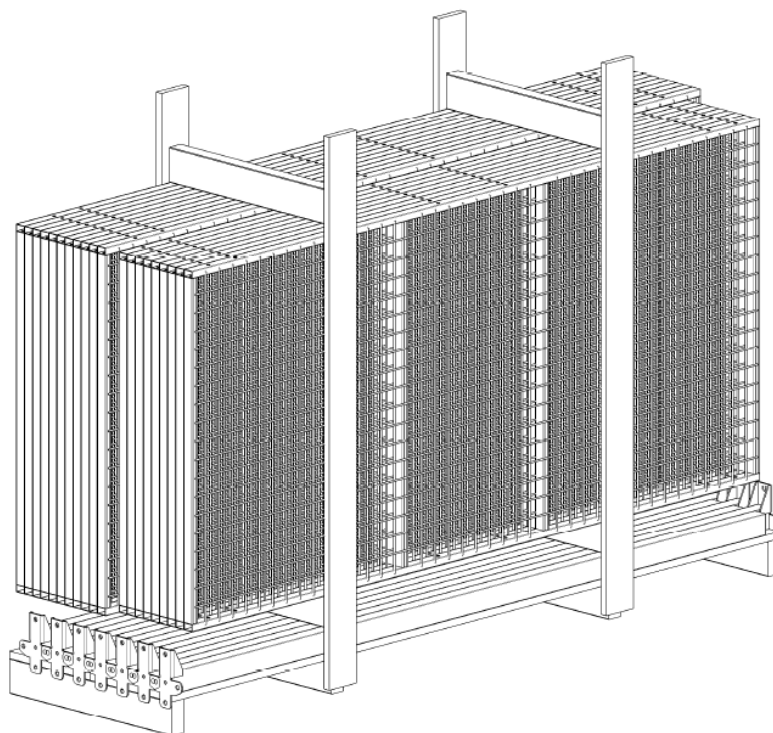# Rack Backing Installation Instructions

# Rack Backing Installation Instructions

If you will read all of these instructions before you begin, you will save yourself a lot of grief and potentially the need for more materials.

## Step 1

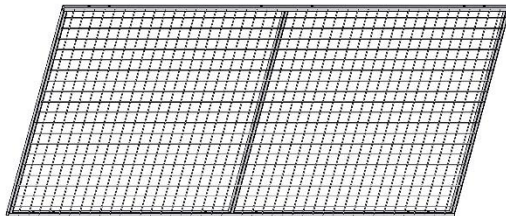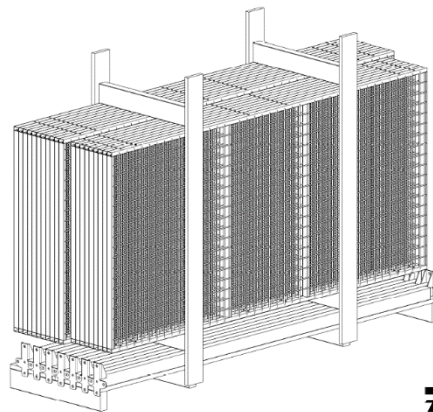Inspect skid with delivered material:



- Look for damaged panels, open holes in packaging, or obviously missing material.
- If the material is damaged or clearly missing, take pictures and note the discrepancy
- Do not return the skid with the shipper
- Notify Troax of any damaged or missing parts so they can be replaced.  PH # 615.730.7581
- Send the pictures of damaged material

# Rack Backing Installation Instructions

## Step 2

Open container and inventory material comparing what is there with what is on the bill of lading.



