

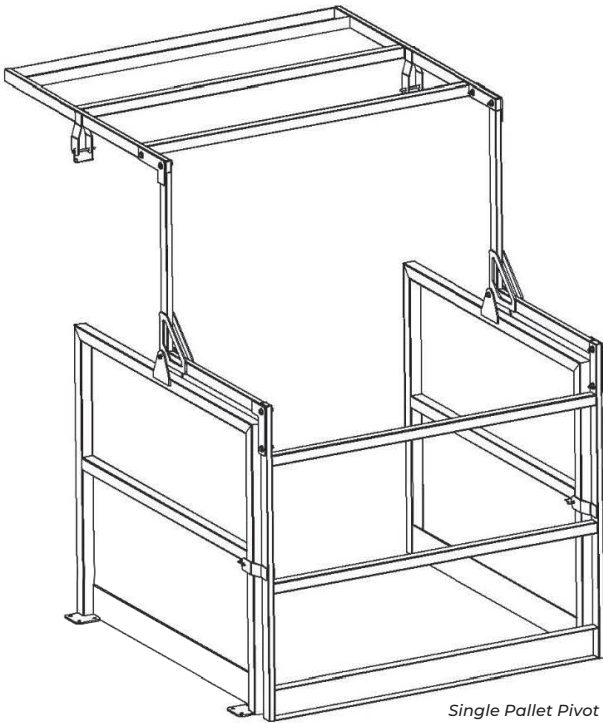


SAFETY RAIL CO.
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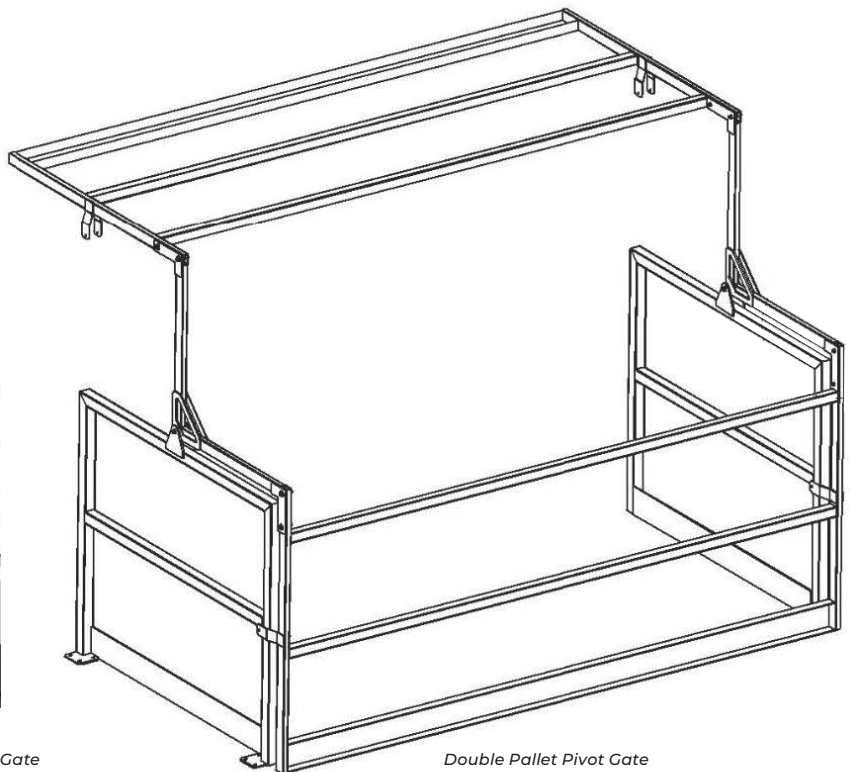
Mezzanine Pivot Gate

OWNER'S & INSTALLATION MANUAL

Double & Single Pallet Mezzanine Pivot Gate



*Single Pallet Pivot Gate
(PN 400869)*



*Double Pallet Pivot Gate
(PN 400870)*

WARNING

This gate must be installed compliant with OSHA standard 29 CFR 1910.29(b)

Gate verified to 200 lbf (890 N) in downward and outward directions per OSHA 1910.29(b)(3)

EVALUATE — SPECIFY — MANUFACTURE — INSTALL — SERVICE

THESAFEST.COM

888.434.2720



Conditions of Use & Limitations



Conditions of Use & Limitations

This mezzanine pivot gate is intended only for guarding pallet opening edges on elevated platforms, mezzanines, and similar work areas where materials are transferred by forklift, pallet jack, or similar equipment.

The gate shall be installed, adjusted, and maintained in accordance with Safety Rail Company instructions and all applicable codes and standards.

The supporting structure (mezzanine, platform, or deck) and anchorage substrate shall be verified by the owner or a qualified person to have adequate capacity for all imposed loads.

