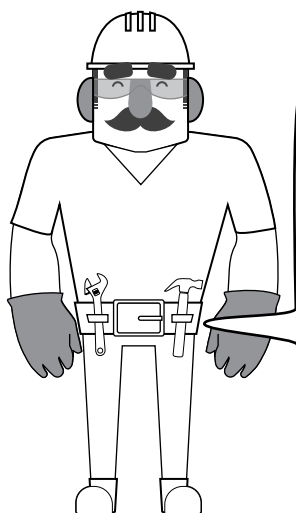


## INSTALLATION INSTRUCTIONS: 47" TALL PREMIUM STEEL SHELVING



### TOOLS NEEDED:



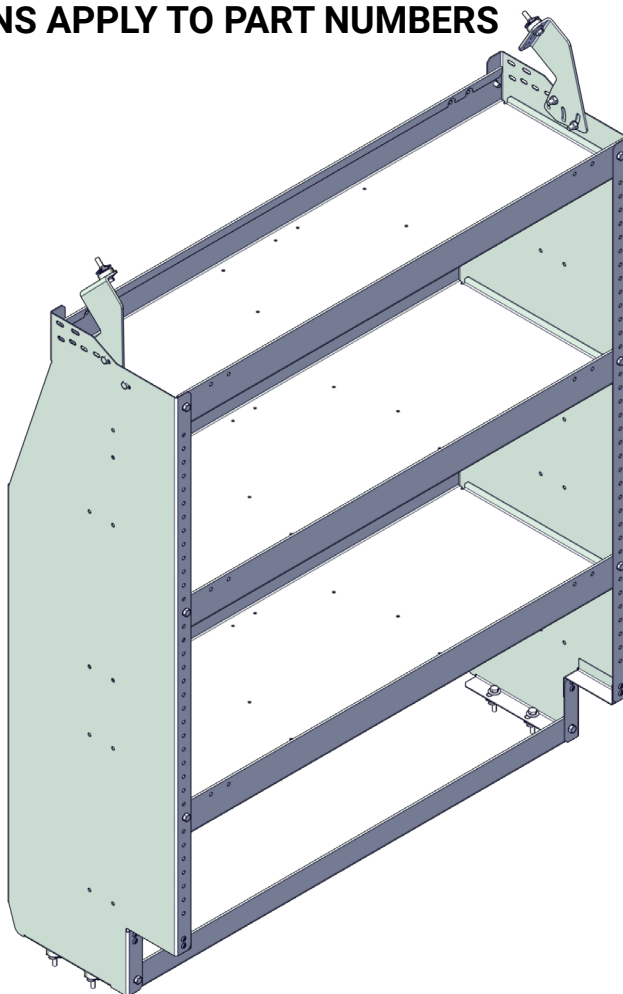
### CAUTION:



This equipment is designed to be professionally installed by an approved upfitter. Always wear the appropriate Personal Protection Equipment as outlined by your local government and exercise caution when installing Westcan Manufacturing products. Westcan Manufacturing is not responsible for any damage done to the vehicle resulting from a poorly planned and/or executed installation. Both the installer and vehicle owner accept responsibility to properly install and operate Westcan Manufacturing products.

### THESE INSTRUCTIONS APPLY TO PART NUMBERS

- 22-3501
- 22-3502
- 22-3503
- 22-3504



## PREPARATION:

1. Ensure all parts are present and accounted for before installation. Plan the location of your installation ahead of time and make sure your installation location does not impede any other components you are installing or damage the safety and functionality of your vehicle.
2. Every installation is different and can present its own unique challenges. Some hardware and interior trim may need to be altered to fit unique applications.
3. Exercise extreme diligence when drilling holes into a motor vehicle. Increasing complexity and model year changes can alter the location of fuel, hydraulic and electrical lines. Please visually inspect all locations prior to drilling.

## CAUTION:

4. Use drill stops whenever drilling a hole in your vehicle. Set the drill stop depth to the minimum effective depth required to drill the hole.

MAXIMUM LOAD RATING PER SHELF = 140 LBS OR 63.50 KG

MAXIMUM LOAD RATING PER SHELVING UNIT = 360 LBS OR 163.25 KG

## INSERT NUT INSTALLATION:

**REFER BACK  
WHEN INSERT  
NUT IS USED.**

**- Torque to 25 ft-lb to fully  
collapse the insert nut.**

Insert Nut For Up To 1/4" Thick Material.

Drill A 3/8" Hole For Insert Nut

Exposed Metal Floor or Rib.

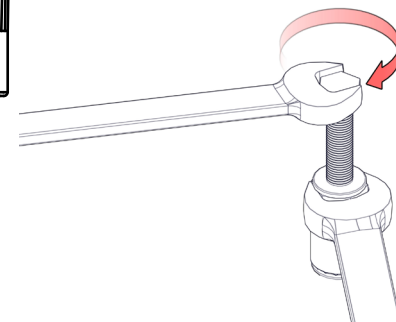
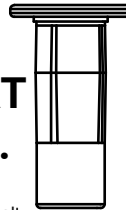
1" Counter-bore Through Plywood Floor or Rubber Floor  
Mat and Install 1" Aluminum Spacers.

