

# Intermodal Wedge® XL

The one-way solution for securing light to heavy weight loads in intermodal shipping containers.

Innovators of Freight Securement Systems <sup>®</sup>

## **Installation Guide**



The complete Installation Guide for Logistick's Intermodal Wedge<sup>®</sup> XL.

For best results, please read through all instructions prior to installation.

#### 1. Intermodal Wedge XL System

# **Materials Needed**

- Intermodal Wedge<sup>®</sup> XL
- 4x4 (recommended) or one or two 2x4s
- Dry Cloth
- Tape Measure
- Scraper (optional)
- Rubbing alcohol (optional)
- Screw Gun & Deck Screws (optional)
- Void Filler (optional)

The Intermodal Wedge<sup>®</sup> XL is a two part system, including a Wedge and a Brace. The Intermodal Wedge and Brace are designed to fit either on the peak or in the valley of the container wall. **The part installed in the valley will always be adhered first.** 

#### 2. Choosing the Application Area

After loading the cargo, determine the best location for installation. Keep in mind that multiple sets of Intermodal Wedge<sup>®</sup> XL may be needed to safely secure your cargo. Choose an area that will place the Wedge closest to the freight and at the same height and position, assuring the beam will be installed parallel to the floor. The beam needs to be as close to the freight as the container ribs will allow, which will help prevent the cargo from starting to shift. **The Brace will always be on the side of the Wedge opposite the freight**.

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#### 3. Prepping the Application Area

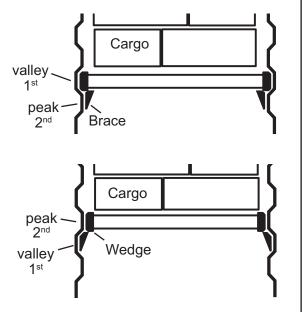
The entire application area must be clean and dry to ensure proper installation. Use a dry cloth, and if needed, a scraper and rubbing alcohol to remove loose dirt, dust, condensation or frost from the application area.



#### 4. Adhering Intermodal Wedge<sup>®</sup> XL

Installation of the part in the valley will always be first!

- a) If Wedge is in valley, remove the tape backing from one Wedge and adhere it in the valley. Then remove tape backing from one Brace and slide onto Wedge and adhere Brace on peak opposite the freight. Repeat for the opposite wall, placing it at the same height and position as the first.
- b) If Wedge is on peak, remove the tape backing from one Brace and adhere it in the valley. Then remove tape backing from Wedge and slide onto Brace and adhere Wedge on peak. Repeat for the opposite wall, placing it at the same height and position as the first.



### IMPORTANT: Once Intermodal Wedge<sup>®</sup> XL is installed, it cannot be repositioned.

#### 5. Determine Size of Beam to be Used

Use either a single 4x4 (recommended) or two 2x4s (same length and nailed or screwed together), as an alternative to the 4x4. It is not recommended to use a single 2x4 with the Intermodal Wedge<sup>®</sup> XL.

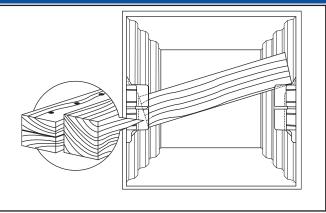
Measure the inside width of the container at Wedge application area, ie. peak to peak or valley to valley. For proper fit and pressure, the wood beam needs to be on average 1 ¼ inches less than the inside width.

- a) For flexible areas, start with a beam **1 inch** less than the inside width.
- b) When installing on container lift points, start with a beam **2 inches** less than the inside width.

A longer beam creates more outward pressure to maximize performance.

#### 6. Insert the Beam

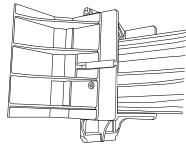
Place one end of the 4x4 (or two 2x4/s oriented horizontally) into the pocket of the first Intermodal Wedge<sup>®</sup> XL and rest the opposite end of the beam at the top of the ramp on the second Intermodal Wedge<sup>®</sup> XL.

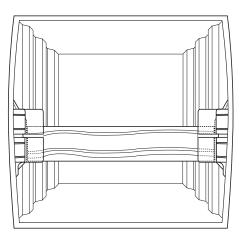


#### 7. Complete Installation

Force the beam down the ramp of the second Intermodal Wedge<sup>®</sup> XL until it is under the retention clips and locked into place. You may need to force the wall outward to get the beam started on the ramp. If this is too difficult, trim ½ inch off the end of the beam and reattempt installation.

**For Added Strength:** Drive a 1 ½ - 2 inch deck screw through the side of each Brace and into the center of the beam, unitizing the system.





#### Max outward pressure = Max performance

#### 7. Filling Void

If necessary, use void filler between the beam and the freight to prevent the freight from starting to shift. Contact a Logistick representative for more details.

If you have any questions about this product or any of our other products please email us at sales@logistick.com

# Thank you for your business and continued partnership.

# Logistick.com





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## **Removal Guide**



The complete Removal Guide for Logistick's Intermodal Wedge<sup>®</sup> XL.

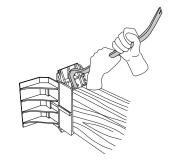
## Materials Needed

- Prybar
- Cloth (optional)
- Scraper (optional)
- Citrus Based Adhesive Remover (optional)

#### 1. Removal of Beam

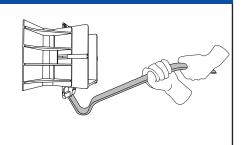
If present, remove screws. Place a prybar down into center slot of the Intermodal Wedge<sup>®</sup> XL and behind the beam. Pry the beam upward, in small increments, until it has cleared the retention clips. Use caution as the beam may eject with some force.

**Optional:** Use a forklift to slowly lift one side of the beam out of the Wedge pocket. **Use caution to not damage freight.** 



#### 2. Removal of Intermodal Wedge<sup>®</sup> XL

To remove Intermodal Wedge<sup>®</sup> XL from the wall, place a prybar up into the removal slot at the bottom of the Intermodal Wedge<sup>®</sup> XL. Apply slow and steady downward pressure to pry Intermodal Wedge<sup>®</sup> XL off the wall. If the Brace doesn't come off with the Intermodal Wedge<sup>®</sup> XL, place a prybar down between the Brace and wall, apply slow and steady outward pressure to pry off wall.



#### 3. Removing Tape Remnants

Use a cloth, and if needed, a scraper and a citrus based adhesive remover to clean any remaining tape residue from the container walls.





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