The gate is not designed or rated for use as a fall arrest or fall restraint anchorage point, tie-off location, or ladder support. Do not attach lifelines, SRLs, lanyards, or any personal fall protection equipment to any part of the gate system.

Do not climb, sit, or stand on any gate component. The system is not intended to function as a ladder, step, or work platform.

During normal operations, the open edge shall be guarded at all times when personnel are present near the opening. When pallets are being loaded or unloaded, keep all personnel clear of the unguarded edge and moving equipment.

Keep the operating area clear of debris, stored materials, ice, grease, or other substances that could create slip, trip, or impact hazards or interfere with the gate's movement.

Do not use the gate if any component appears damaged, deformed, corroded, loose, or missing. Remove the system from service and have it inspected, repaired, or replaced by a qualified person before returning it to use.

Any modifications, field drilling, cutting, welding, or additions not specifically authorized in writing by Safety Rail Company may void the warranty and could result in unsafe conditions.

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Size & Finish Options

ITEM #	DESCRIPTION	FINISH	WEIGHT	DIMENSIONS (W x D x H)
400869	Single Pallet Mezzanine Gate	Powdercoat Yellow	185 lb.	82 x 65 x 82"
400870	Double Pallet Mezzanine Gate	Powdercoat Yellow	315 lb.	82 x 119 x 82"

Periodic Maintenance Instructions

The Mezzanine Pivot Gate system is designed to be mostly maintenance-free. However, the following technical procedures are recommended to ensure optimal performance and safety:

INSPECTION OF MOUNTING HARDWARE	Conduct periodic evaluations of all mounting components. Check for any looseness or wear and ensure all hardware is securely fastened. Re-tighten as necessary using appropriate tools. Height Alignment Verification: Periodically examine the height alignment of the gate to confirm it remains consistent with installation specifications.
POST-INCIDENT ASSESSMENTS	In the event of any impact or operational anomaly, perform a comprehensive inspection of all gate elements, including hinges, latches, and closure mechanisms. Replace any components as required. (Replacement parts are available for purchase, please reach out for assistance)
OPERATION & ALIGNMENT CHECKS	Periodically cycle the gate through its full range of motion to confirm it moves smoothly and returns to the proper guarded position. Verify clearances and guard heights remain consistent with the installation specifications. Address any interference, misalignment, or binding before returning the system to use.

Specifications

OSHA STANDARD COMPLIANCE	29 CFR 1910.29 & 29 CFR 1926.502
FORCE TESTED	Tested to 200 lbf (890 N) in downward and outward directions
DIMENSIONS AND LOAD CLEARANCE	Interior Pallet & Load Clearance: Width: 56" (single) 109" (double) – Depth: 56" – Height/Clearance: 72" Outside Dimensions & Installation Footprint: Width: 65" (single) 118" (double) – Depth: 60" – Height: 82"
MATERIAL	Steel
FINISH OPTIONS	Powdercoat Safety Yellow
ASSEMBLED HEIGHT	42" Top Rail

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Mounting Hardware

Tools Needed

For Gate Assembly:

