

Adjustable Platform Assembly Instruction Manual

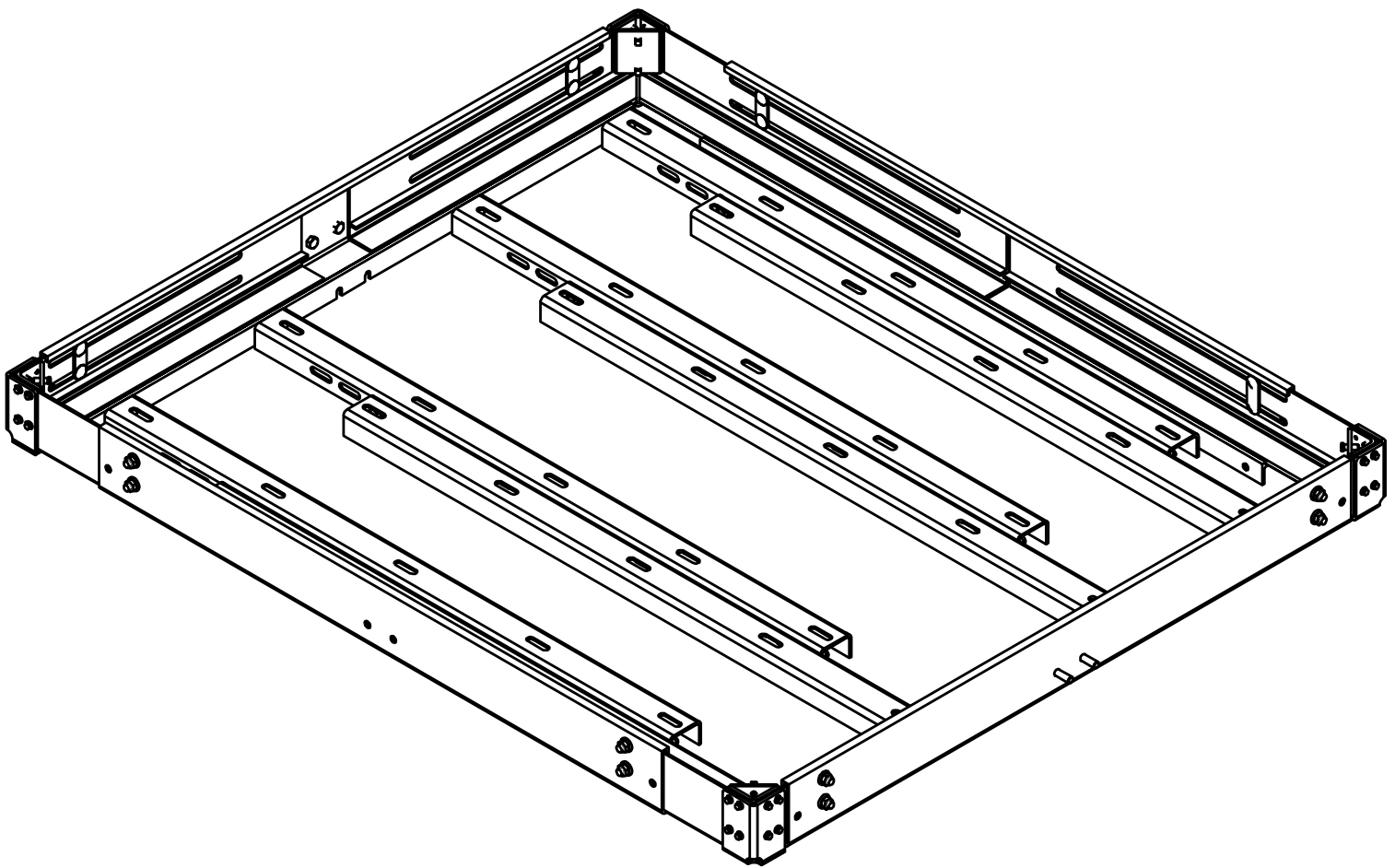


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NOTICE

About This Manual

1. The equipment covered in this manual should only be installed, used, and serviced by qualified personnel trained in proper work and safety procedures. This manual is intended to assist such trained individuals in the installation and use of this equipment and is not intended as a substitute for proper training and experience.
2. This document or any other information regarding this equipment is not intended to cover all of the possible situations which may be encountered while using the equipment described herein. Should specific situations arise which are not covered by the information provided, or should the user desire further details, the specifics should be directed to Wurtec, Inc.
3. Note: In the effort of continuous product improvement, Wurtec, Inc. reserves the right to modify the design and specifications of this product at any time without notice.

