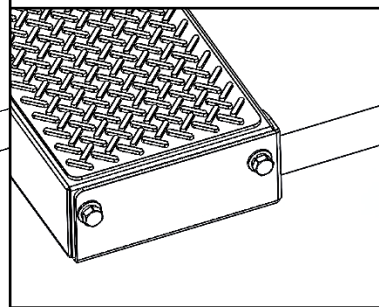
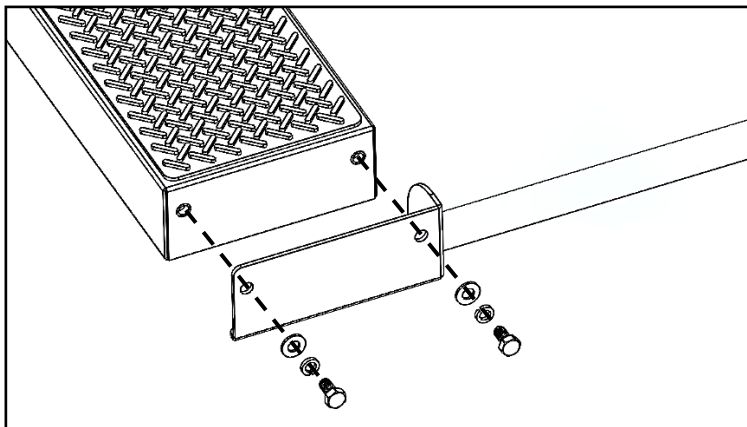
**We recommend putting a foam packing block under the front of torque tube to make it level while tightening.**

- Repeat process to bolt to the front bow assembly.



## **Step 4 – Install Ladder Pan Support**

- Attach support tube to the ladder pan as shown using 5/16" x 5/8" hex head with 5/16" lock washers and 5/16" flat washers.
- Repeat at front and rear bow.