Impact driver; 9/16" socket & 9/16" wrench

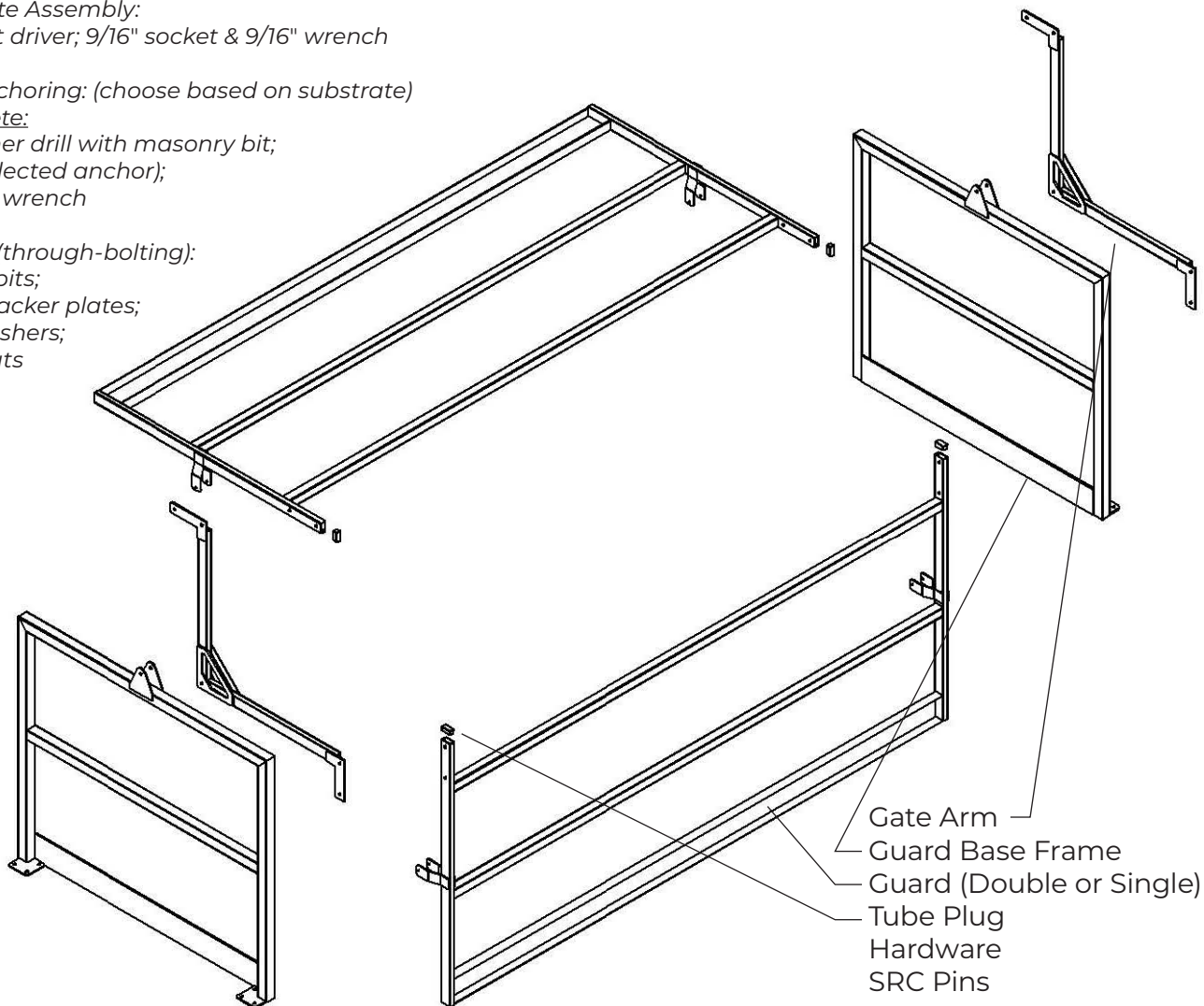
For Anchoring: (choose based on substrate)

Concrete:

*Hammer drill with masonry bit;
(per selected anchor);
torque wrench*

Wood (through-bolting):

*Drill & bits;
steel backer plates;
flat washers;
lock nuts*



PART #	DESCRIPTION	QTY
401213	Gate Arm	2
400871	Guard Base Frame	2
400872 OR 400873	Single Pallet Guard Double Pallet Guard	2
100134	Flange Head Bolt $\frac{3}{8}$ -16 X 3"	2
100085	Nut-Nylock $\frac{3}{8}$ -16	10
100035	HHCS $\frac{3}{8}$ -16 X 2"	8
100016	Washer-Flat $\frac{3}{8}$ "	16
150379	Tube Plug	4
100155	Safety Rail Pin	4

****Anchoring Tools & Hardware —
Not Supplied; sold separately**

Concrete:

*Hammer drill + masonry bit (per
selected anchor); torque wrench;
 $\frac{3}{8}$ " x 3-1/2" mechanical anchors
(wedge, sleeve, or screw)*

Wood:

*Drill + bit; $\frac{3}{8}$ " through-bolts with
steel backer plates, flat washers,
and lock nuts*

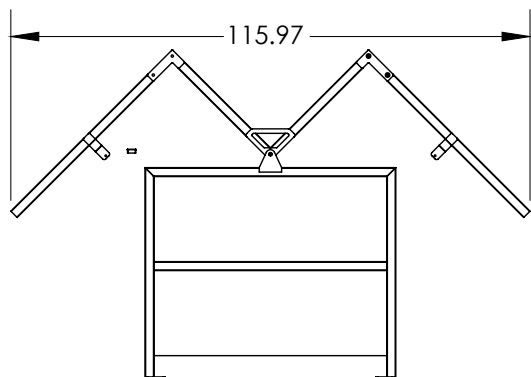
See Step 6 for details.