Black 1/4" X 2-1/4" Install Bolt

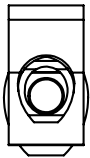
1/4" Washer

Install Tool

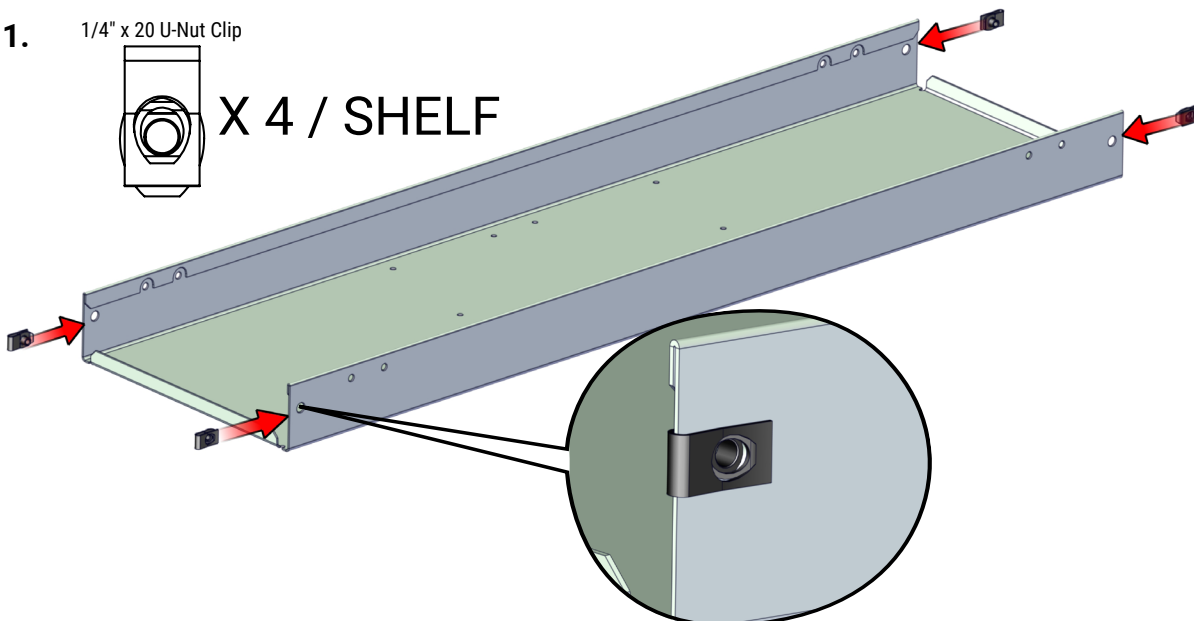
Insert Nut



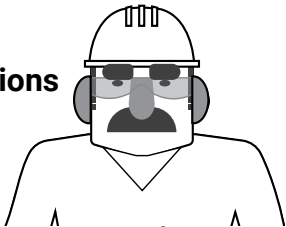
1. 1/4" x 20 U-Nut Clip



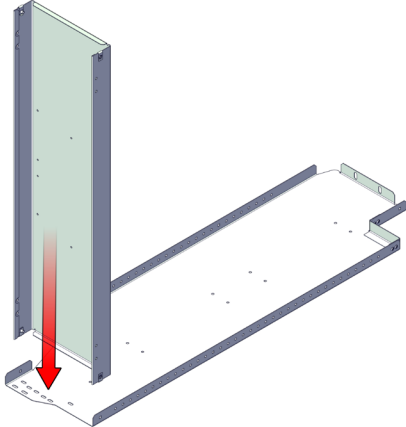
**X 4 / SHELF**



2. Square Holes = Recommended for shelf mounting locations

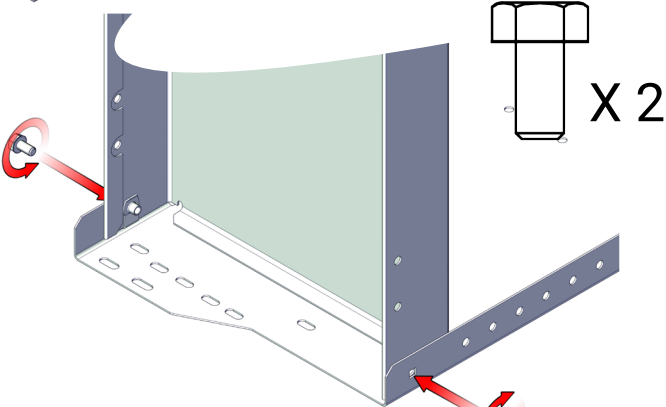


3.

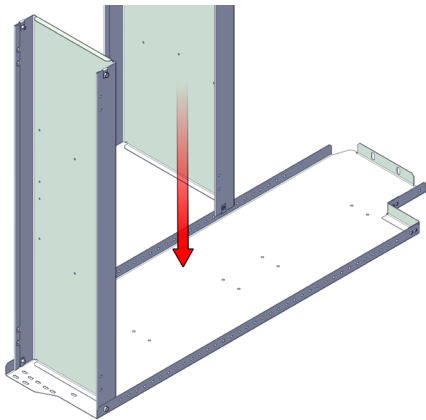


1/4" X 1/2" Zinc Plated Flange Hex Bolt

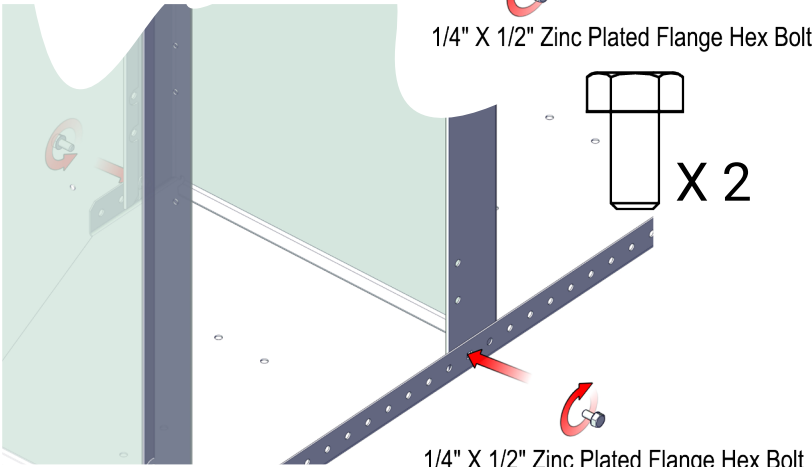
4.