Packing List (What's in the box)

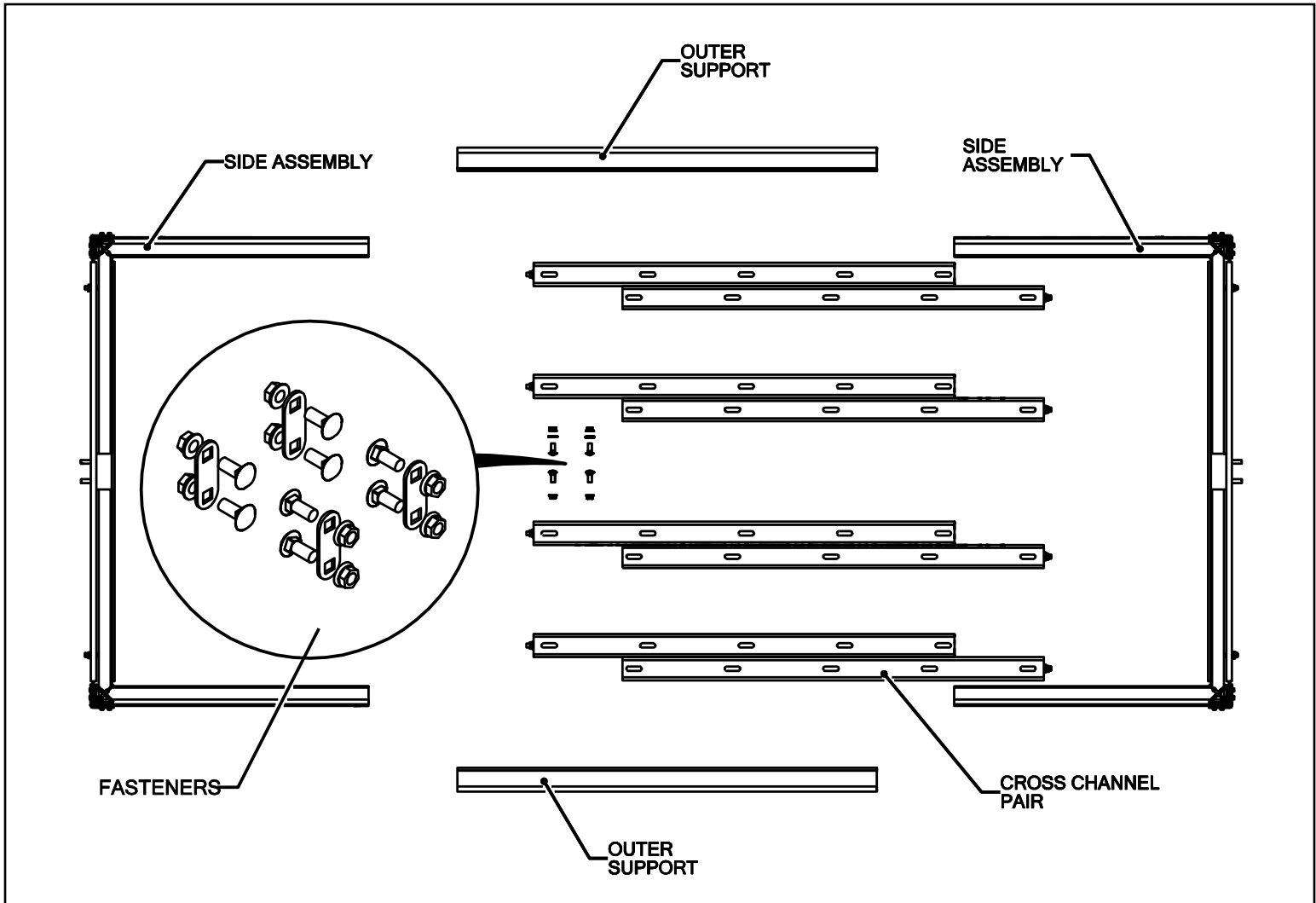


Image 1. Adjustable Platform Package Contents.

The Adjustable Platform (11-305, 11-305-INT, 11-305-MID) ships partially assembled, consisting of:

- (2) Side Assemblies — Each Side Assembly consists of (4) Corner Supports, (1) Outer Support, (2) Corner Braces, (2) Corner Brackets, (4) Carriage Bolts, (4) Serrated Flange Hex Nuts, and (2) spacers.
- (2) Outer Supports
- (4) Cross Channel Pairs — (2) Cross Channels, (4) Carriage Bolts, and (4) Serrated Flange Hex Nuts.
- (1) Bag of fasteners — (8) Carriage Bolts, (8) Serrated Flange Hex Nuts, (4) Spacers

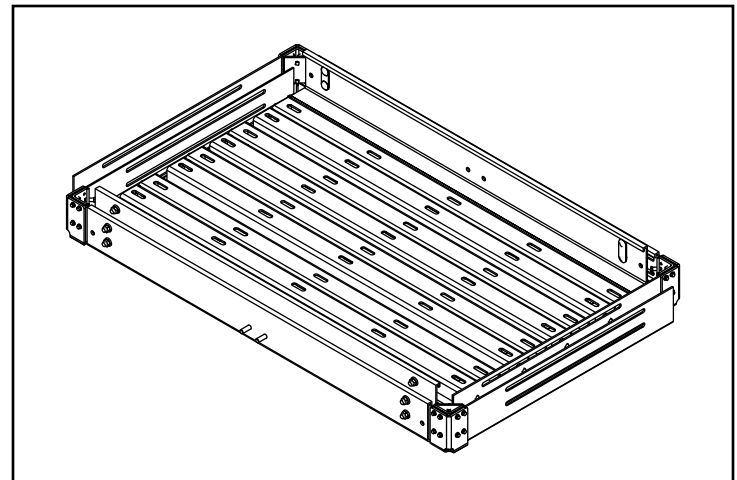


Image 2. Adjustable Platform, as shipped.

