

STAIR ZONE



INSTALLATION GUIDE



Before You Get Started

- ☐ Confirm Parts List
- ☐ Confirm Lifting & Rigging Plan
- ☐ Review Layout & Prints

What You Will Need:

- Hammer Drill
- Fork Lift
- Lifting Straps or Chain Sling
- Marker or Chalk Line
- Tape Measure

In the Box:

- Stair flight weldment(s)
- Stair Legs
- X-bracing and hardware
- Attachment plates and hardware
- Base plate anchors

General Notes

Installation factors may vary between different locations. To ensure that stairs meet design criteria, Stair Zone assumes the following:

- That the mounting surfaces are level at the base plate and top attachment point.
- Base anchors are installed at a sufficient distance from the edge of concrete.
- Concrete slab has a minimum of a 4" depth.
- Concrete slab depth is consistent for all anchor points.
- Anchoring locations are able to withstand point loads.

How To Install

STEP 1: PREPARE INSTALLATION SITE & MARK OUT HOLES

- Make sure all anchors and mounting points are free of obstructions.
- Measure and mark out where the stair will be located. Utilize the provided drawings for reference.



- Dry fit if possible.
 - In certain cases, dry fitting will only be possible after full or partial assembly of the stair legs and x-bracing.



- Proceed to Step 2

STEP 2: STAIR ASSEMBLY

- Lift Stairs Into Place
- To prevent denting and scratching, it is recommended that a nylon or polyester sling be used.



2a. Straight Stair Without Legs

- Assemble the stair attachment plates at the top of the flight to the adjacent structure.

(Note: Stair Zone does not provide hardware from the attachment plates to the attachment points.)



- Fasten mounting brackets

(Note: Mounting brackets are only used for straight stair configurations with no leg attachments.)



- Proceed to Step 3

2b. Straight Stair With Legs

- Lift the stair and assemble the stair legs. Then assemble the X-bracing with the provided hardware.
- Position the provided spacer between the X-bracing pieces to create the correct spacing for final assembly. Use the provided hardware to bolt the X-bracing into each stair leg.
- Proceed to Step 3



2c. L-Shape, Switchback, Crossover

- Lift the mid landing and assemble the mid landing stair legs and X-bracing with the provided hardware.
- Position the provided spacer between the X-bracing pieces to create the correct spacing for final assembly. Use the provided hardware to bolt the X-bracing into each stair leg.

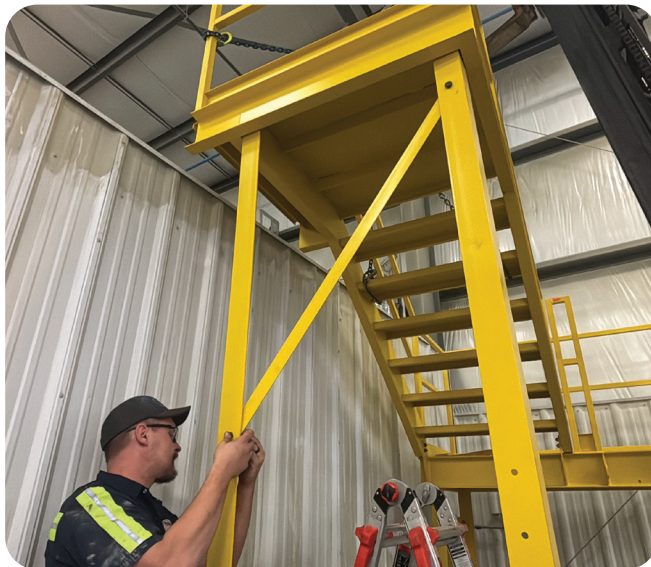


2c. L-Shape, Switchback, Crossover (Continued)

- Mount the lower and upper flights to the mid-landing section using the provided attachment plates and hardware.



- Assemble the upper stair legs and x-bracing to the upper flight using the provided hardware.



- Proceed to Step 3

STEP 3: ANCHOR SUPPORT LEGS

- Drill anchoring hole according to the print specifications. Depths may vary from location to location.
- Vacuum dust and debris away from the hole to ensure a proper anchor bolt installation.
- Drive screw anchors into the hole until the bolt sits flush with the base plate steel.



Anchor Bolts Flush with Stair

- Proceed to Step 4

STEP 4: FINAL FITMENT

- Check handrail tolerance

(Note: The distance between the stair handrail and obstruction cannot be more than 3 inches.)



- Use provided primer and touch up paint as needed.