- ❯ If parts are missing, take pictures and note the discrepancy and contact Troax for replacement parts.
- ❯ Do not return the order with the shipper

![TROAX logo - Follow Me]

# Rack Backing Installation Instructions

## Step 3

Confirm you have tools to complete the installation. While the power tools can make the job easier, they exceed what is required. The picture below includes:
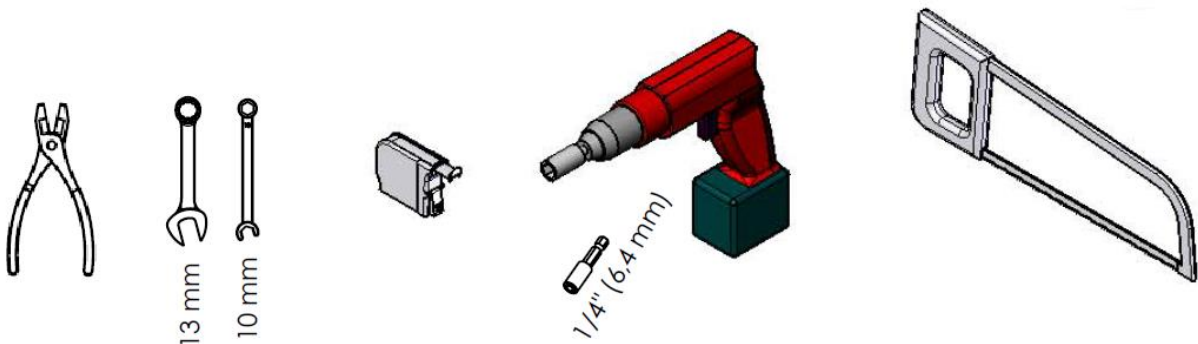


❯ Battery powered drill with ¼" drive.
❯ 13mm and 10mm socket, ratchet, and open end wrenches. YOU WILL ALSO WANT A METRIC TAPE MEASURE
❯ Hacksaw, grinder, or circular saw with metal blade to adapt panels
❯ Rubber mallet
❯ Bolt cutters or heavy duty wire cutters to cut the wire
❯ 4' level for verify the above panel is perpendicular to the floor (only needed if there are panels above the racks).
❯ Not shown is a scissor lift to give you access to the higher elevations. Ladder will work but is not optimal.

# Rack Backing Installation Instructions

## Step 4

Using your metric tape measure, determine which size panels go where. This will be best done by reviewing the plan layout for the project:
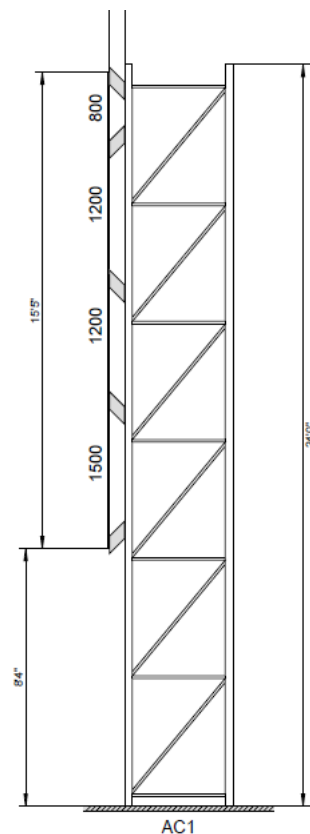

