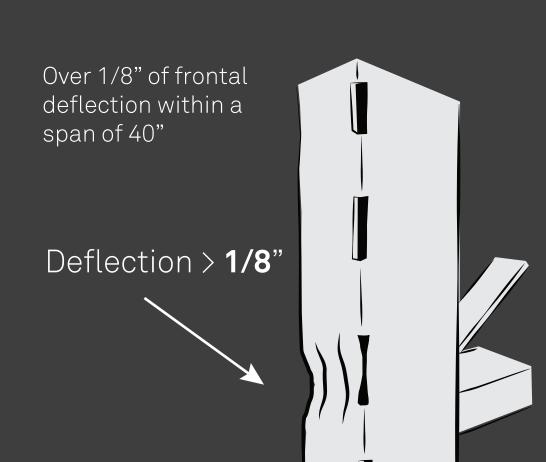
ASSESSMENT GUIDELINES

THE 1-2-3

Use the 1-2-3 rule to determine if a deflection on an upright should be addressed:



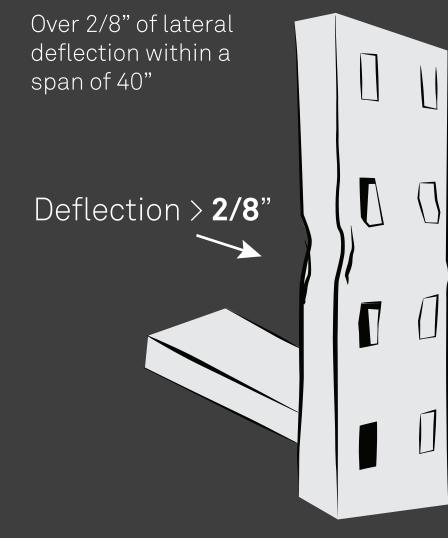
UPRIGHTS FRONTAL



Look for other types of damage such as dents, cracks, bulges, pinched columns and signs of corrosion.

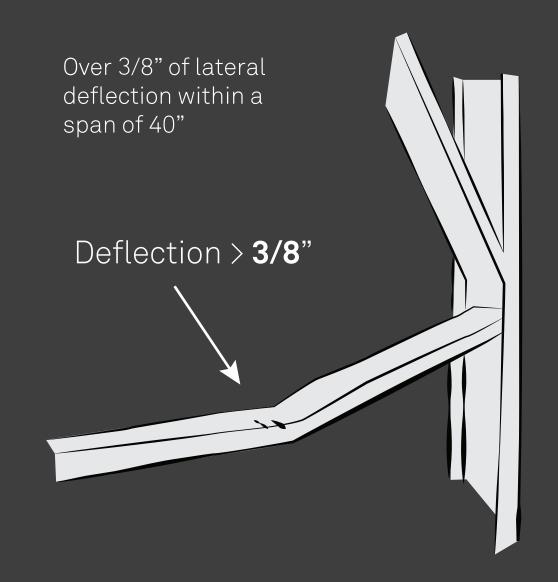
UPRIGHTS





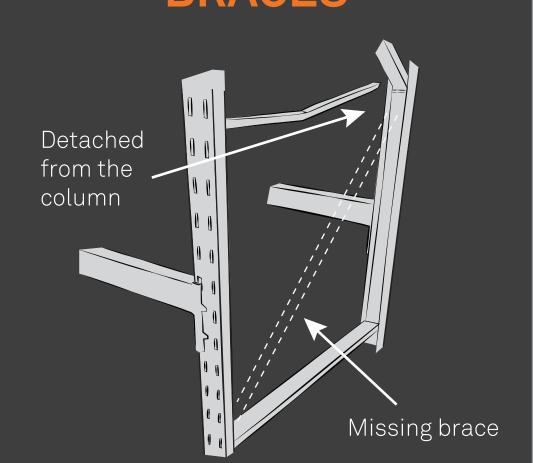
Look for damage occasionally hidden behind the beam connectors.

BRACES HORIZONTAL & DIAGONAL



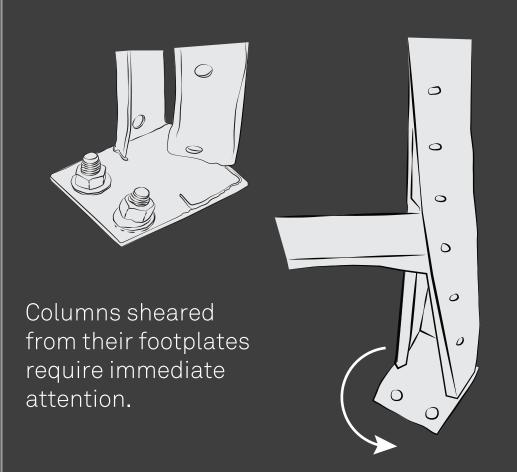
Look for cracked or broken welds between the column and the brace.

