

STORAGE SYSTEMS

Racking Installation Manual

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Before installation

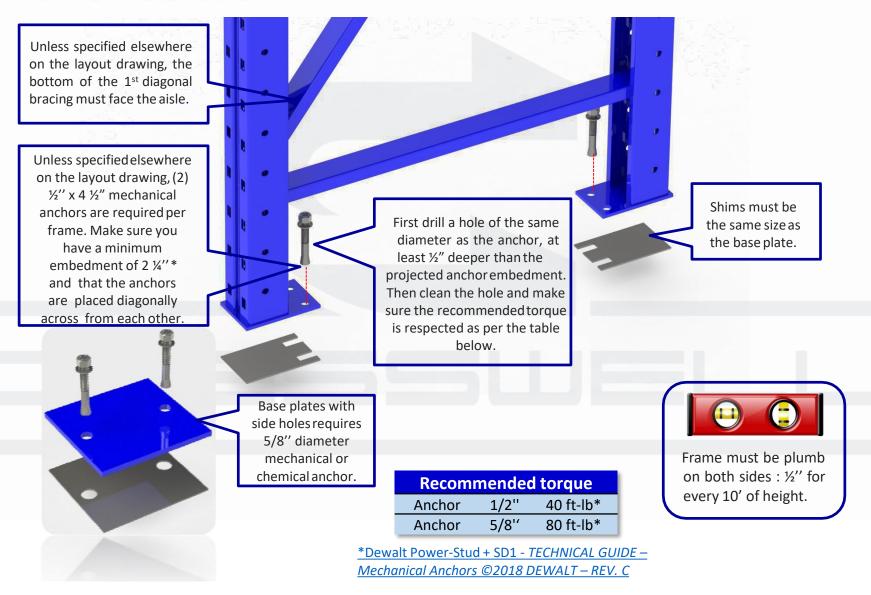


Cresswell racking must be installed by trained and experienced personnel. Please read this manual before starting any installation.

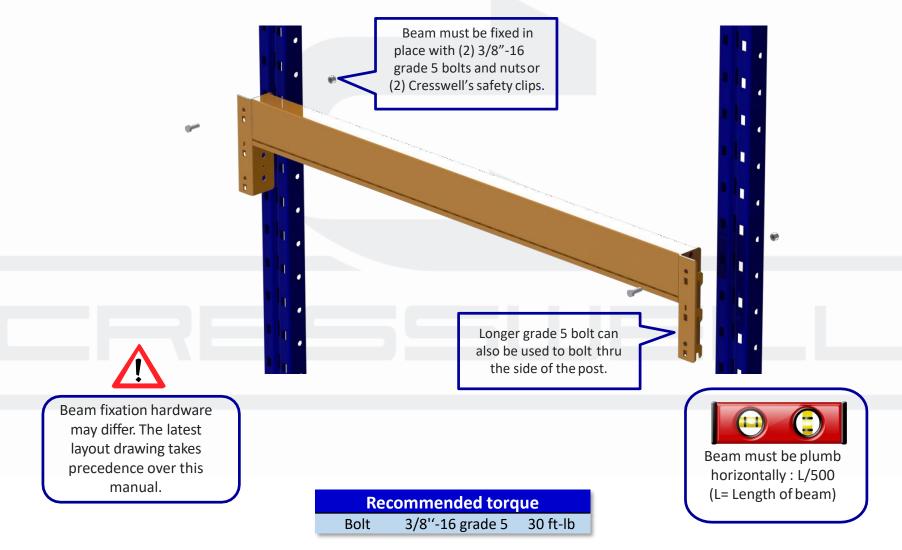
- 1. Make sure to have thoroughly reviewed the latest approved layout drawing before starting the installation.
- 2. Count all material received and compare it with the BOM (Bill of Material), bill of lading or drawing. If any components or hardware are missing, contact your sales representative immediately.
- 3. Check for any damaged components. If necessary, advise your sales representative and make sure the part is replaced before the end of the installation.
- 4. Make a final check for any obstructions to the installation (building column, duct, light fixture, piping,...) that are not shown on the latest layout drawing. If necessary, ask your sales representative to alert the owner and the certified engineer about the issue.
- 5. The slab should be level to ensure a plumb rack installation. Check if the anchors can be installed as per the layout drawing (drain, concrete cracks, etc.) The slab is the owner's responsibility. (Load capacity, built-in heat pipe positioning, etc.)