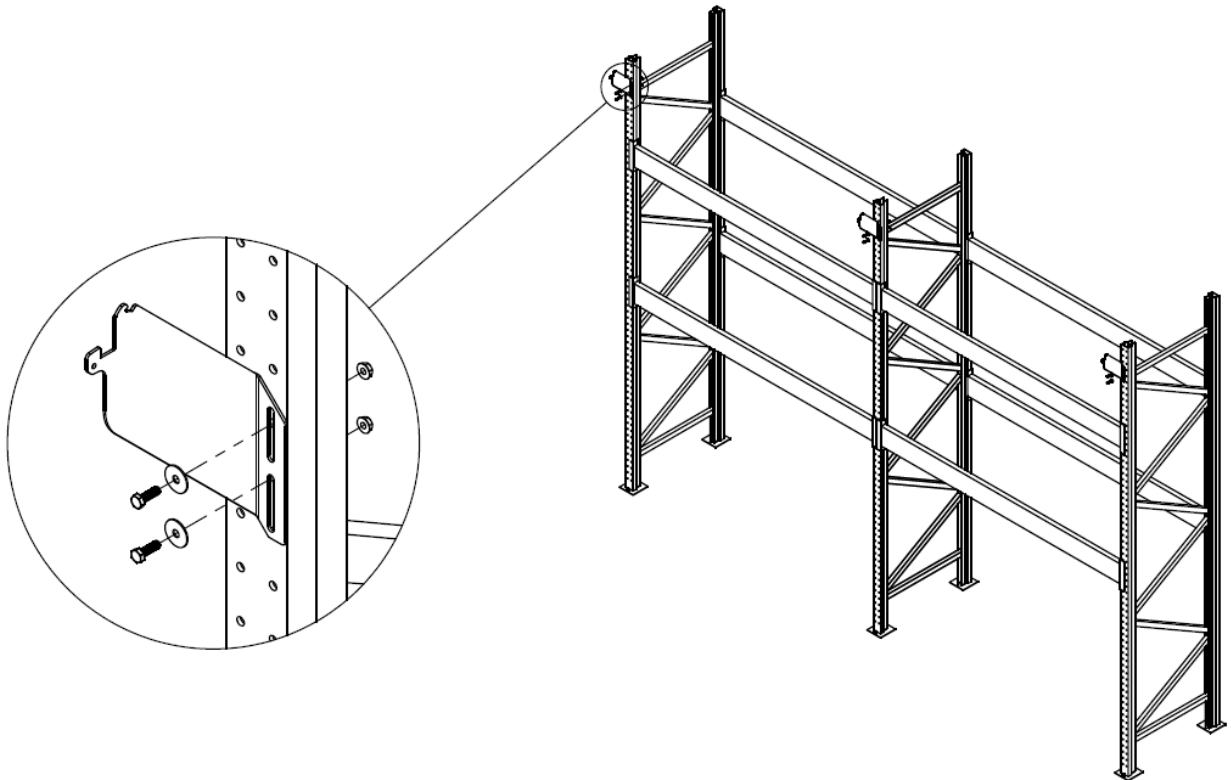
- ❯ The project layout with show the panel height for each row of pallet rack backing partitions, in millimeters.
- ❯ In this example, you can see that the top row is 800mm tall with two 1200mm rows and 1500mm for the bottom row.

# **Rack Backing Installation Instructions**

## **Step 5**

Install the top row of offset brackets as shown below (top row only)
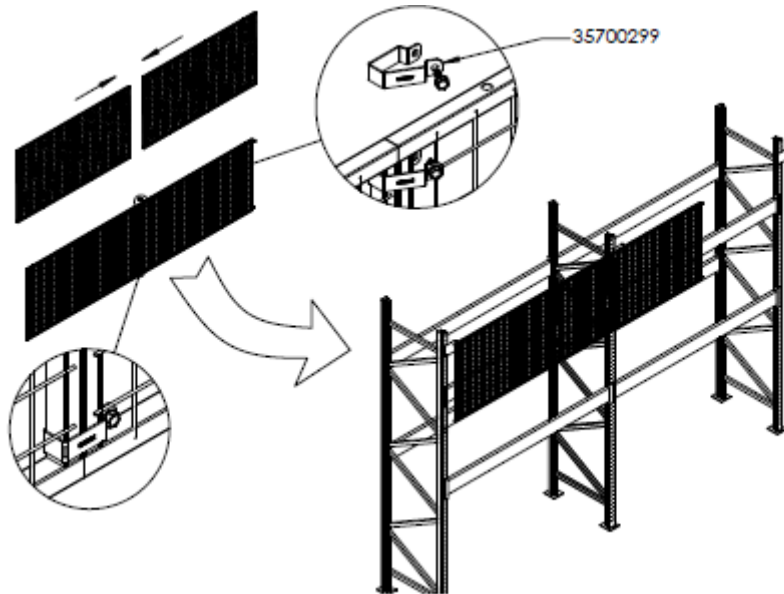