Mezzanine Pivot Gate

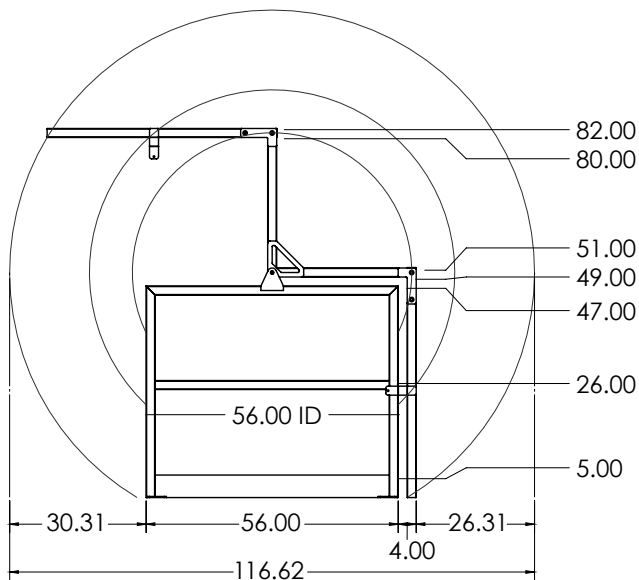
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Assembled Size

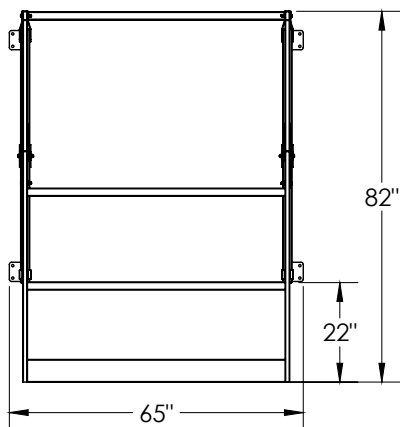


Side View

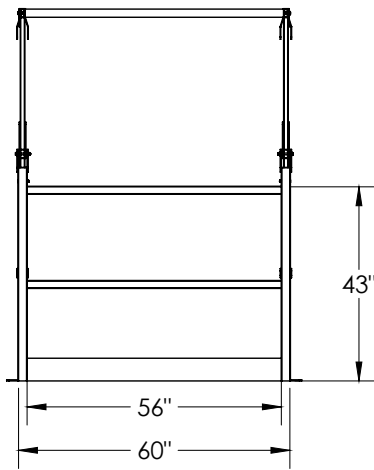


Side View

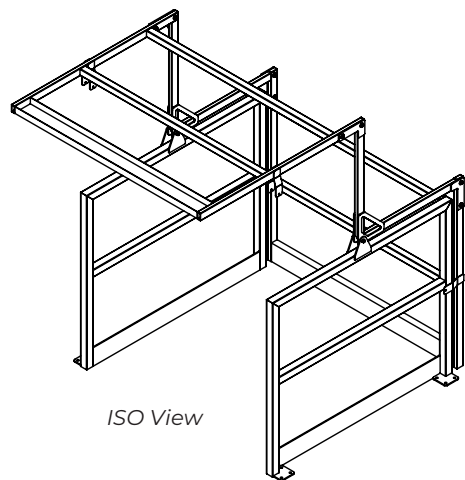
Single Pallet Pivot Gate



Top View

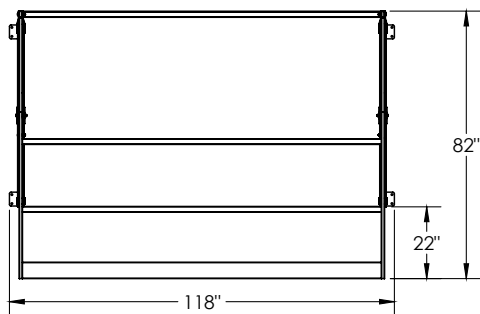


Front View

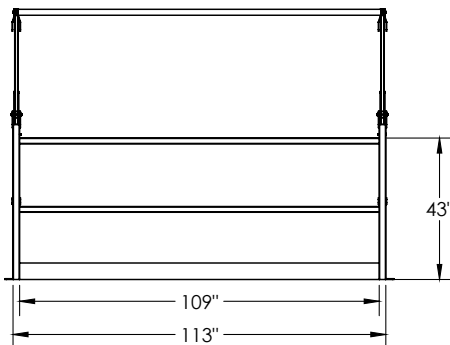


ISO View