For any technical assistance: (800) 363-8330

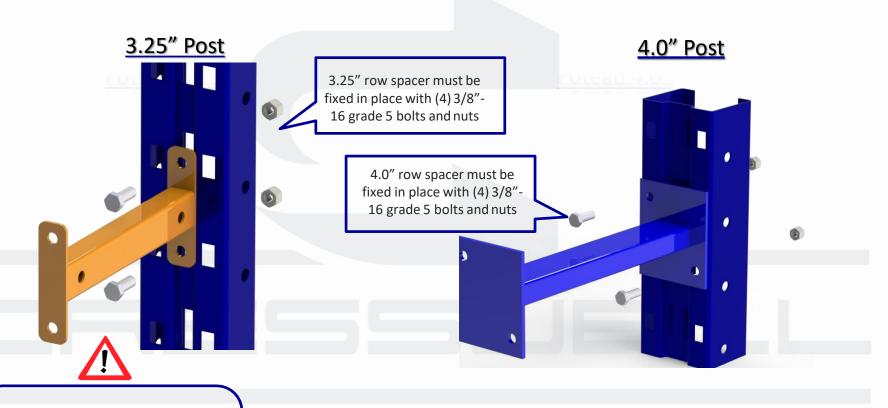
Frame installation



Beam installation



Row spacer installation

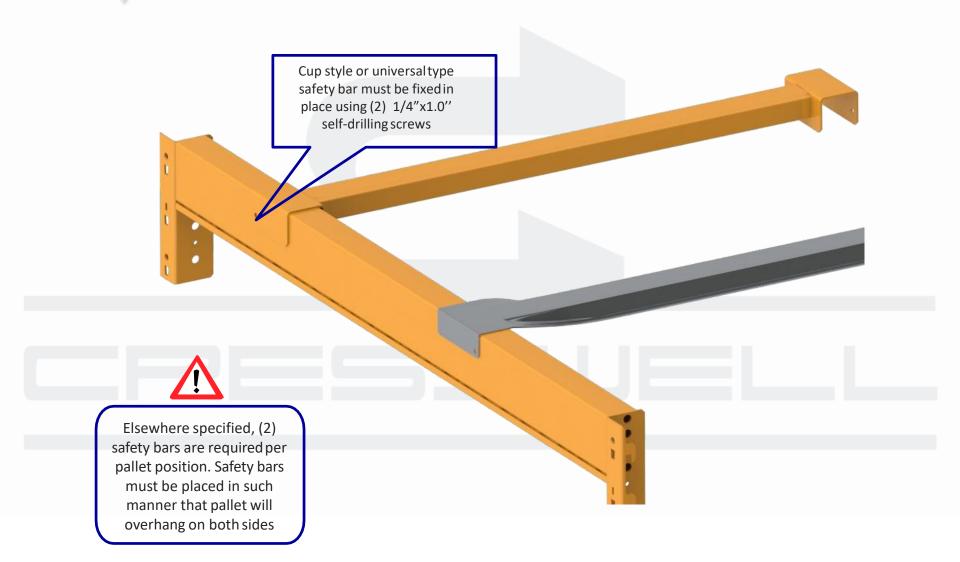


The spacing between row spacers must be less than 10'. Row spacers should be aligned with frame bracings (horizontal for welded frame, diagonal intersection for bolted frames)