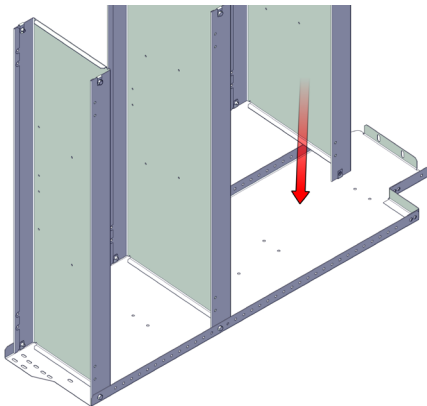
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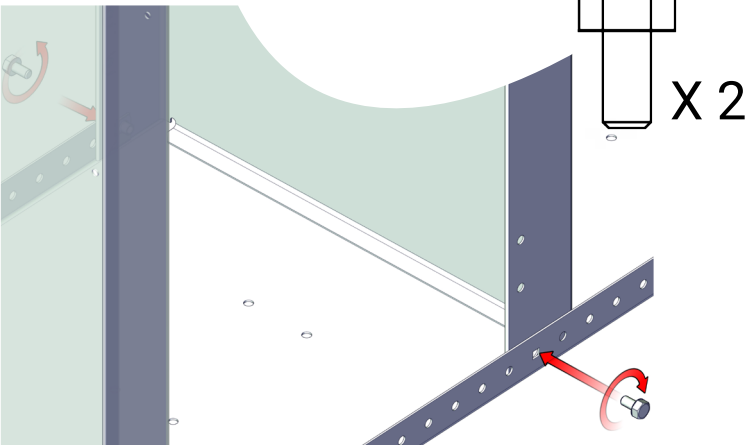
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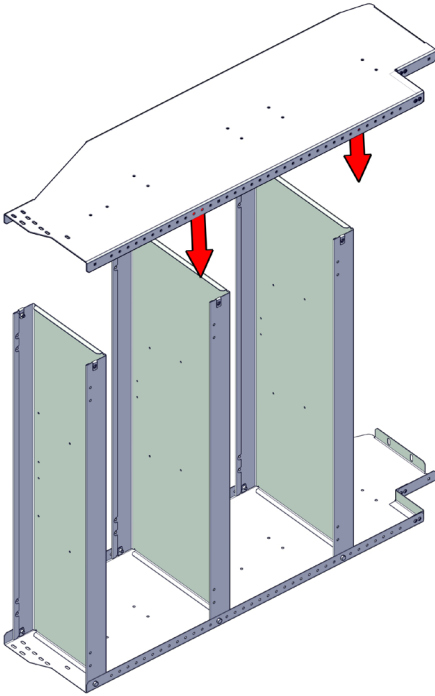
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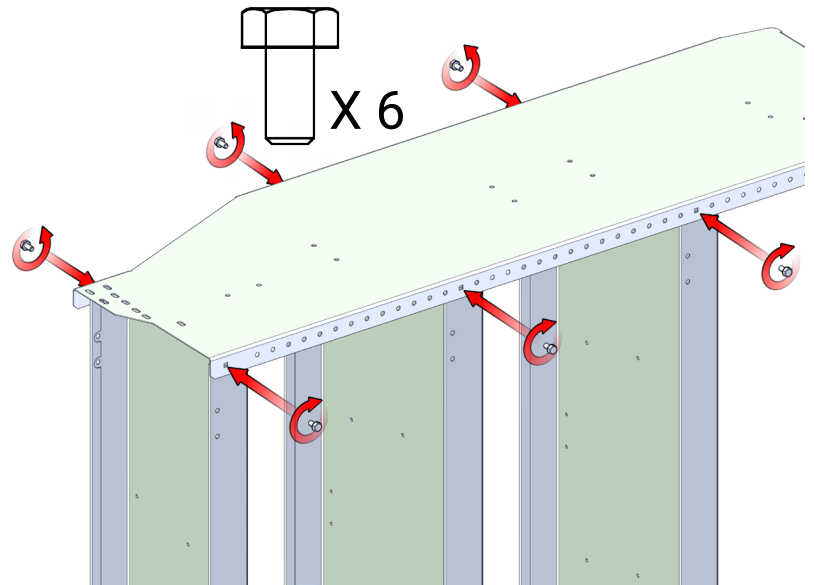
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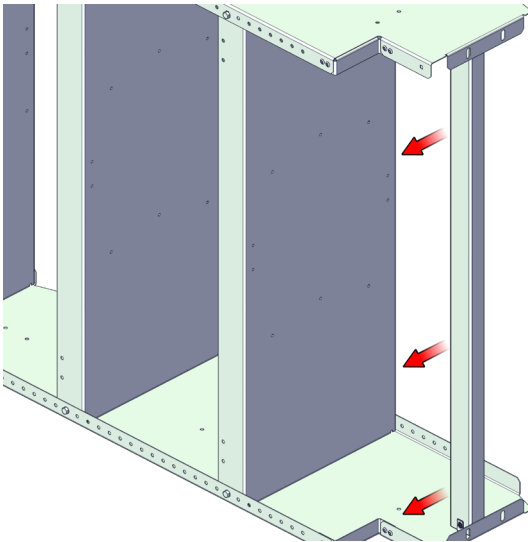
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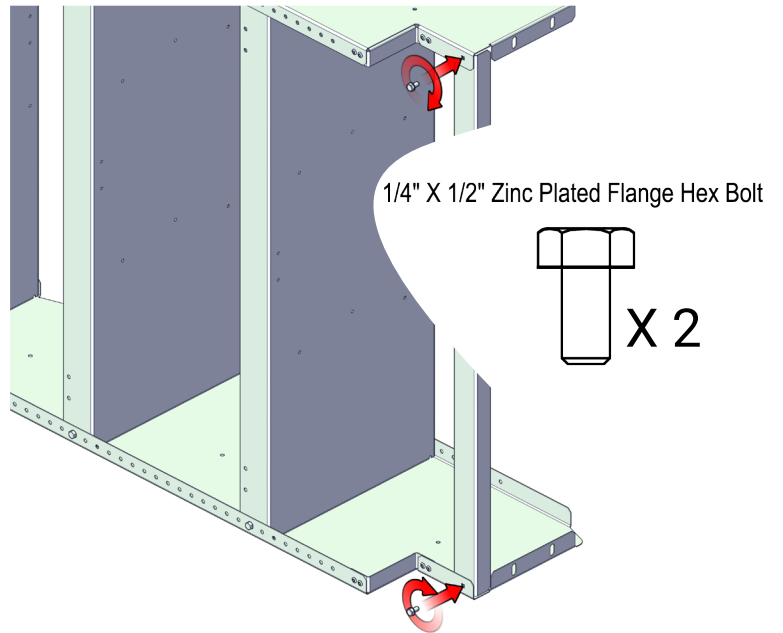
10. 1/4" X 1/2" Zinc Plated Flange Hex Bolt