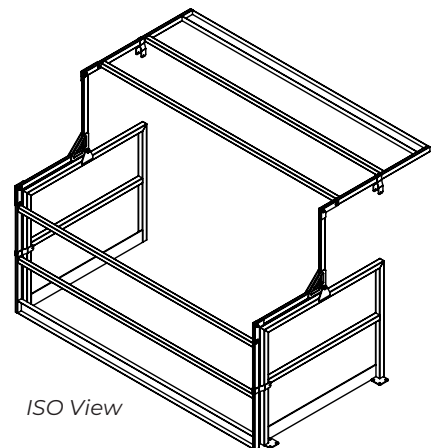
Double Pallet Pivot Gate



Top View



Front View



ISO View

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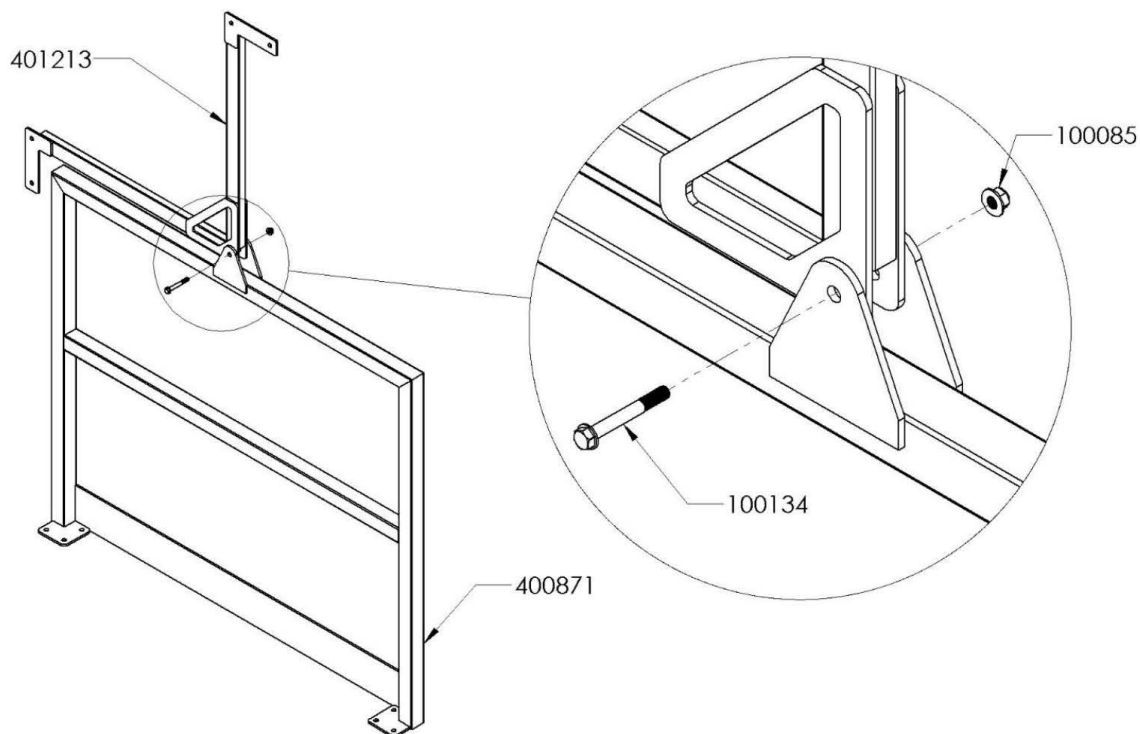
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Assembly Instructions

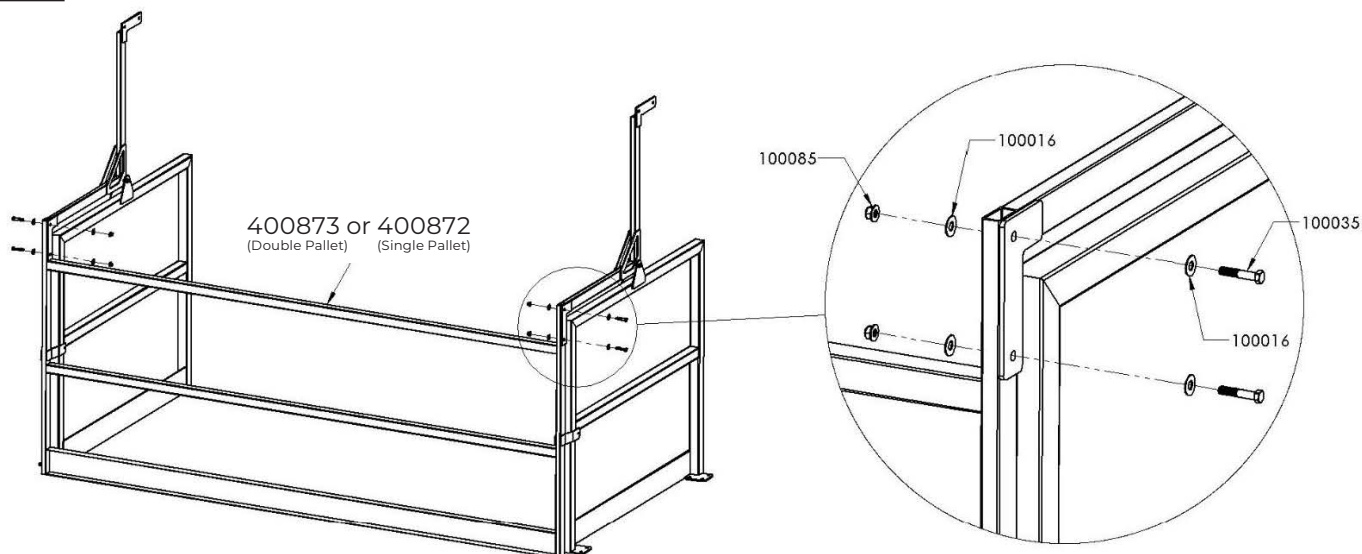
1

Attach mezzanine gate arm (401213) using hardware provided with mezzanine guard base frame (400871). Repeat for both arms and frames.