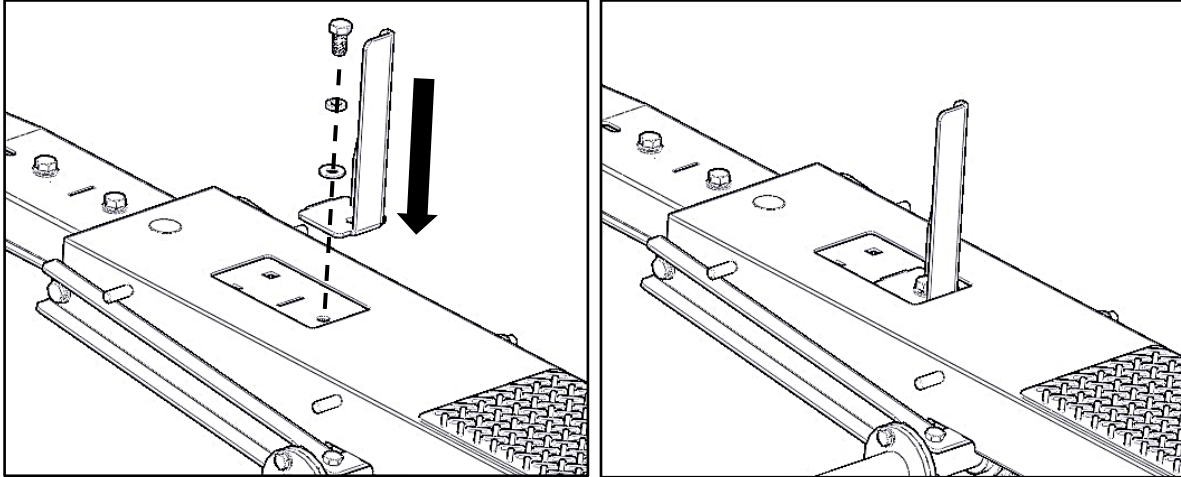


## **Step 5 – Install Ladder Stops and Ladder Hooks**

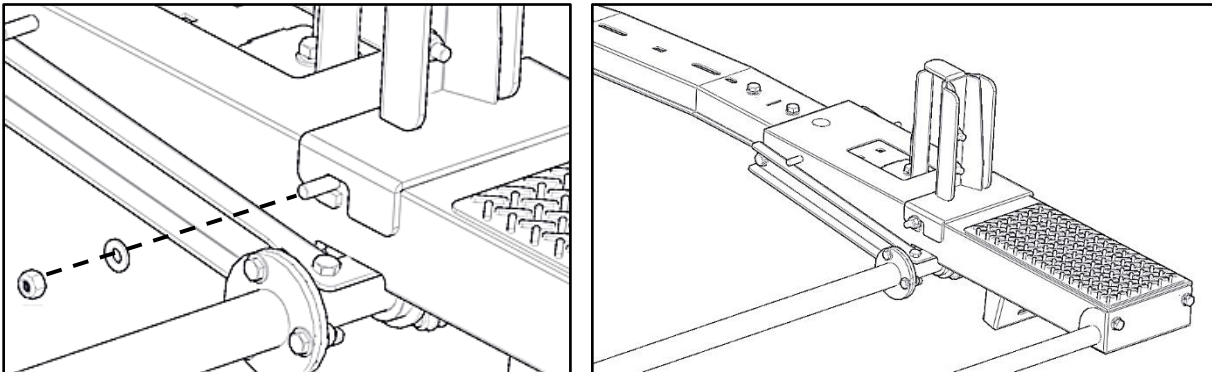
**THE LADDER STOP INSTRUCTIONS DIFFER DEPENDING LADDER TO BE USED.**

### **Extension Ladder Set-Up**

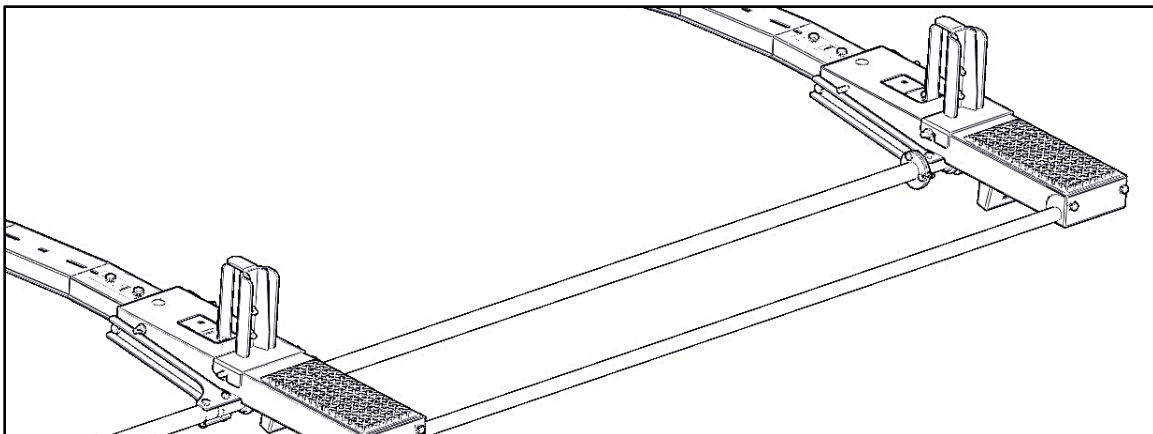
- On the front bow, remove 3/8" x 3/4" bolt, 3/8" split lock washer, and 3/8" flat washer from shown location.
- Using that same 3/8" hardware, install ladder stop to bow.



- Using a 5/16" flat washer and a 5/16" lock nut, bolt ladder hook to the lower position where the threaded studs are installed.
- Repeat on both sides of ladder hook.



- If using an extension ladder put the ladder stop at the same location on the front & rear bow assembly.