Assembly Instructions

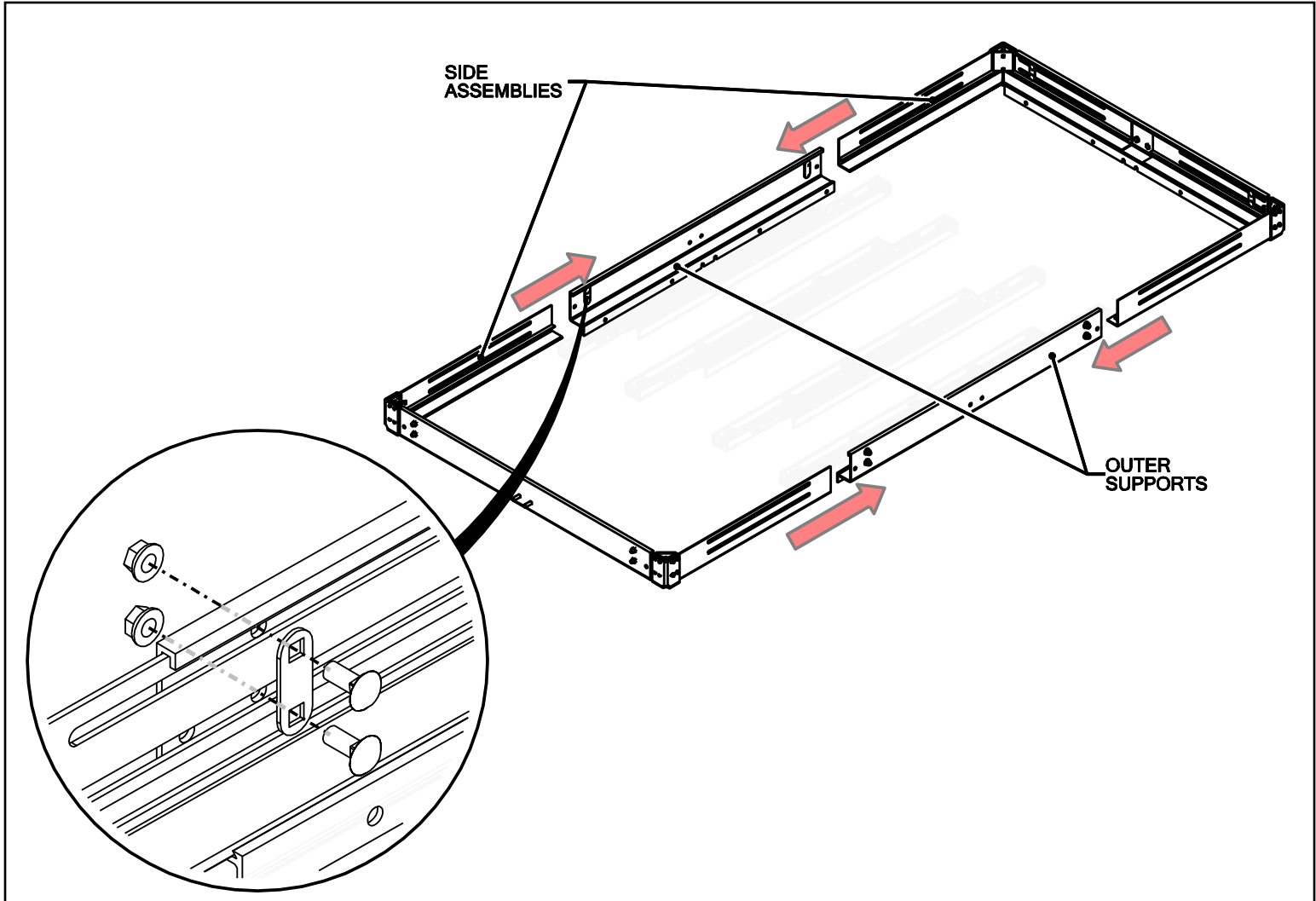


Image 3. Attaching the Outer Supports to the Side Assemblies.

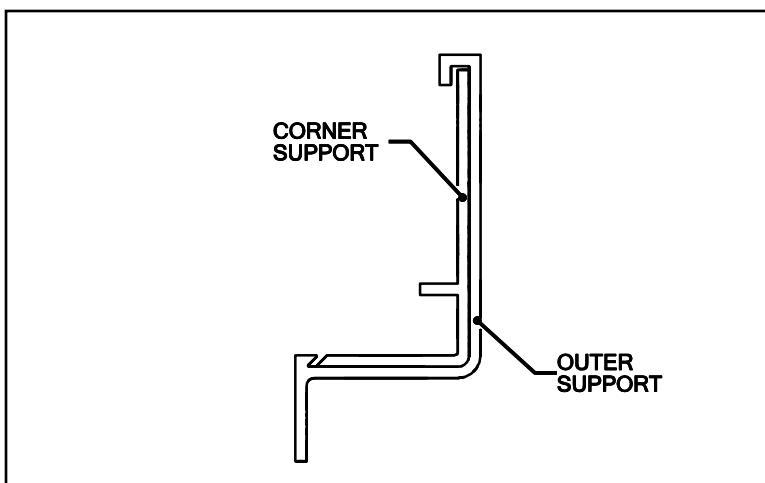


Image 4. Corner Support fit with Outer Support.