2

Attach mezzanine gate arm using hardware provided to pallet mezzanine guard (400873 or 400872).



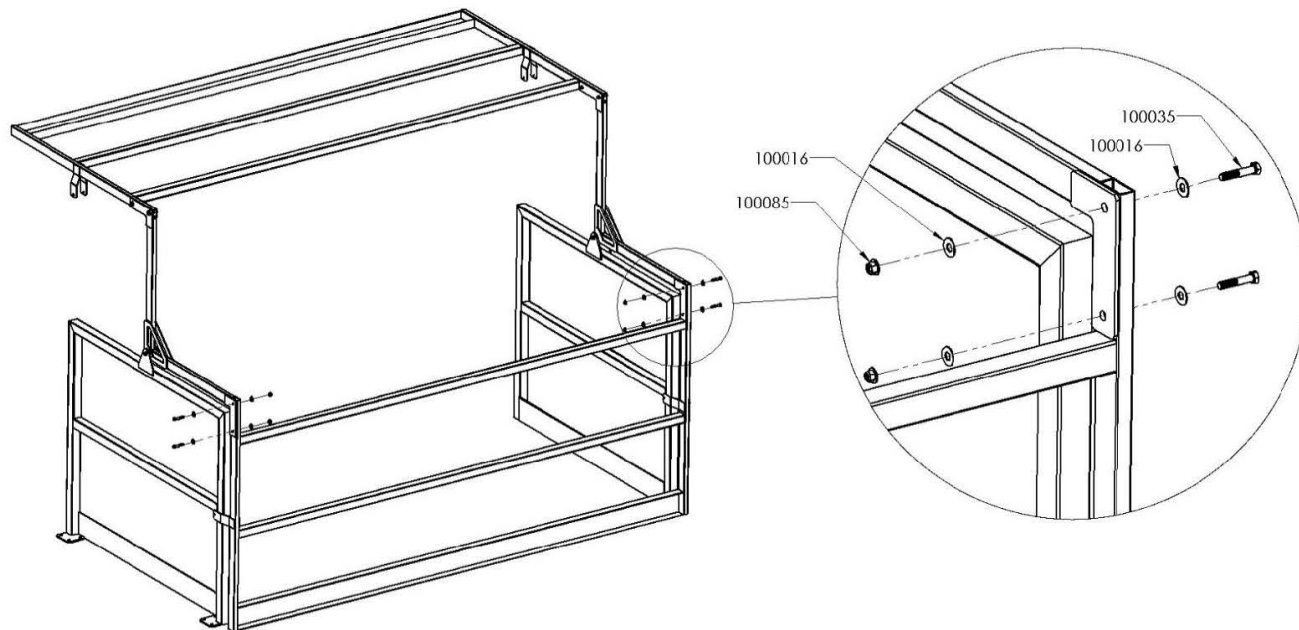
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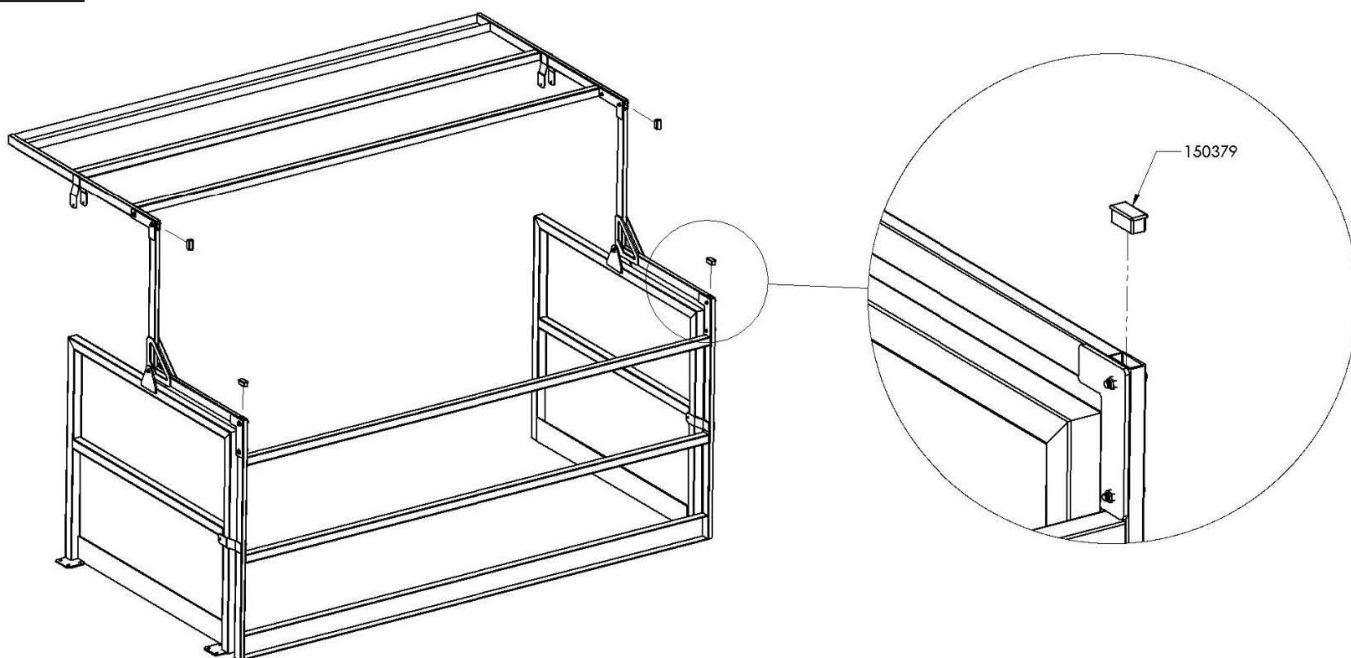
3