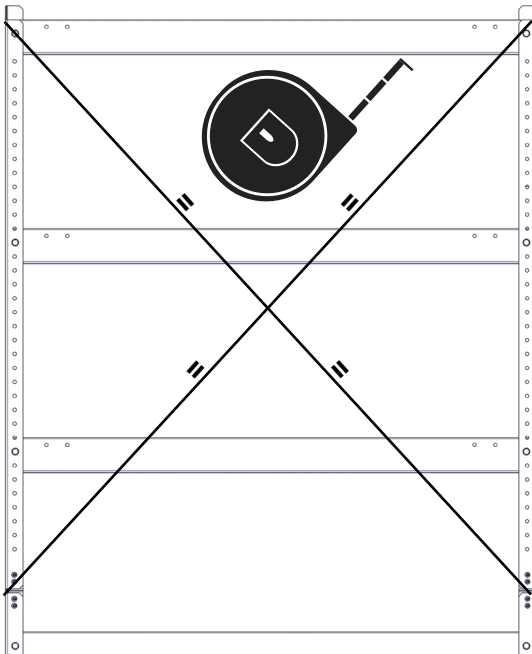
11.



12.

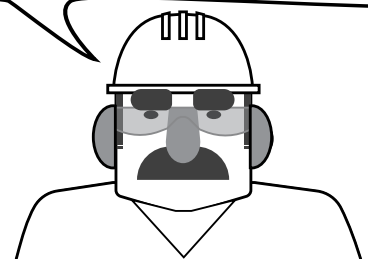


13.



### SQUARE THE SHELVING UNIT

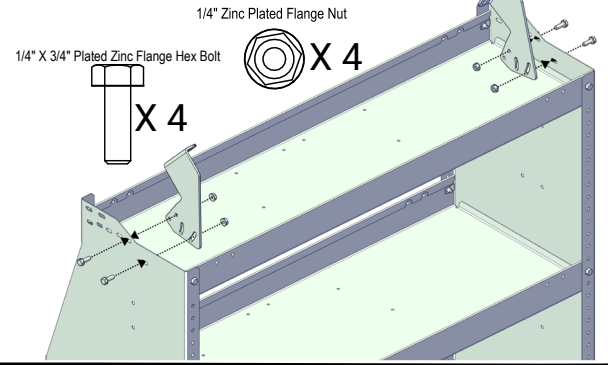
- MEASURE DIAGONALLY FROM THE UPPER-LEFT CORNER TO LOWER-RIGHT CORNER ABOVE THE SHELF RELIEF.
- MEASURE DIAGONALLY FROM UPPER-RIGHT CORNER TO LOWER-LEFT CORNER ABOVE THE SHELF RELIEF.
- SHELVING UNIT IS SQUARE WHEN THE TWO DIAGONAL MEASUREMENTS EQUAL EACH OTHER. IT MAY BE NECESSARY TO LOOSEN THE SHELVING BOLTS SLIGHTLY TO SQUARE THE UNIT. RE-TIGHTEN ONCE SQUARE.



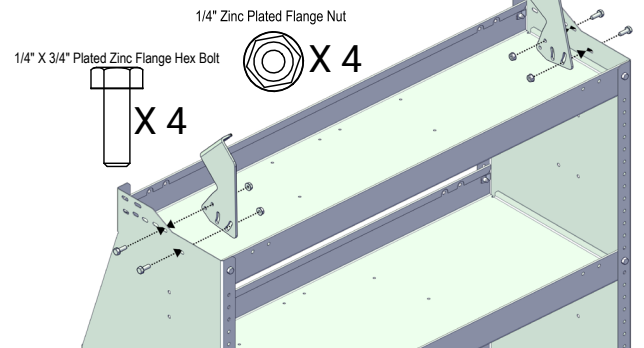


14.

