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## PALLET RACK INSTALLATION INSTRUCTIONS

Check component counts and read Instructions fully before starting!



## YOU WILL NEED:

- 1. Drawing with floor plan layout and beam height locations.
- 2. Measuring tape.
- 3. Chalk Line.
- 4. Mallet to seat beams.
- 5. Extra men or forklift to support uprights while installing beams.

OPTIONAL:

- 6. Wrench for beam bolts. (for bolt-in style racking)
- Wrench for safety bolts. (if safety clips are missing)
- 8. Hammer Drill for floor anchors and/or wall anchors as needed.
- 1. Inspect components for damage in shipping. DO NOT erect any damaged components.
- 2. Measure and snap chalk lines for rack aisles and ends of rows.
- 3. To start a row, stand 2 **uprights** in proper location with bottom of lowest diagonal brace facing the aisle. Then clip (or bolt) first **beam** at the proper height in the front of the upright and then clip (or bolt) the same beam level at the rear of the upright.

**NOTE:** Both ends of beam should clip in at the same time.

4. Make sure safety pins or clips are engaged on both ends of beam. If safety clips are missing, use a bolt and nut to secure the beam ends in place in face or side of clip. Beams may need to be seated all the way to the bottom of slot in upright for the clips or bolts to engage.

**NOTE:** Make sure first unit is square and plumb (vertical to 1/4" in 10') before continuing. Use floor shims to plumb the upright frames and level the beams.

- 5. Install the other beam levels in the first unit. The first unit will now be self supporting.
- 6. Continue to add units to the row by standing upright frames and installing beam levels. Maintain rack plumb and square as you progress until row is completed.
- 7. Assemble next row completely. If row is back to back with another row and **back-to-back rigid row ties** are provided, bolt these between matching upright columns
- 8. If row is against wall and **rigid wall spacers** are provided, bolt spacers to rack uprights and then fasten to wall with appropriate 5/16" diameter wall anchors.
- 9. Install any accessories included, such as beam ties, wire rack decks, pallet supports, etc.
- 10. Anchor rack uprights to floor with appropriate 1/2" anchor bolts.
- 11. Inspect finished installation for level & plumb and tighten all bolted connections securely. Check to make sure all safety pins, clips or bolts are engaged and tightened.