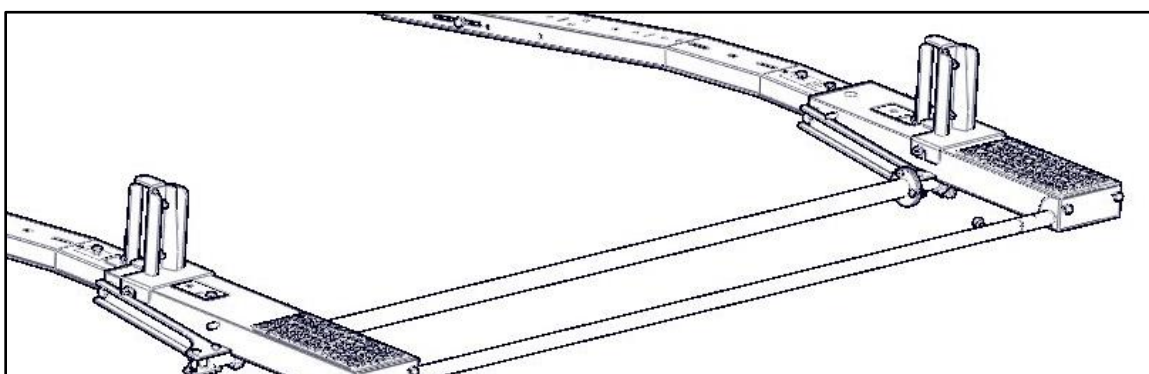
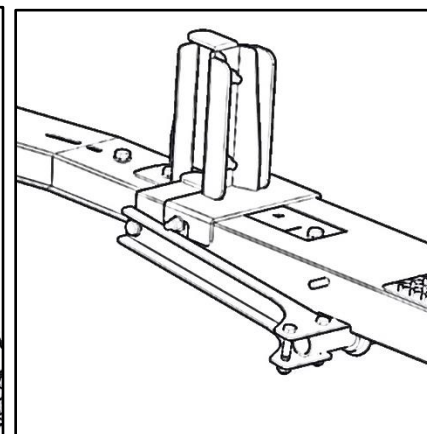
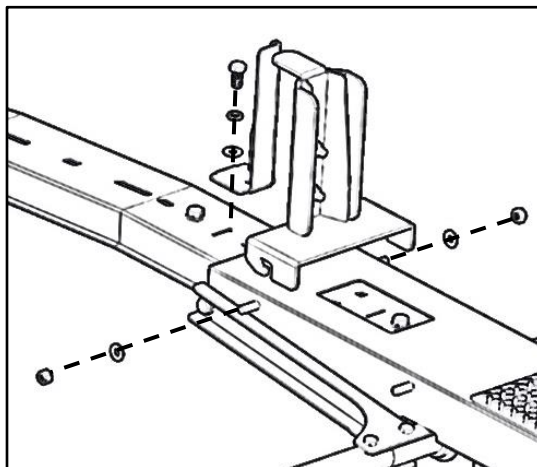




## Step Ladder Set-Up

If installing for a step ladder, move the ladder hook and ladder stop to the upper position **ON THE REAR BOW ONLY**.

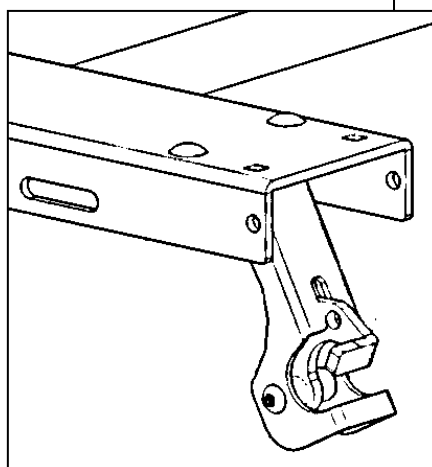
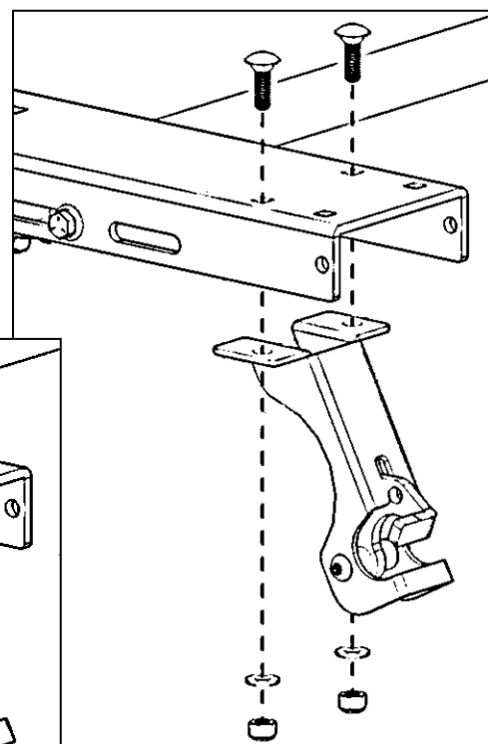
- Install using the 3/8" hardware into threaded studs farther towards the center of the bow.