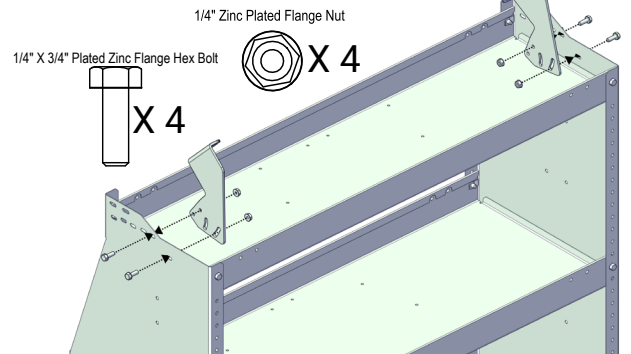
### EXPRESS/SAVANA UPPER MOUNT POSITION



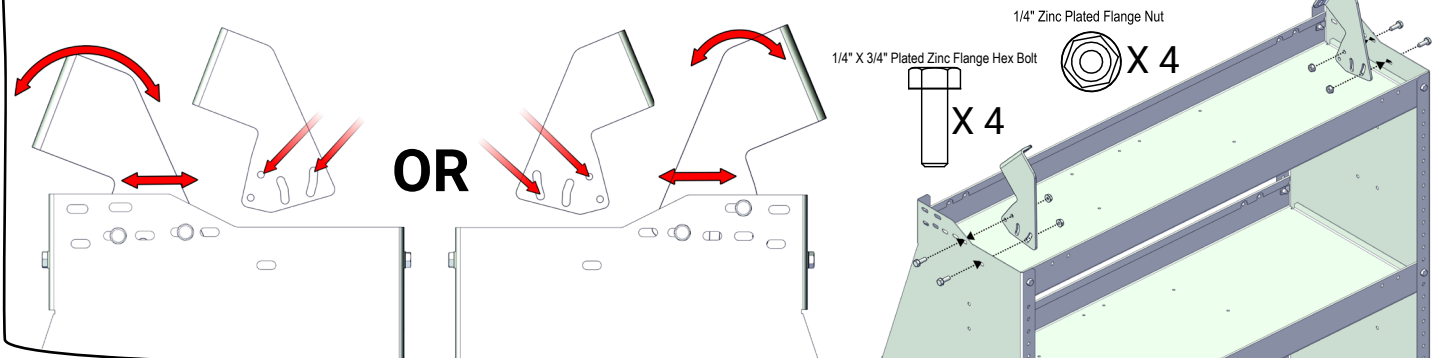
### TRANSIT LOW ROOF UPPER MOUNT POSITION



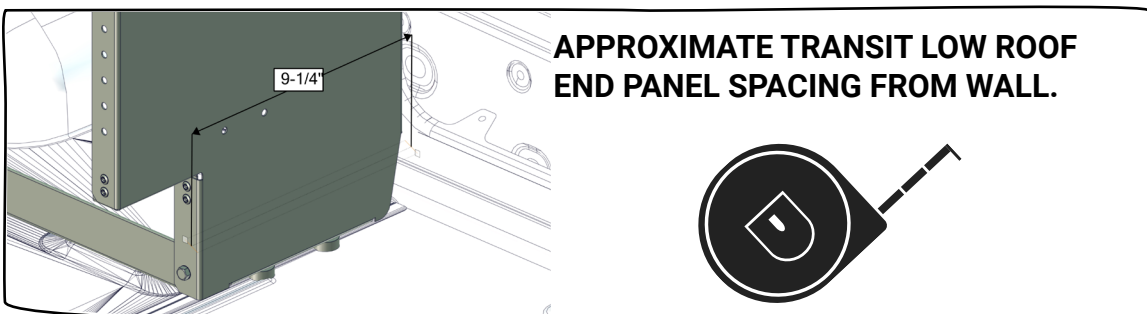
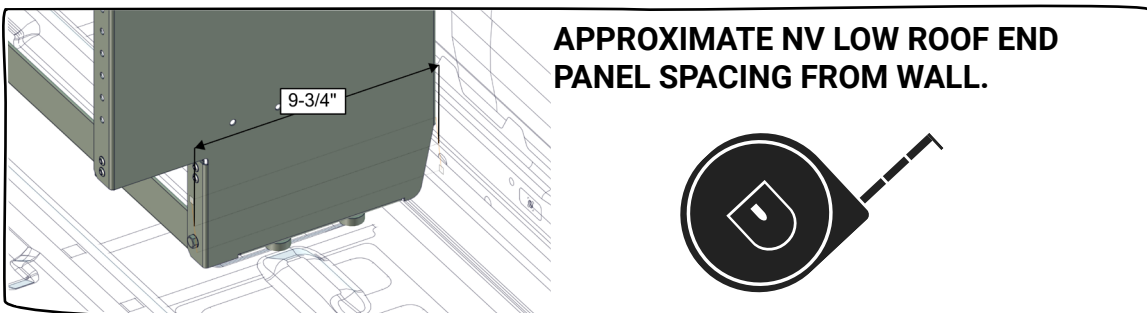
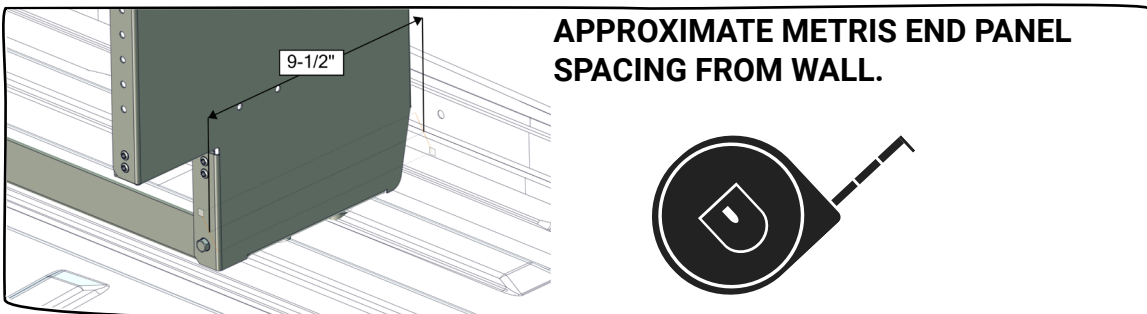
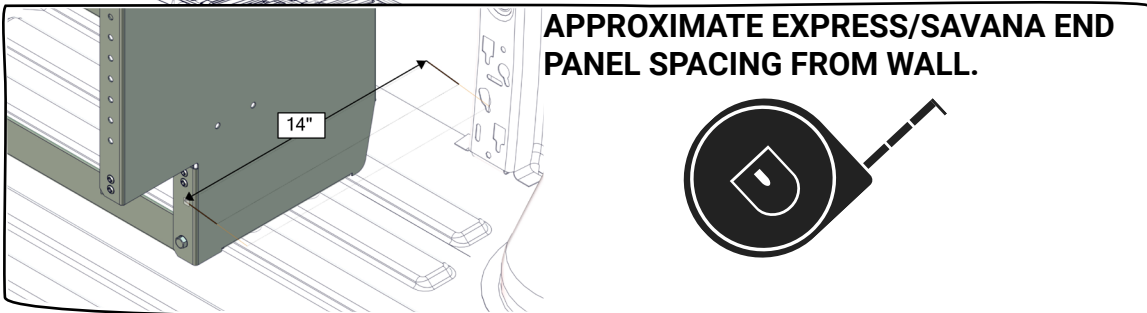
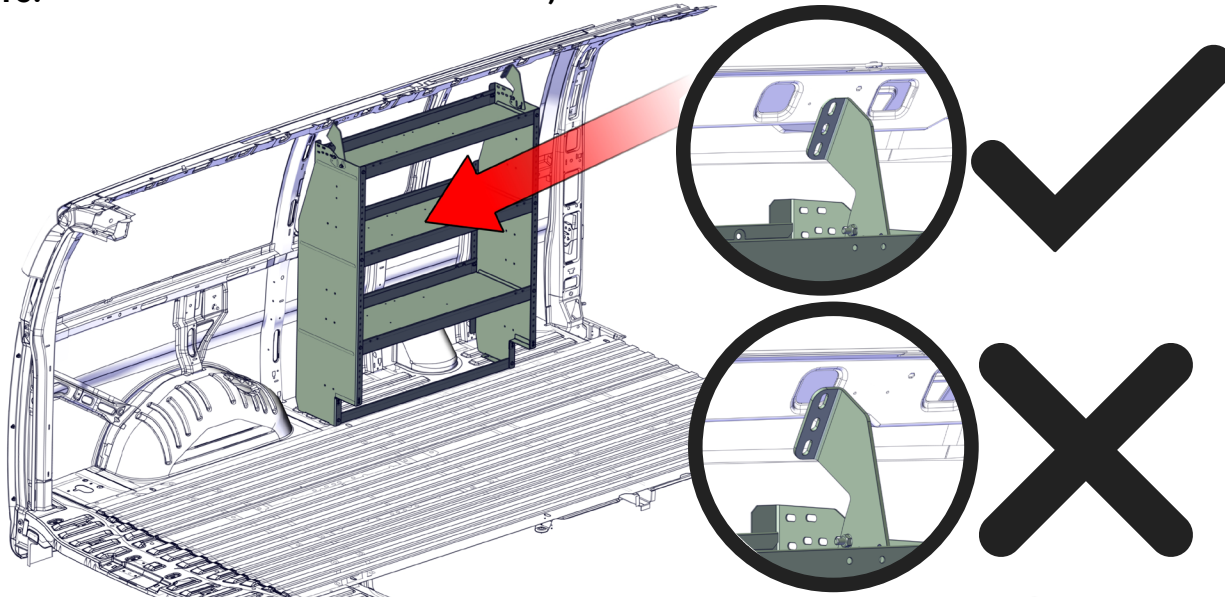
### NV LOW ROOF UPPER MOUNT POSITION