While one person holds the attached mezzanine guard in the air, repeat step 2 for the other mezzanine guard.



4

Insert rectangular tube plugs (150379) into mezzanine guard.



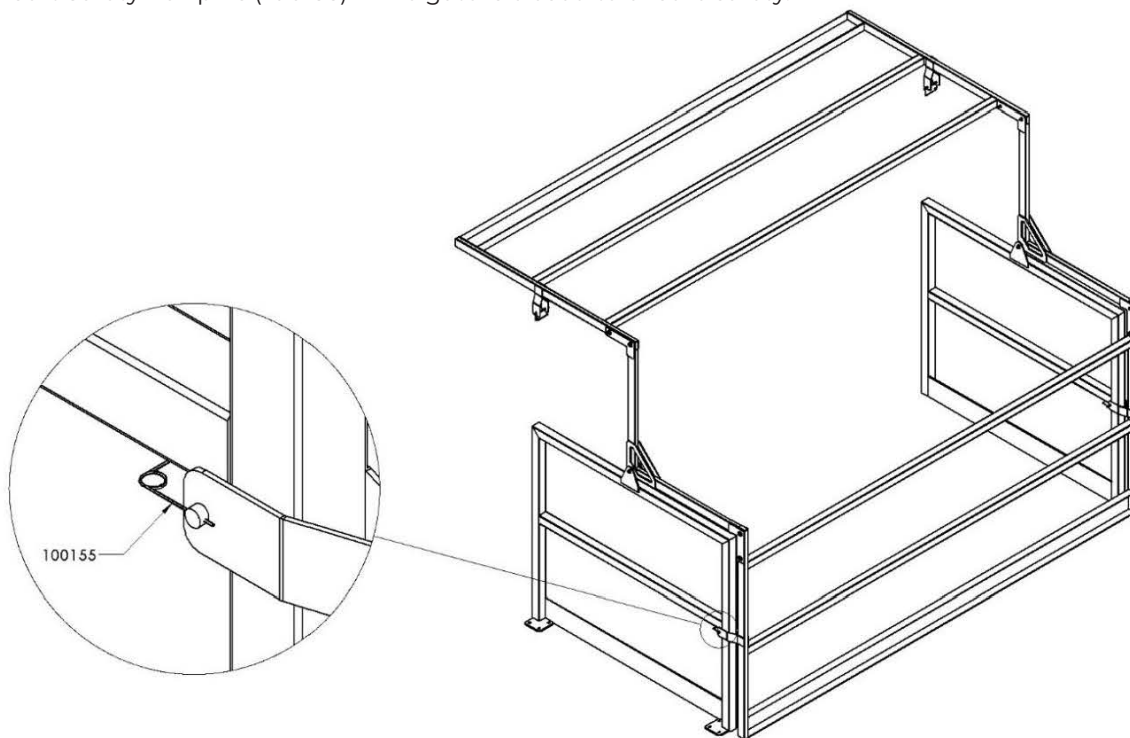
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5

Insert Safety Rail pins (100155) while gate is closed to ensure safety.