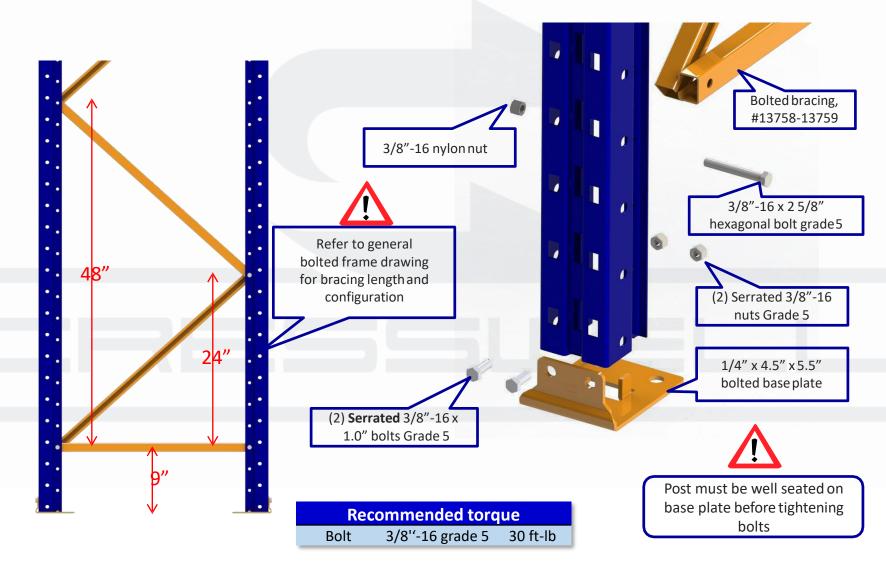
Recommended torque

Bolt 3/8"-16 grade 5 30 ft-lb

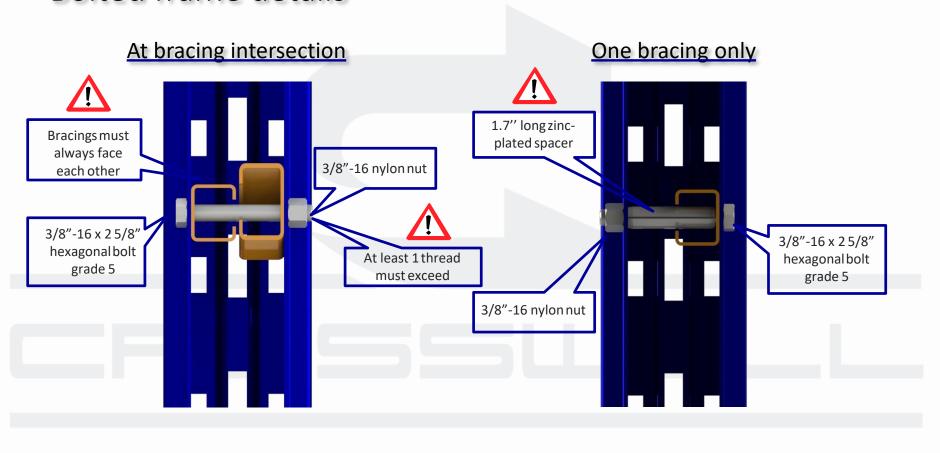
Safety bar installation



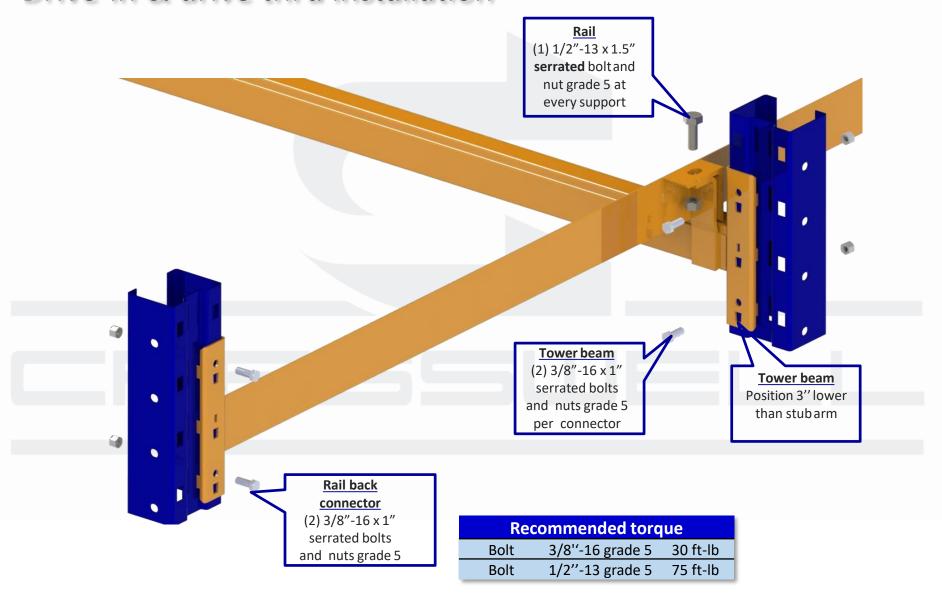