- ❯ The offset brackets are slotted to allow for some vertical adjustment
- ❯ While the offset brackets will fit in both the left and right side of the rack upright, it is recommended that the bracket be installed on the inboard side of the first and last uprights in the row

## **Step 6**

Combine the first two panels and install the top row of panels



- ❱ Using clasp 35700299 combine two panels.  Install one bracket at the top and one at the bottom as shown above (This is done only on the top row – see step 10 for position of remaining clasps)
- ❱ The clasp needs to be installed next to the horizontal and vertical frame (right in the corner).
- ❱ The clasps do not need nuts to go with the bolts.  They are threaded on one side
- ❱ You will need a 10 mm socket to make the attachment
- ❱ Secure the bolt but take care not to strip the threads
- ❱ Continue installing panels on this row using clasp 35700299 until you reach the last panel on the right end of the row.

# Rack Backing Installation Instructions

## Step 7

Install the end profile on the last panel on the right end of row



700 mm  35800821
1200 mm  35800851
1500 mm  35800861
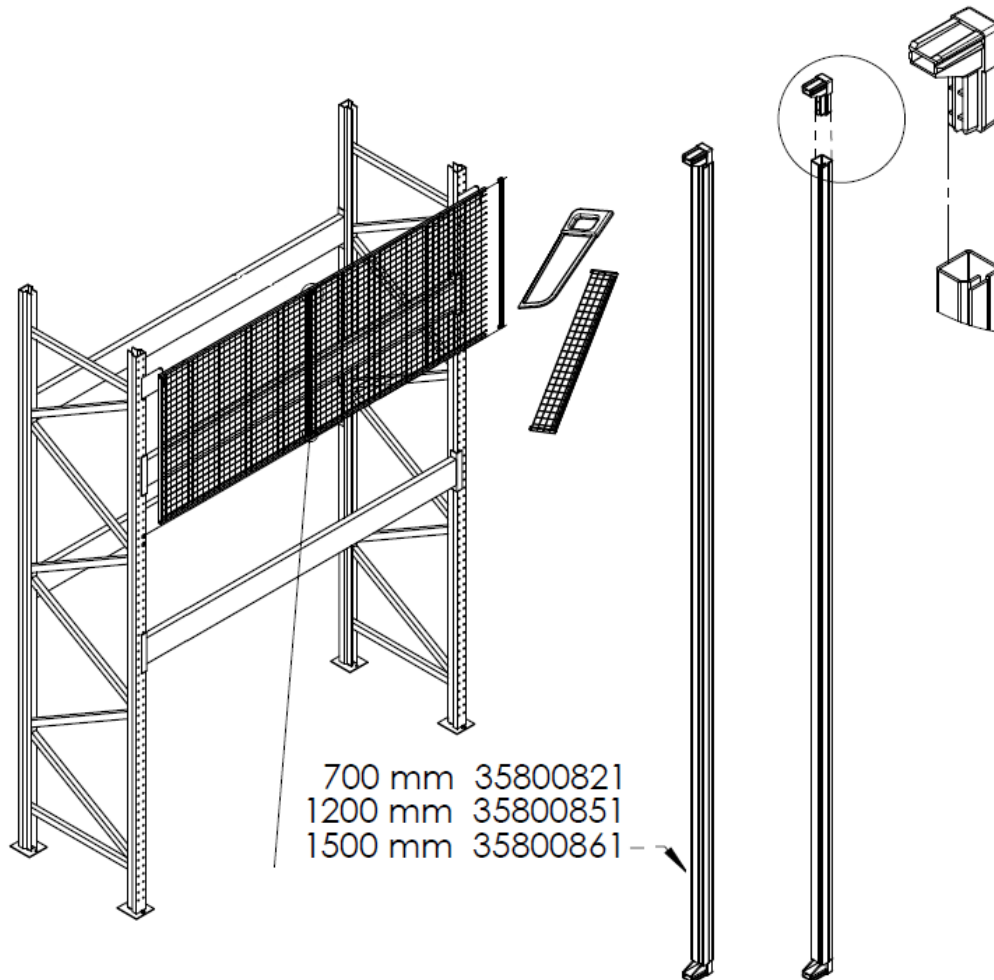
❯ This is easier to do on the ground but not a requirement
❯ Measure how long the panel will need to be
❯ Cut the horizontal frame allowing for the width of the end profile to meet your required length
❯ Slip the plastic corner pieces into the end profile
❯ Starting at one end, insert the plastic corner in place and then work the cut wire into the slot on the end profile
❯ Use a rubber mallet to tap it in place as you work the wire into the slot
❯ You are now ready to hang the last panel on the row