1. Slide both of the Outer Supports over the Corner Supports of one of the Side Assemblies. The Corner Supports should slide under the hold-down lips on the inside of the Outer Supports.
2. Slide the Corner Supports from the remaining Side Assembly into the other end of the Outer Supports.
3. Install the fasteners through the holes in the Outer Supports and the slots of the Corner Supports. Leave these loose for now. They will be tightened later when you are ready to set the width (DBG) of the platform.

Assembly Instructions

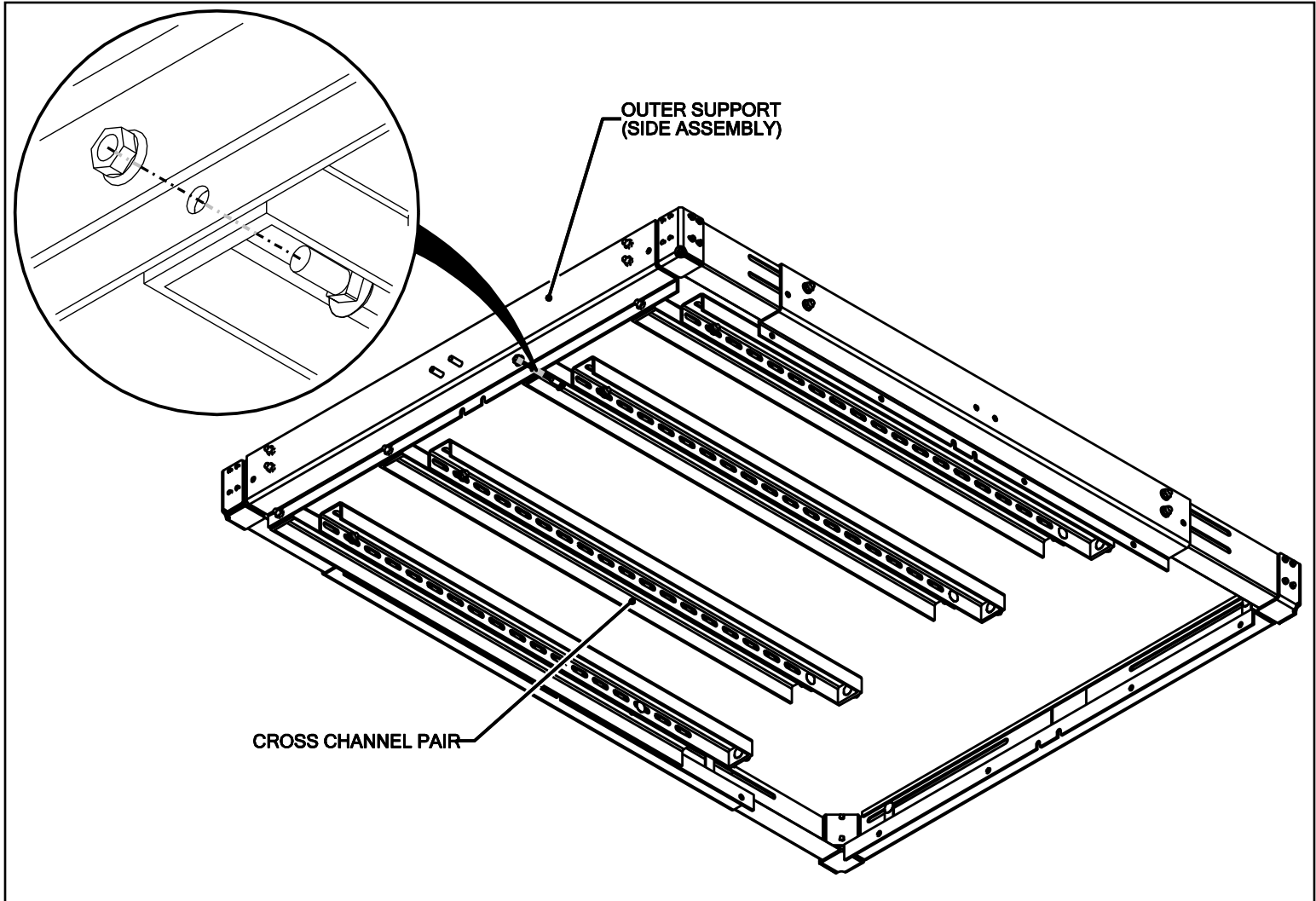


Image 5. Attaching the Cross Channels to the Side Assemblies.