## Step 6 – Install Latch

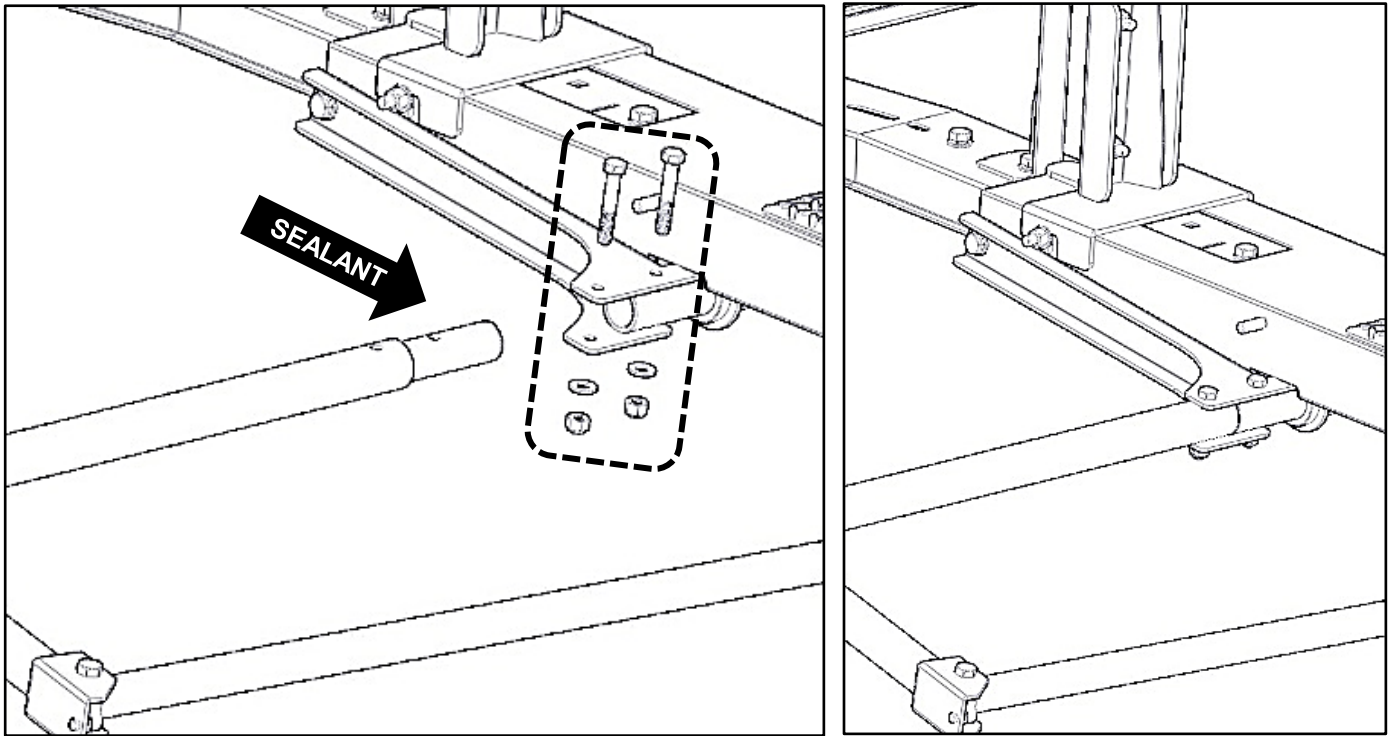
- Move rear pan assembly out of the way to expose the end of the cross member.
- Using 5/16" x 1" carriage bolts, 5/16" flat washers and 5/16" lock nuts, bolt through the middle set of square holes as shown.
- TIGHTEN.

**NOTE: Shown without pan for clarity.**



## **Step 7 – Install Handle**

- Attach the handle to the rear bow assembly.



## **Step 8 – Install Rack**

- If you built the rack on the bench, return to step 2.

**GO BACK AND ENSURE ALL HARDWARE IS TIGHT.**

**YOUR INSTALLATION IS NOW COMPLETE.**