# Rack Backing Installation Instructions

## Step 8

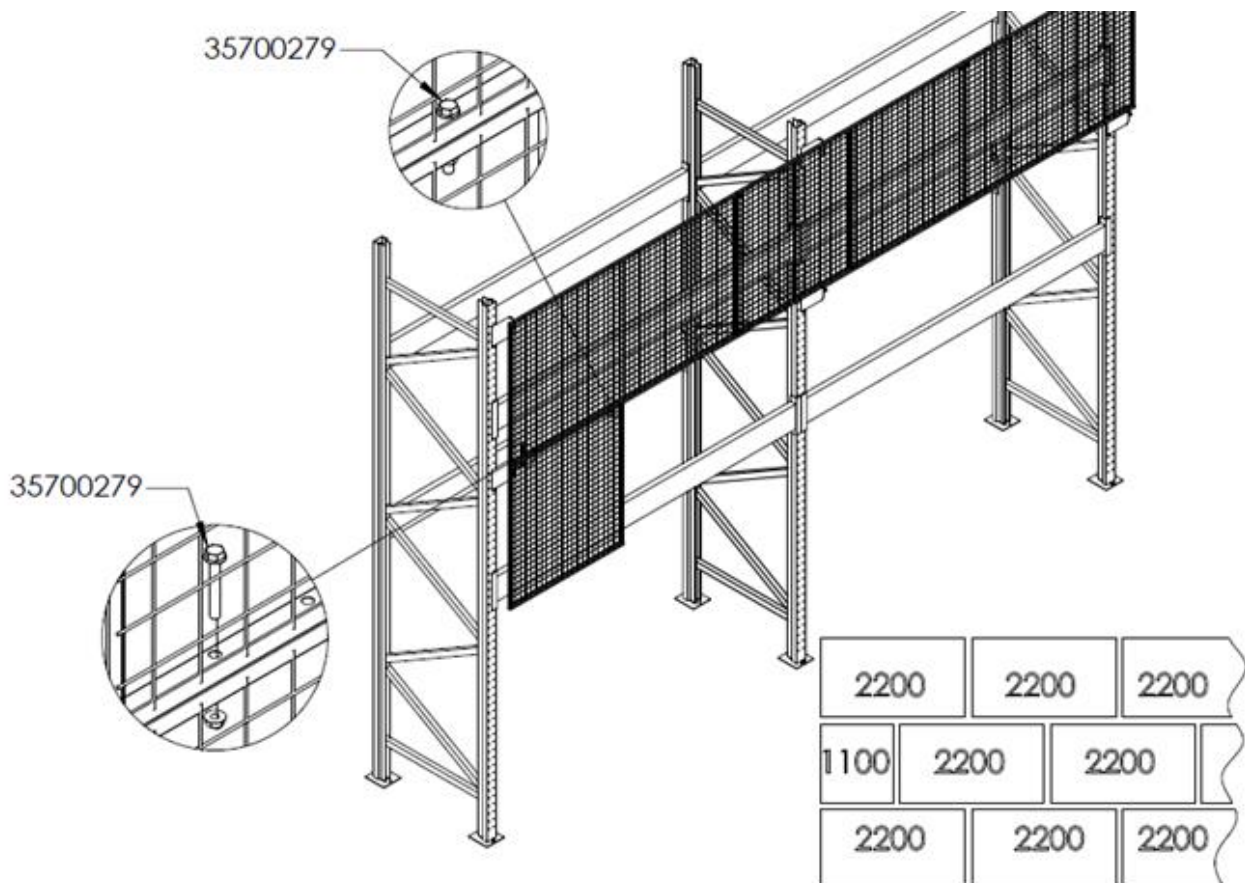Install locking clips over the panels at each offset bracket
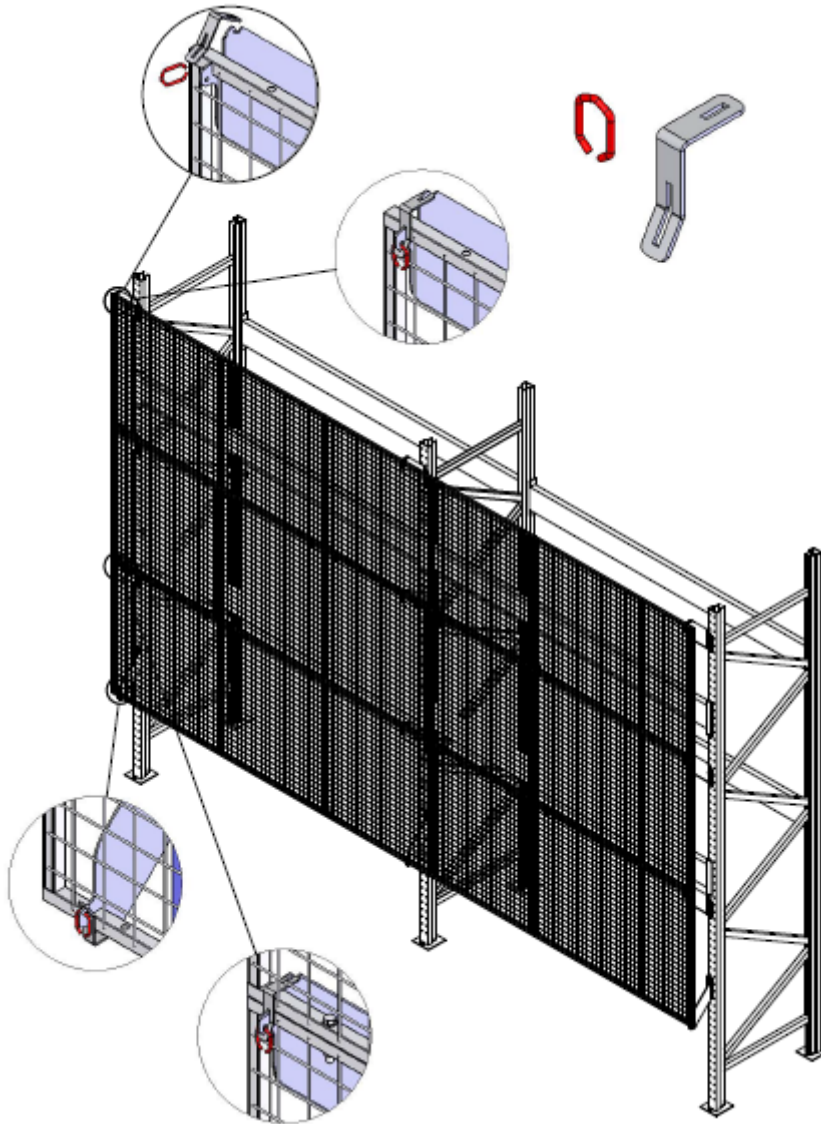


- ❯ As you install a panel, secure it to the offset bracket with clip noted above
- ❯ Install the red security pin
- ❯ Continue securing the panels as you hang the panels

## Step 9

Install the second row of panels and follow project design layout for all subsequent rows



❯ The second row of panels starts with a half panel. This is necessary to create the brick pattern noted above. *Please refer back to project design layout – occasionally the top row will start with a half panel and the 2$^{nd}$ row will start with a full panel.