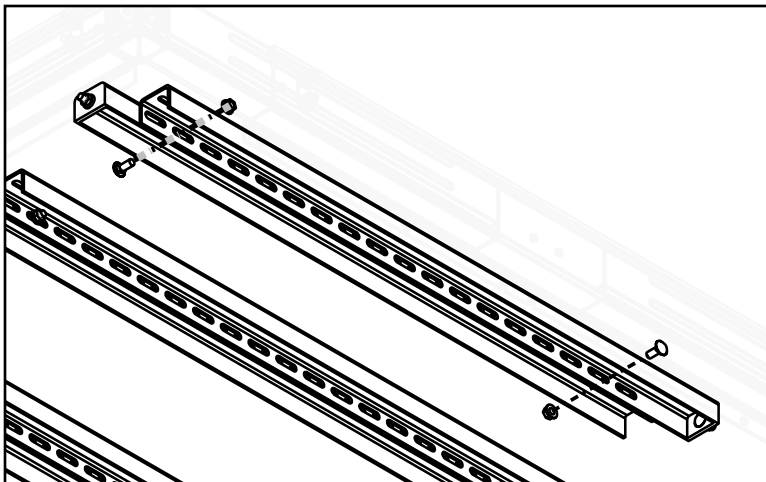


Image 6. Cross Channel Fasteners.

4. Remove the fasteners at one end of each Cross Channel Pair.
5. Attach the Cross Channel Pairs onto the Outer Support of one of the Side Assemblies. Replace the fasteners that were removed in the previous step.
6. Remove the fasteners that hold the individual Cross Channels to each other.
7. Install the other Cross Channel from each pair onto the Outer Support of the opposite Side Assembly, as described in steps 5 and 6.
8. Adjust the width as desired and tighten all fasteners.

Changing Configurations

The Adjustable Platform is designed to be used in two configurations. The two configurations differ only in the available adjustment in both width and depth.

		Configuration	
		1	2
11-305-INT	Width (DBG)	47-65"	40-62"
	Depth	39-58"	46.5-65"
11-305-MID	Width (DBG)	66-92"	57.25-76"
	Depth	50.5-72"	66-87"
11-305	Width (DBG)	72-108"	63.5-92"
	Depth	61-92"	76-108"

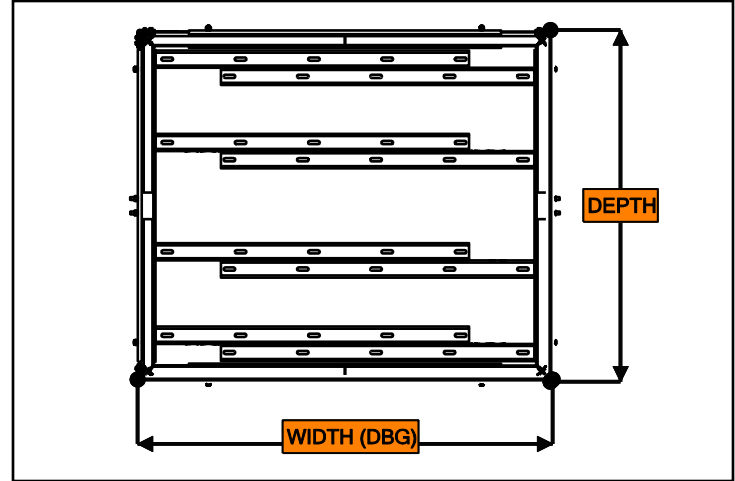


Image 7. Adjustable Platform Width & Depth.

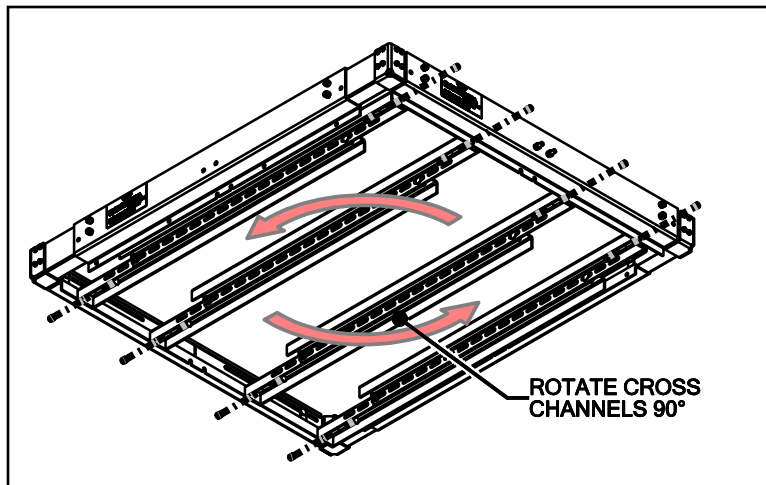


Image 8. Change Platform Configuration.

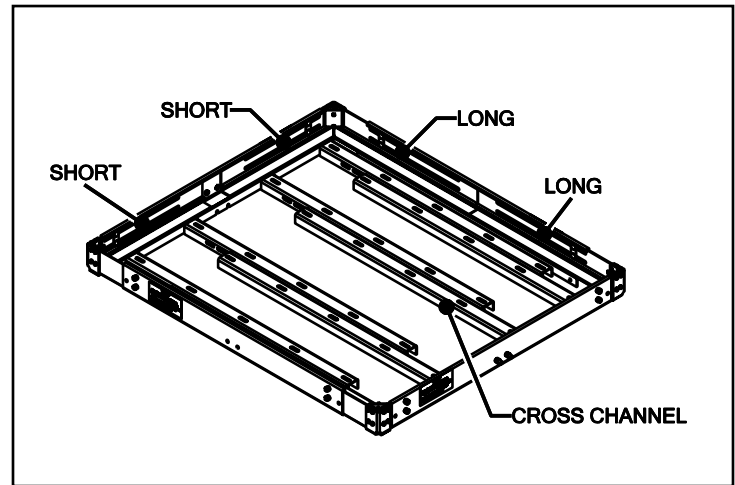


Image 9. Configuration 1.