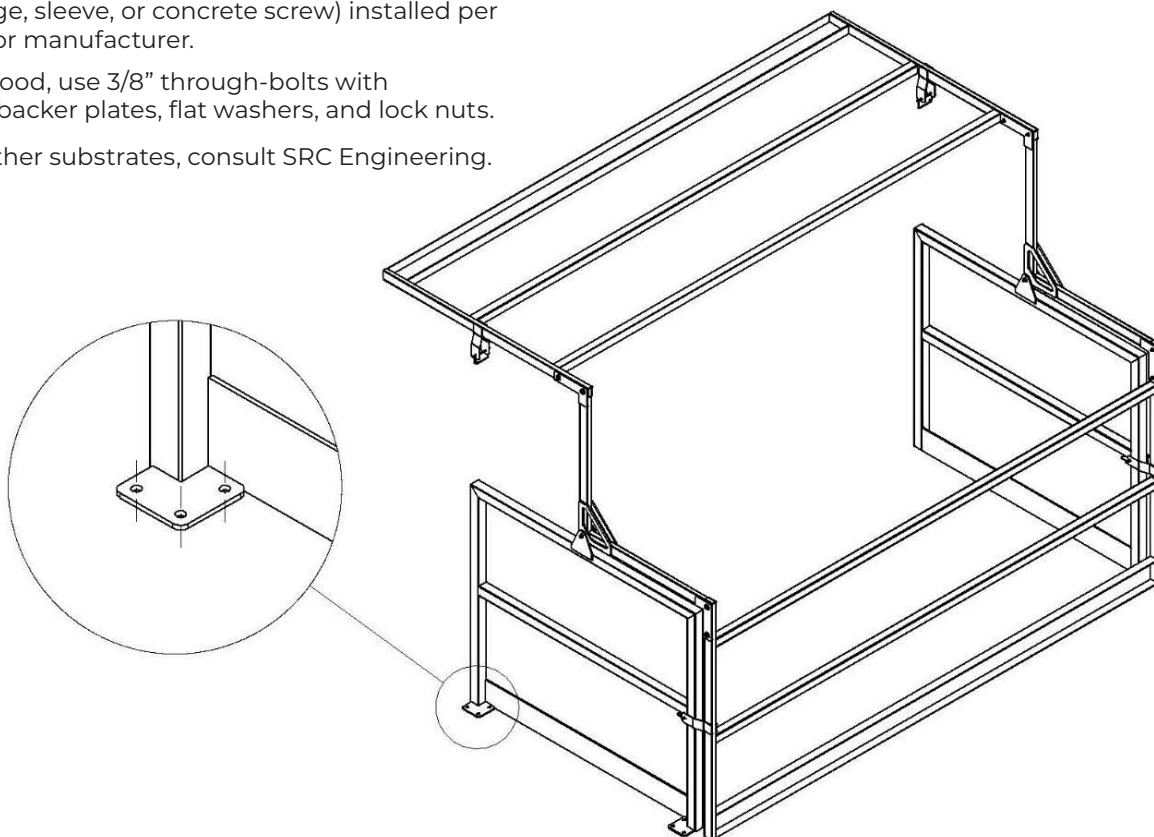
6

Anchor to floor. *Anchors not supplied; sold separately.*

For concrete, use $\frac{3}{8}$ " $\times$ 3-1/2" mechanical anchors (wedge, sleeve, or concrete screw) installed per anchor manufacturer.

For wood, use $\frac{3}{8}$ " through-bolts with steel backer plates, flat washers, and lock nuts.

For other substrates, consult SRC Engineering.



Written Warranty



Warranty

Safety Rail Company hereby warrants our Safety Rail and other Fall Protection Products to be free from defects in materials and workmanship, under normal use, for a period of two (2) years from the date of purchase.

Exclusions

- 1) Damage due to abuse, negligence or uses other than their intended application.
- 2) Alterations or modifications to the product without prior approval of Safety Rail Company, LLC.

Limitation of Remedies and Liability

Safety Rail Company, LLC. shall not be liable for any special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict tort or any other legal theory. Such damages include, but are not limited to, loss of profits, loss of savings revenue, cost of capital, cost of any substitute equipment, facilities or services, downtime, the claims of third parties (including customers) and injury to property.

Safety Rail Company's liability in all events is limited to, and shall not exceed the purchase price paid for the product that may give rise to any liability.

Disclaimer

This warranty is in lieu of all other warranties, express or implied, and is understood to be the complete and exclusive warranty. No employee or representative of Safety Rail Company, LLC. is authorized to make any warranty in addition to the terms specified in this warranty.

How to Obtain Warranty Service

To make a warranty claim or obtain service authorization, contact the SRC warranty department at: warranty@safetyrailcompany.com or call 1-888-434-2720. Please provide proof of purchase, a description of the issue, photos (if available), and product identifying information with your claim.



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