❯ Use bolt and nut 35700279 to attach the second row of panels to the row of panels above it.

# <u>Rack Backing Installation Instructions</u>

❯ For easiest installation, mount the brackets for the second row of panels AFTER you have secured the 2$^{nd}$ row to the row above. Continue in this manner for all remaining rows.
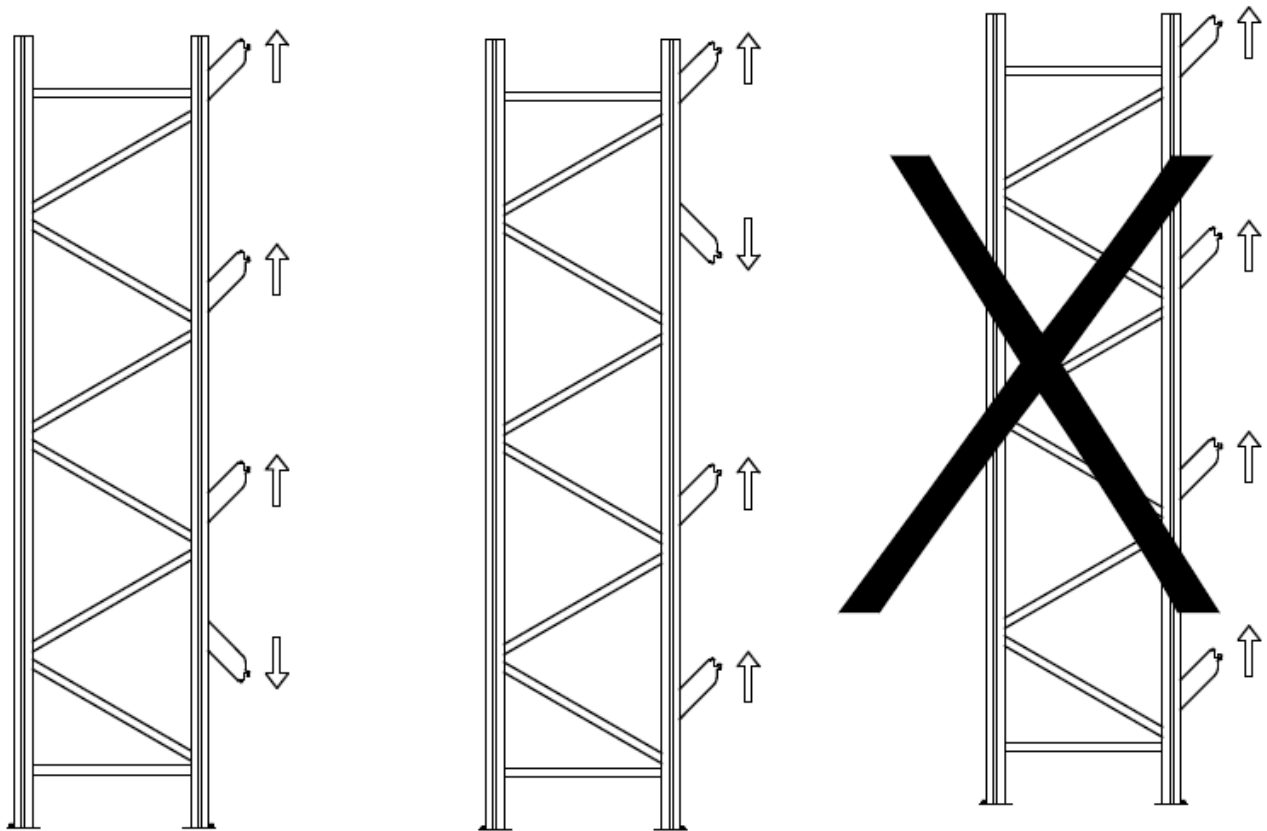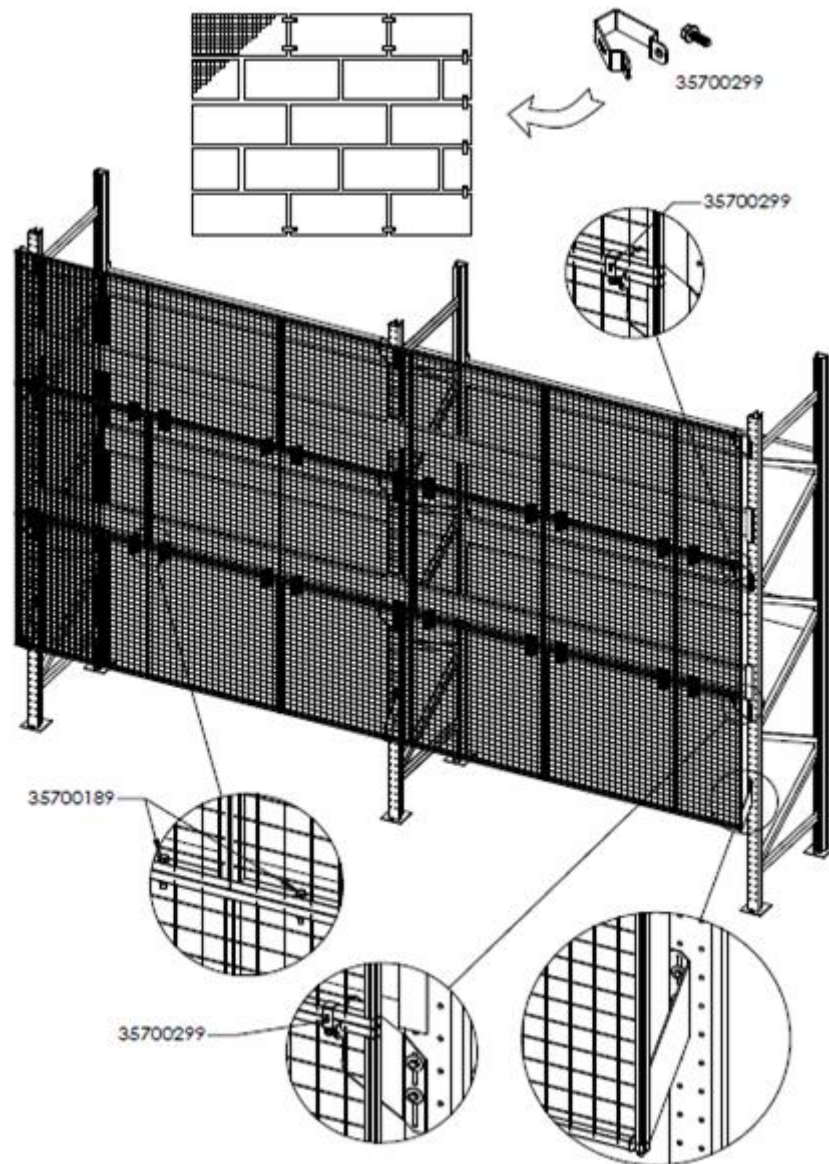


❯ Mounting brackets may be installed angled up or down depending on location of the pallet rack shelving beams.  The only requirement is that at least one row of brackets must be mounted opposite of the other rows of mounting brackets.

## Step 10

Install the remaining Clasp 35700299



- Install one clasp 35700299 combining the upper and lower panels along the edge of the cut profile side (see diagram above).
- Install one clasp 35700299 at every point two panels meet along the bottom row (see diagram above).

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