To Change the Configuration:

1. Remove the four sets of cross channels.
2. Mount one end of the Cross Channel pairs to the Outer Support 90° from the original orientation.
3. If necessary, temporarily remove the fasteners which hold the individual Cross Channels together and adjust the length of the Cross Channel pairs.
4. Mount the other end of the Cross Channel pairs to the opposite Outer Support.
5. Replace and tighten any loose fasteners.

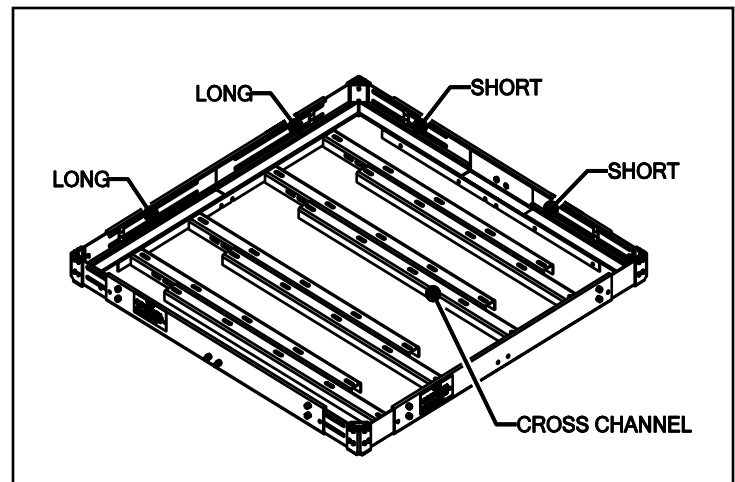


Image 10. Configuration 2.

- The **Support Kit (11-305-SK)** mounts directly to the False Car and Adjustable Platform to support the platform when its depth exceeds 84".