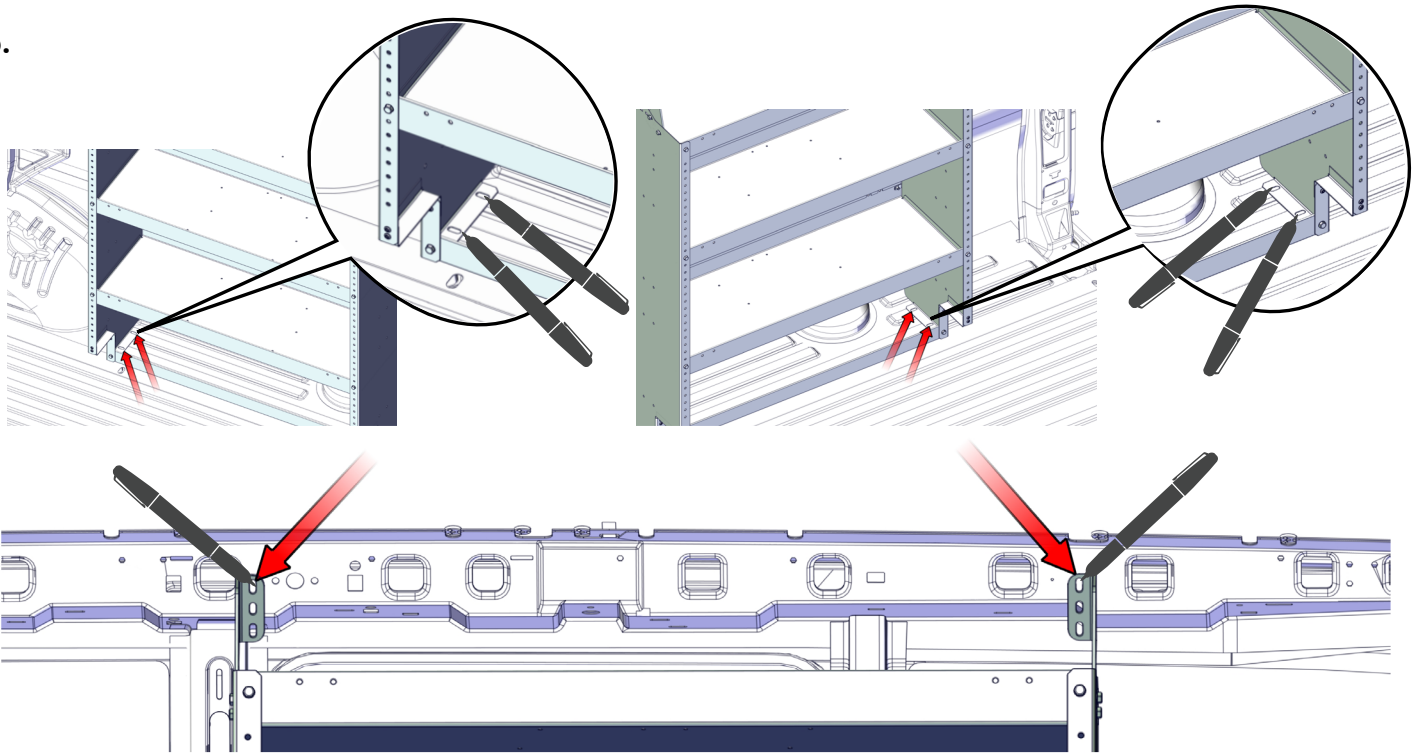
### METRIS UPPER MOUNT POSITION



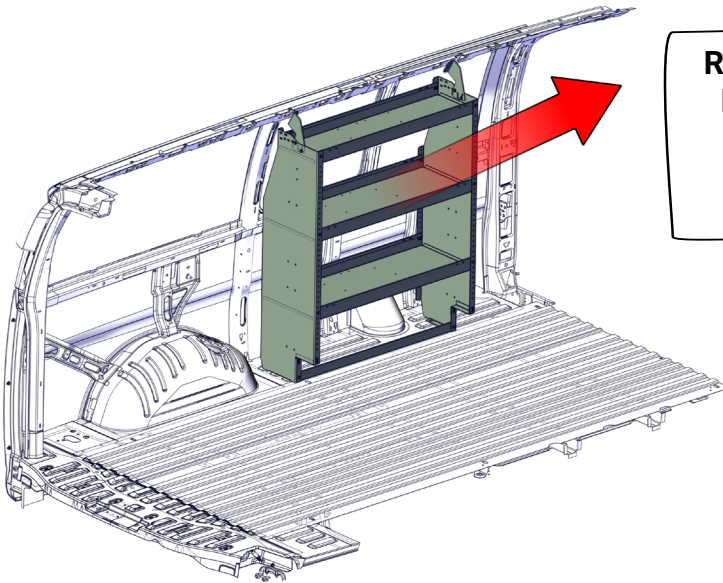
**15. TYPICAL INSTALLATION SHOWN; VISUAL DETAILS MAY VARY FROM YOUR INSTALLATION.**