Bolted frame assembly

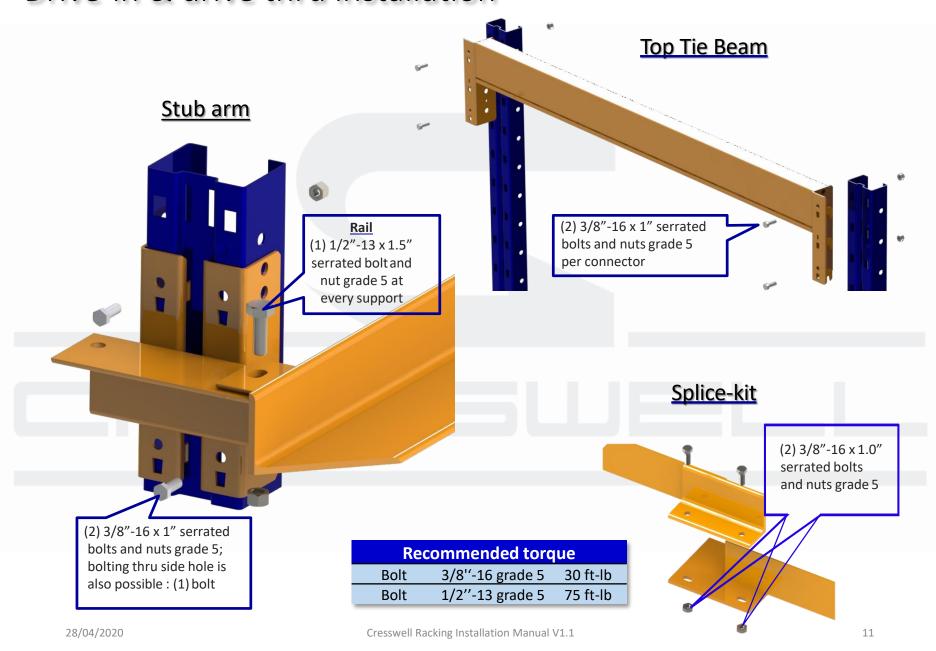


Bolted frame details

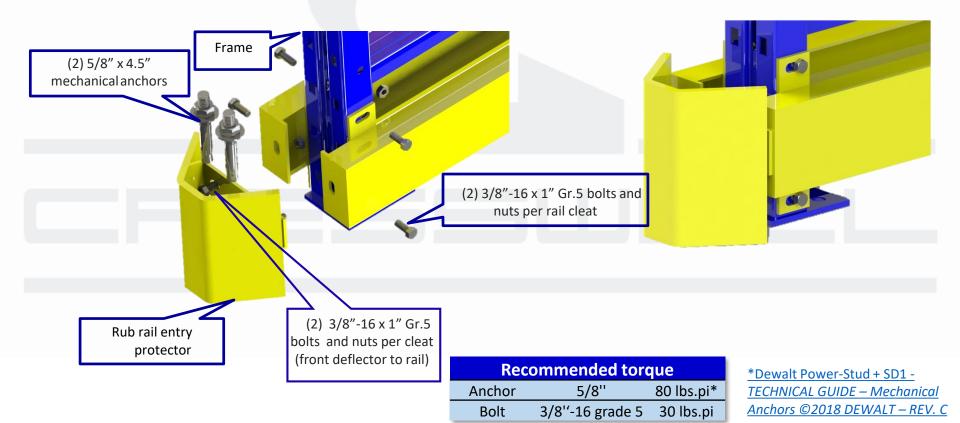


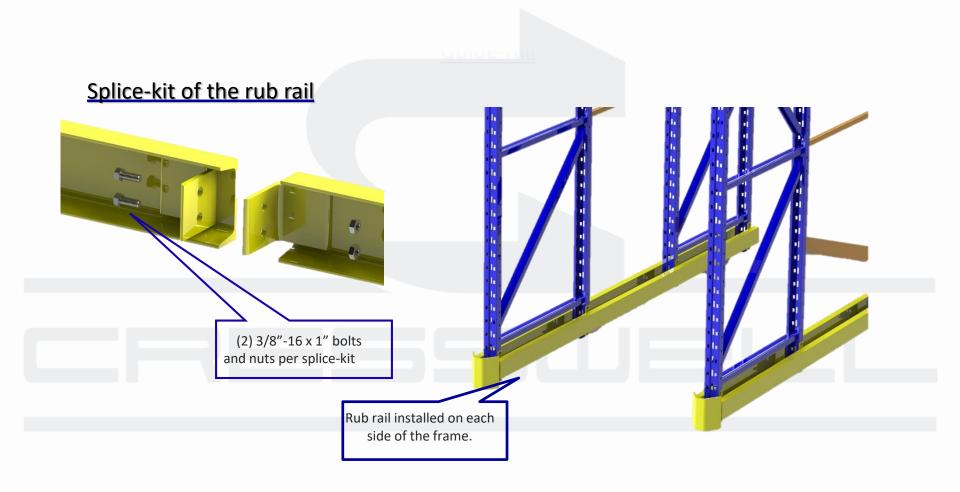
Bracing length