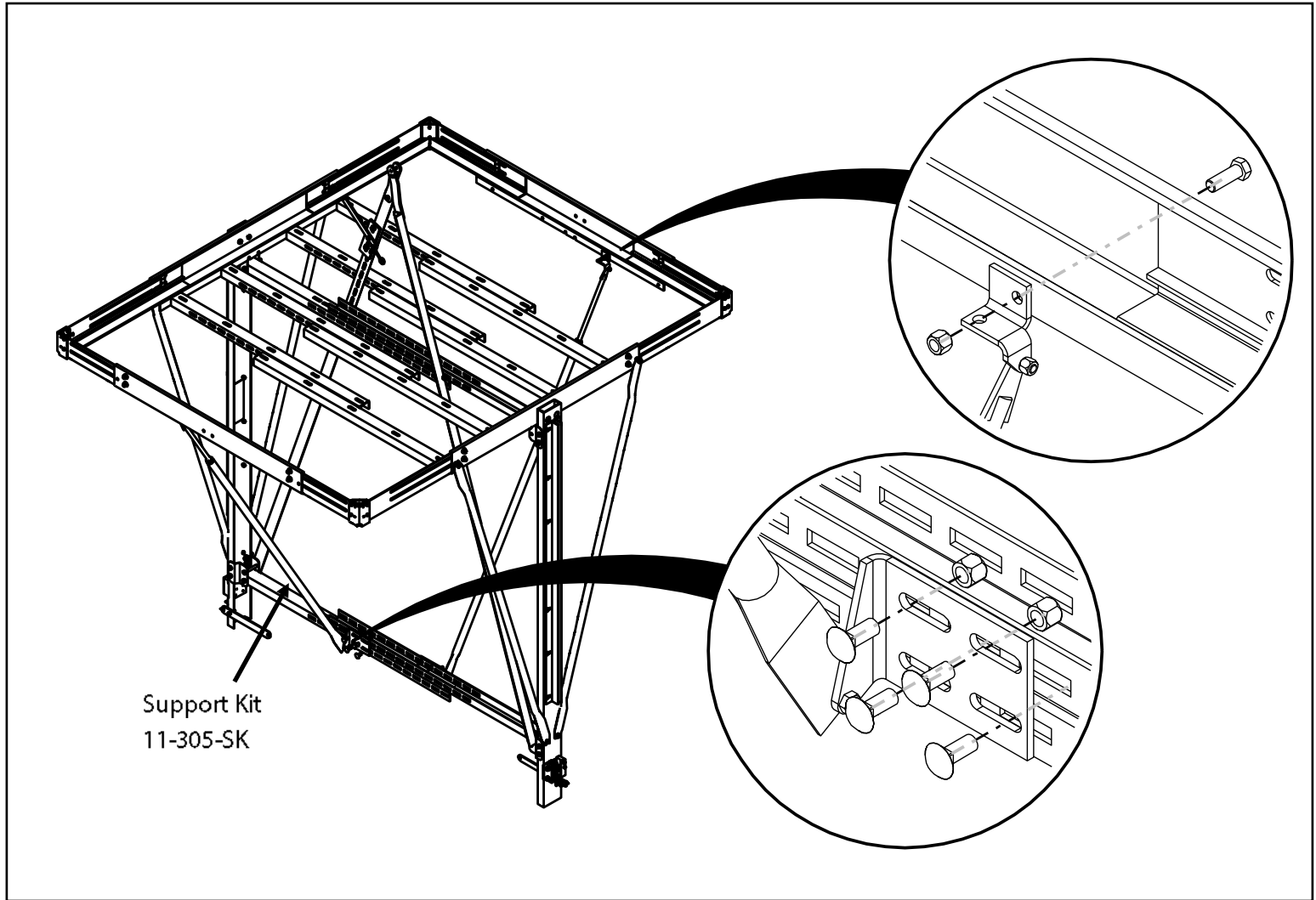


Image 11. Support Kit with the Adjustable Platform and False Car

Adjustable Platform Accessories

- To create a work platform on top of an existing elevator car, the Adjustable Platform can be mounted via the **Crosshead Mounting Kit (11-305-MK)**.
- The Adjustable Platform mounts directly to the **Wurtec False Car (11-301, 11-301-INT, 11-301-MID)** for a complete man-riding work platform.

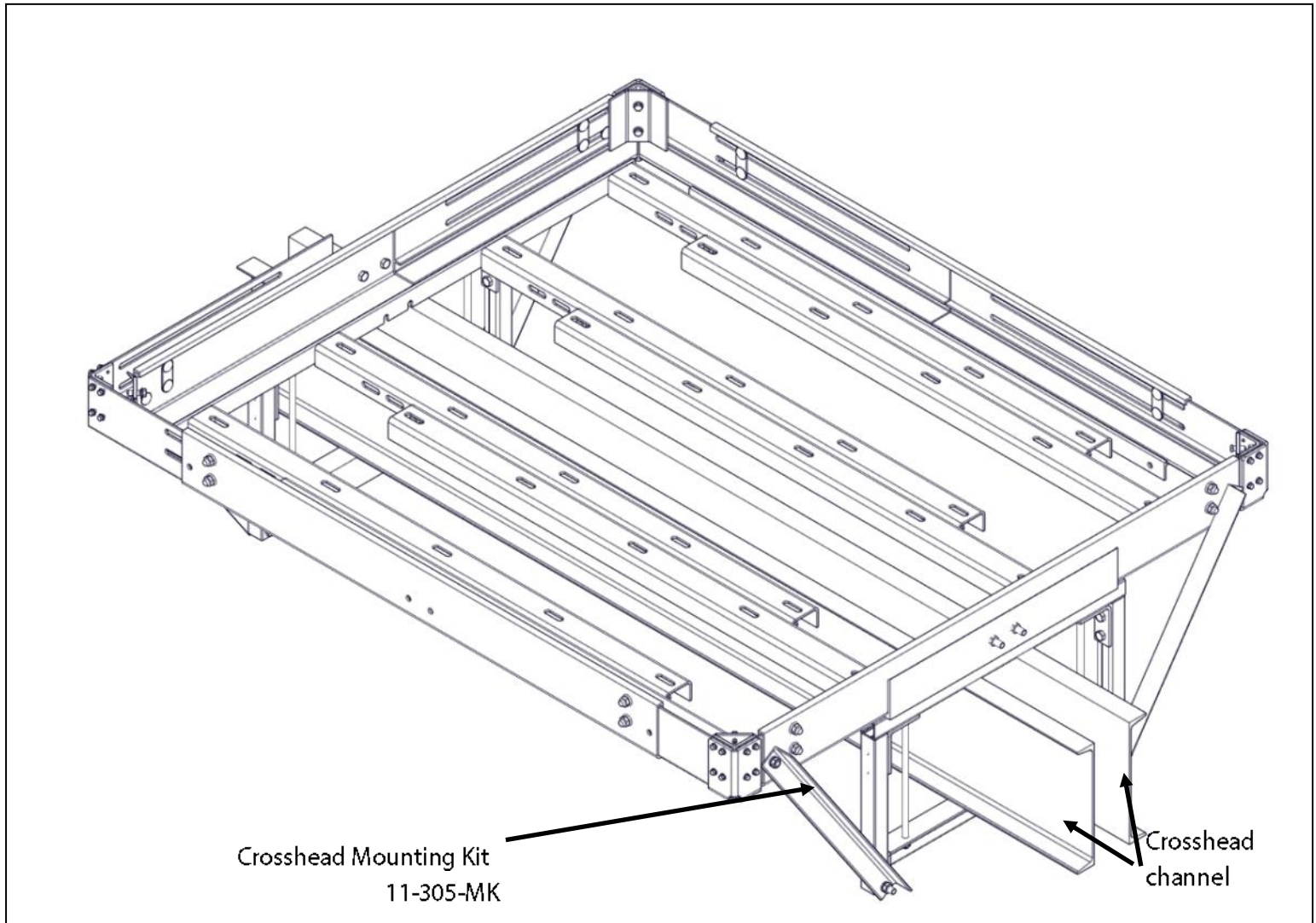


Image 12. Crosshead Mounting Kit.