BRACES



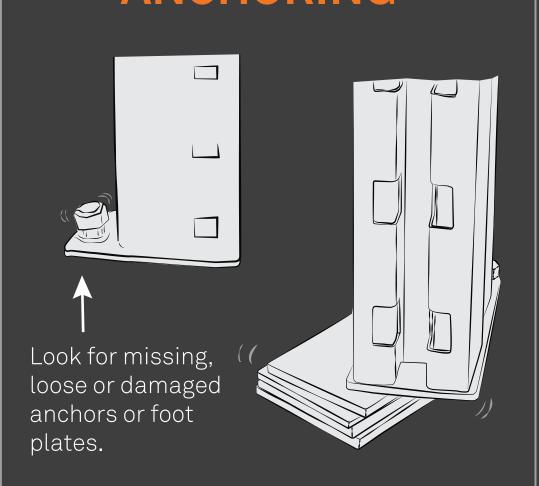
Horizontal and diagonal braces are essential to the capacity and stability of the racking system.

TWISTED COLUMNS



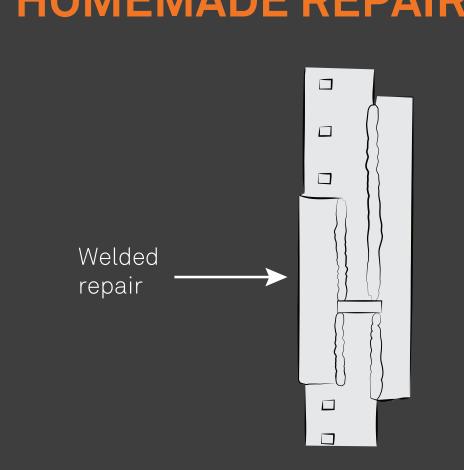
Twisted columns impede the load capacity of the rack. We recommend calling an expert.

ANCHORING



Shims should be well seated, secured and of equal size to the footplate.

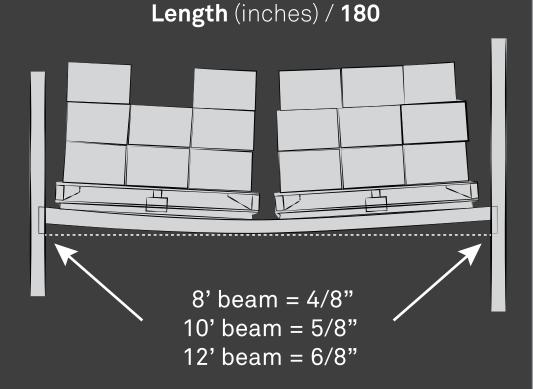
HOMEMADE REPAIRS



Any homemade or welded repairs should be replaced by an engineered repair solution.

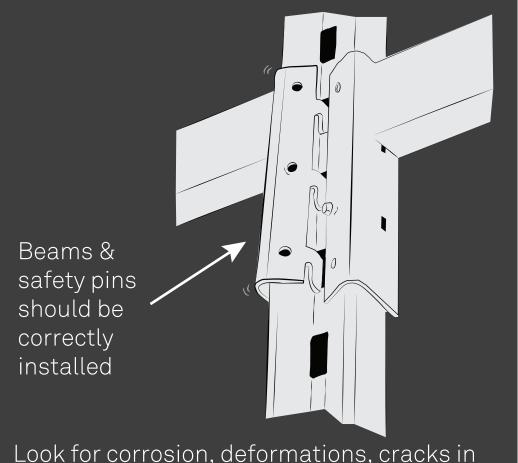
BEAMS

Maximum allowable beam deflection:



Look for deflected, damaged, unclipped, or overloaded beams, missing safety bars, badly positioned or damaged pallets.

BEAM CONNECTORS



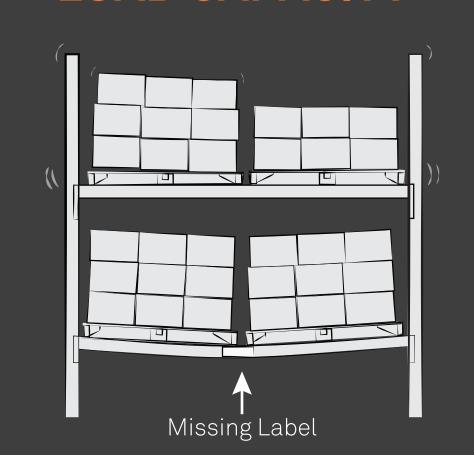
the welds, broken connectors or missing safety pins.

OUT-OF PLUMB



An out-of-plumb upright means that it is not exactly vertical. Always look in the cross-aisle and down-aisle directions.

LOAD CAPACITY



Labels informing of maximum load capacity should be visible. Unknown load capacities need to be calculated by an Engineer.

Rack Safety in Five Easy Steps

ASSESS

Regular inspections are a great way to prevent further damage and reduce the risk of rack failure.

INFORM

All damage should be reported. Severely damaged uprights should be unloaded immediately.

PRIORITIZE

An expert in pallet rack inspection can help assign priority and course of action on the reported damage.

REPAIR

Addressing the issues and fixing the racks will ensure a safe and efficient warehouse environment.

RE-ASSESS

Racks are living entities that require regular inspections as part of an established rack maintenance program.

RACK REPAIR + PROTECTION CONFORMITY INSPECTION LOAD CAPACITY CALCULATION