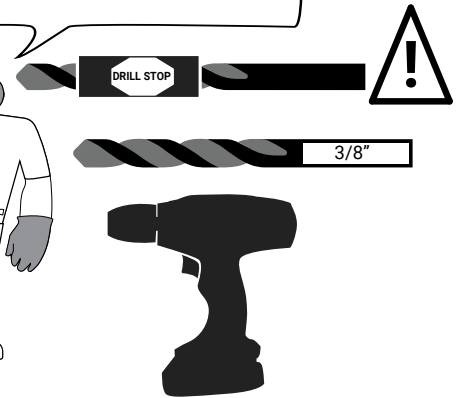
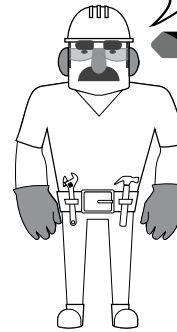
16.



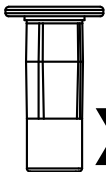
17.



**REMOVE SHELVING UNIT AND  
DRILL MARKED LOCATIONS  
WITH A 3/8" DRILL BIT FOR  
INSERT NUTS.**

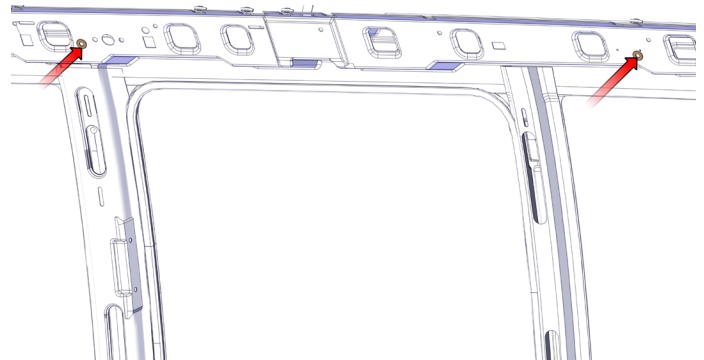
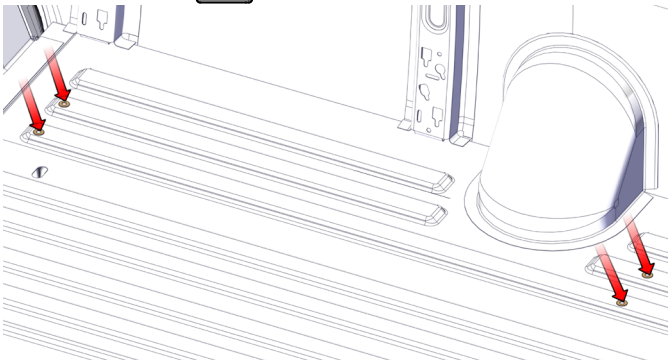


18. 1/4" - 20 Zinc Plated Insert Nut



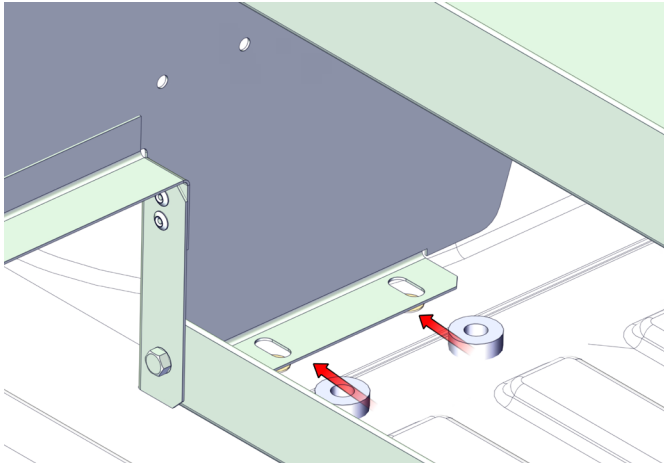
**SEE PAGE 2 INSERT NUT INSTALL PROCEDURE.**

**X6**

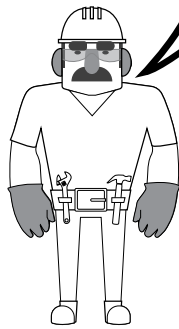
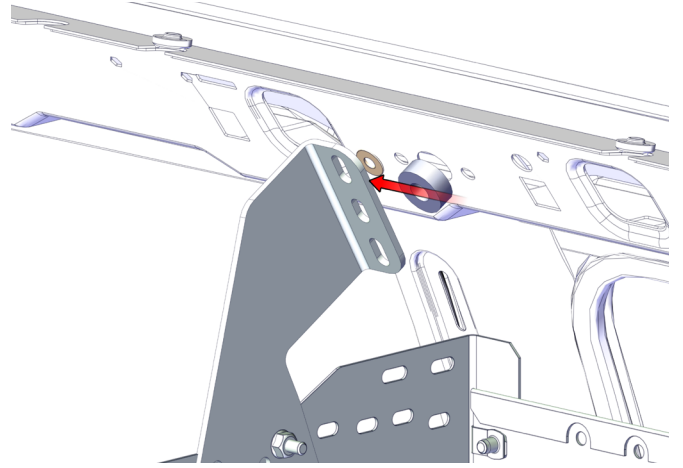


## PRO-TIPS

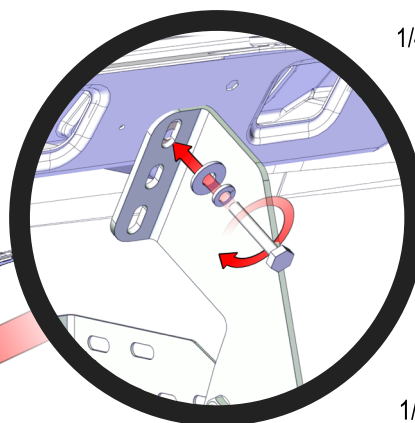
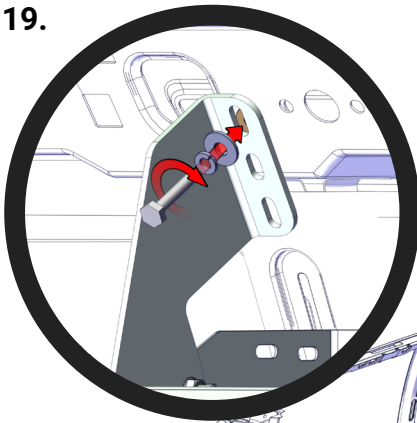
IF THE END PANEL MOUNTING SLOTS DO NOT REST ON A FLOOR RIB: USE THE PROVIDED SPACERS WHEN MOUNTING TO THE FLOOR.