Rub rail

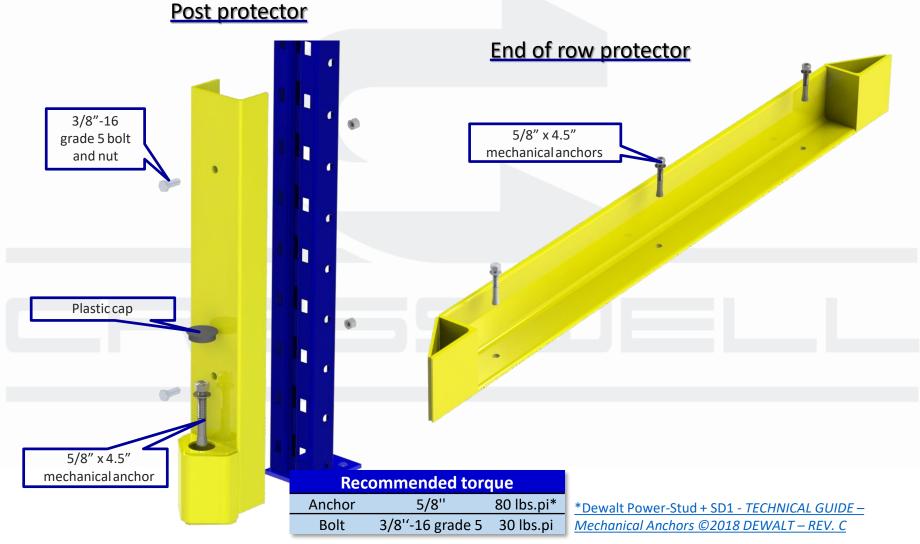


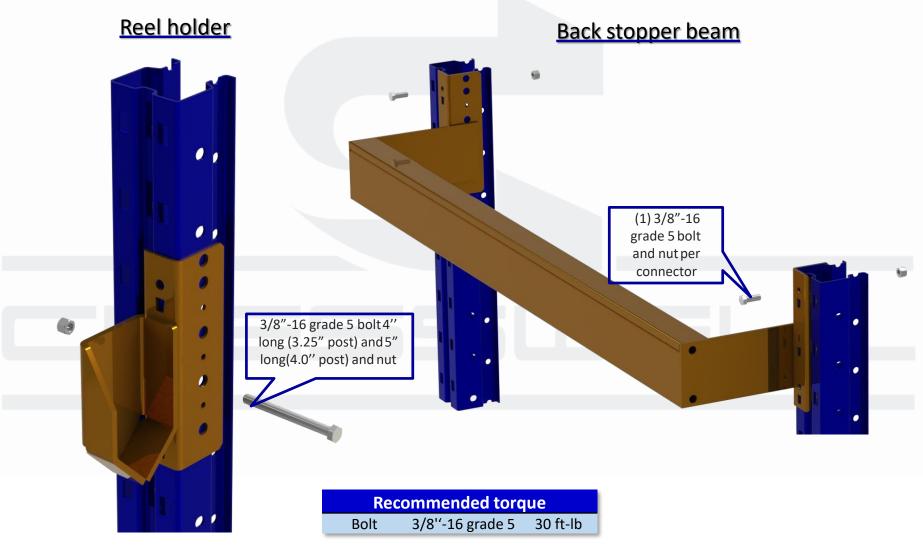


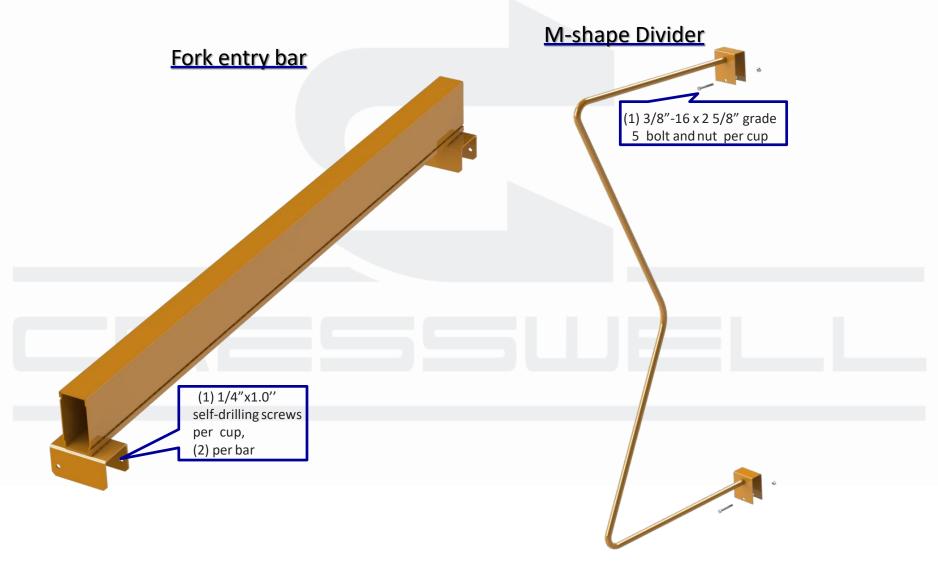
Recommended torque

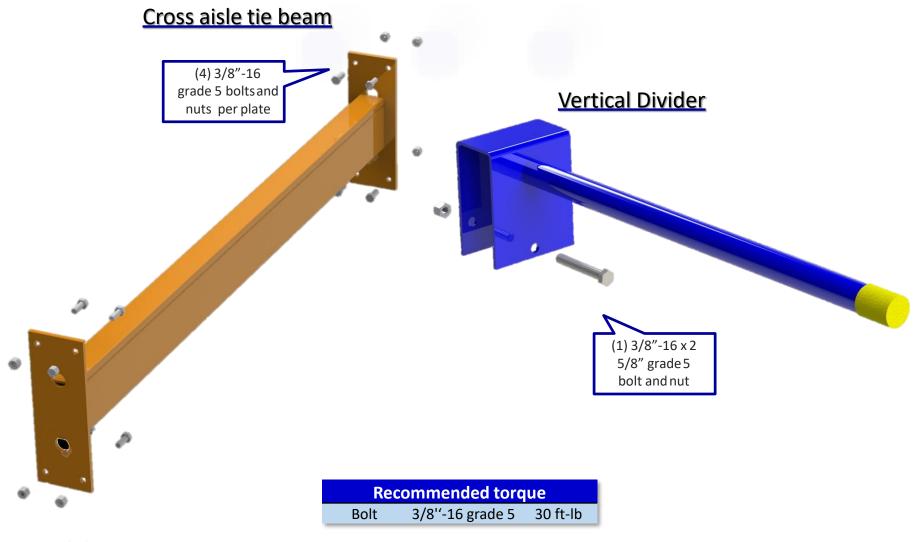
Bolt 3/8''-16 grade 5 30 ft-lb

Protection installation

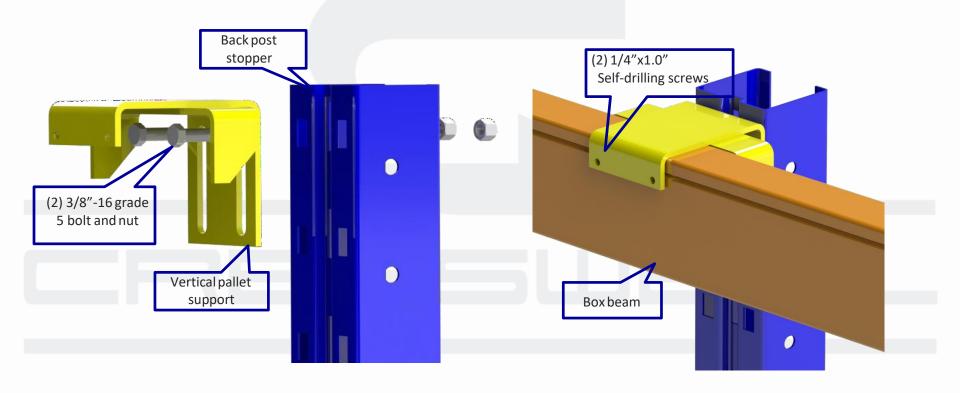








Vertical pallet stopper



Recommended torque

Bolt 3/8''-16 grade 5 30 ft-lb