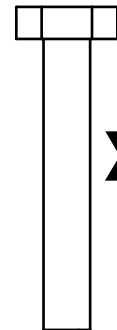
IF THE BRACKET DOES NOT SIT FLUSH TO THE CEILING RIB: USE THE PROVIDED SPACERS WITH THE UPPER MOUNTING BRACKET.



19.

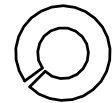


1/4" x 1 1/2" Zinc plated Hex Bolt



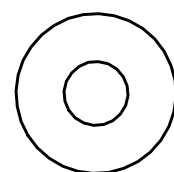
**X6**

1/4" Plated Zinc Lock Washer

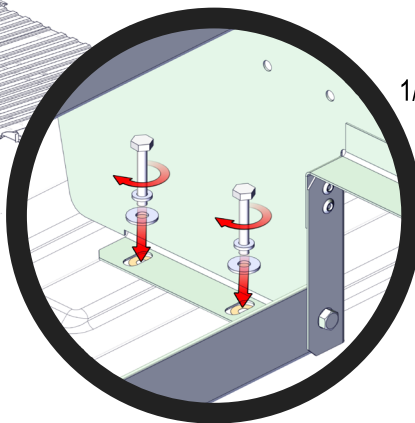
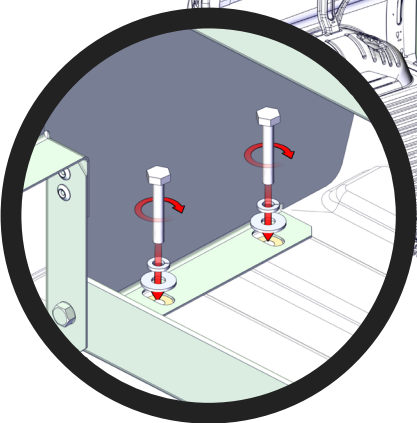


**X6**

1/4" Plated Zinc Washer



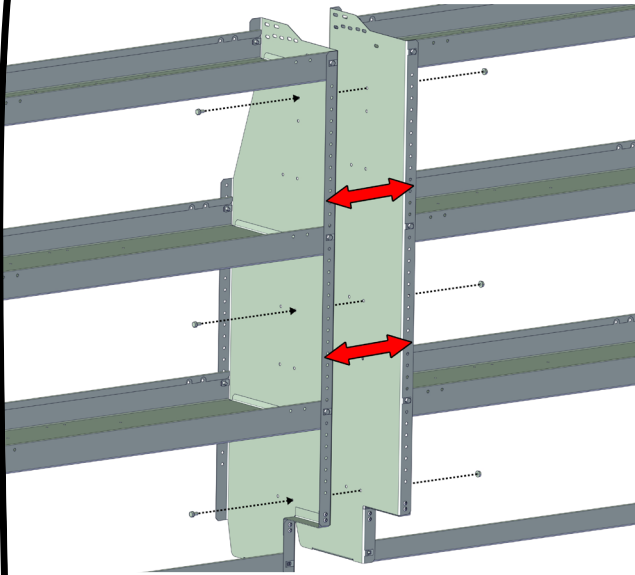
**X6**





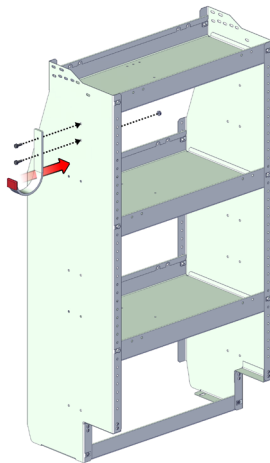
## PRO-TIPS

WHEN PROPERLY INSTALLED, SHELVING UNITS ALONG WITH OTHER SELECT ACCESSORIES CAN BE BOLTED TOGETHER THROUGH PRE-PUNCHED HOLES FOR A FLUSH INSTALLATION.

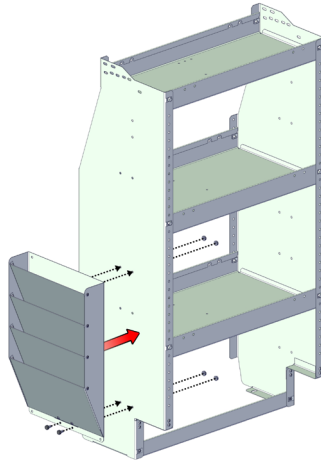


AVAILABLE ACCESSORIES BOLT THROUGH PRE-PUNCHED HOLES TO HELP INCREASE THE FUNCTIONALITY OF YOUR SHELVING SYSTEM IN AN EASY TO INSTALL PACKAGE.

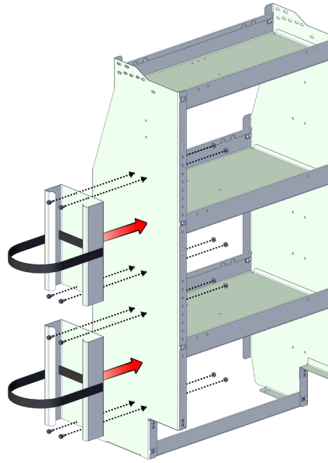
ACCESSORY HOOKS



DOCUMENT STORAGE



CYLINDER MOUNTS



LOCKING DOOR FRONTS