Assembly and Installation

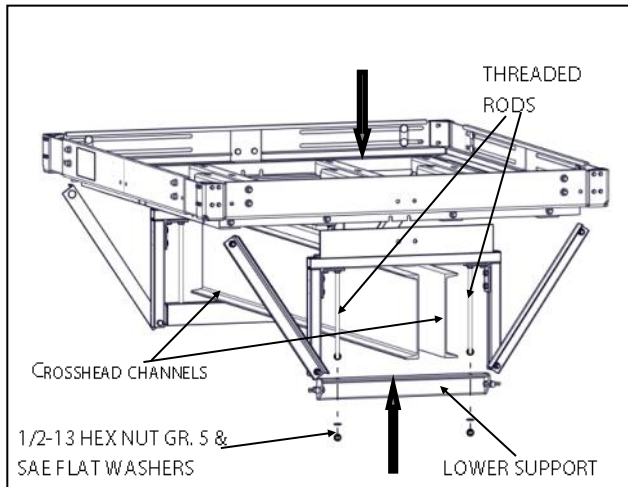


Image 13. Crosshead Channel attachment to Mounting Kit.

1. Lower the platform on top of the mounting kit (11-305-MK) and crosshead already set up as shown on the left. The platform should also be set to the desired size before attaching it to the mounting kit.
2. Secure the crosshead channels by clamping them with the lower supports and hardware provided.

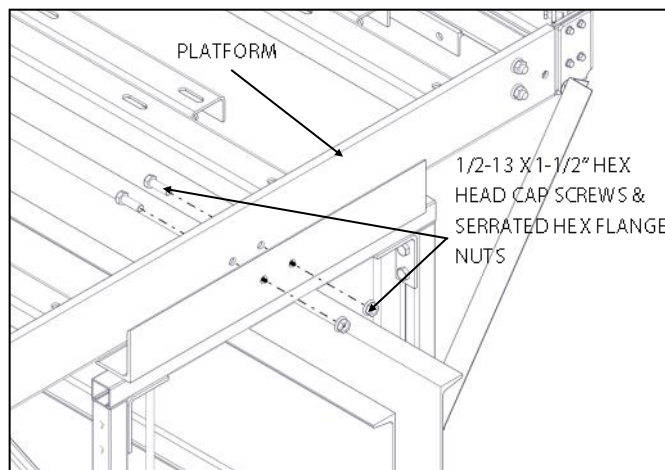


Image 14. Platform attachment to 11-305-MK

4. Attach the platform to the mounting kit (11-305-MK) using hex head cap screws and serrated hex flange nuts.

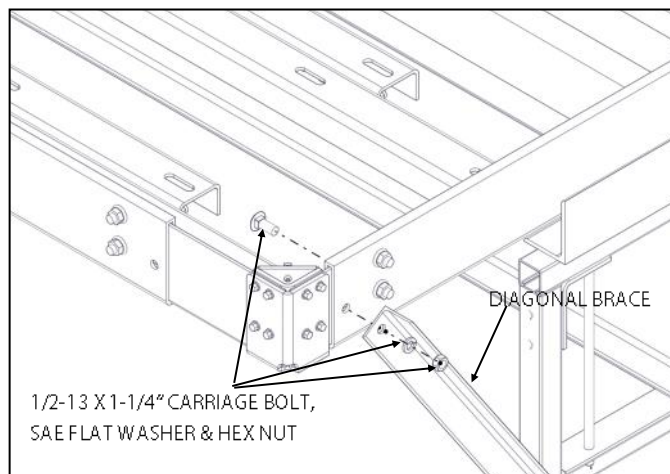


Image 15. Platform attachment to 11-305-MK

5. Attach the diagonal braces of the mounting kit to the platform with carriage bolts, flat washers and hex nuts as shown on the left.

Slant Top Breakaway Canopy

- The 11-357 Slant-Top Canopy mounts directly to the Adjustable Platform. It provides overhead protection, and the roof has the ability to break away from the Post Members in the event of a freefall scenario. The breakaway feature is designed to prevent the canopy from causing injury to personnel connected to fall protection.

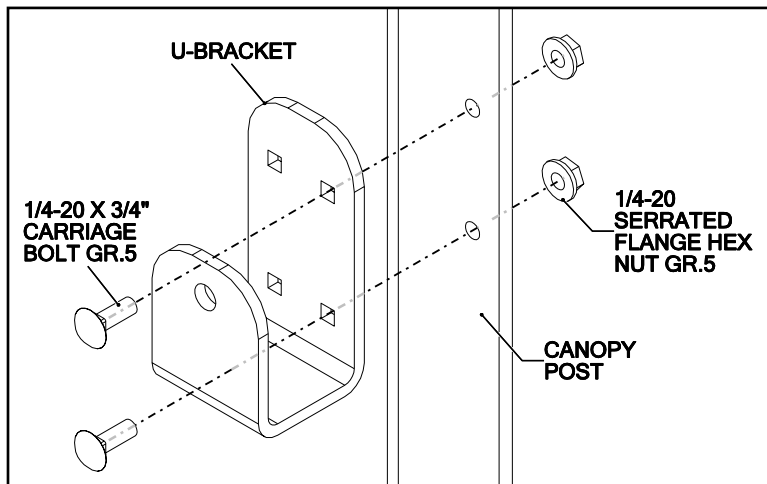


Image 16. U-Bracket attachment to Canopy Posts.

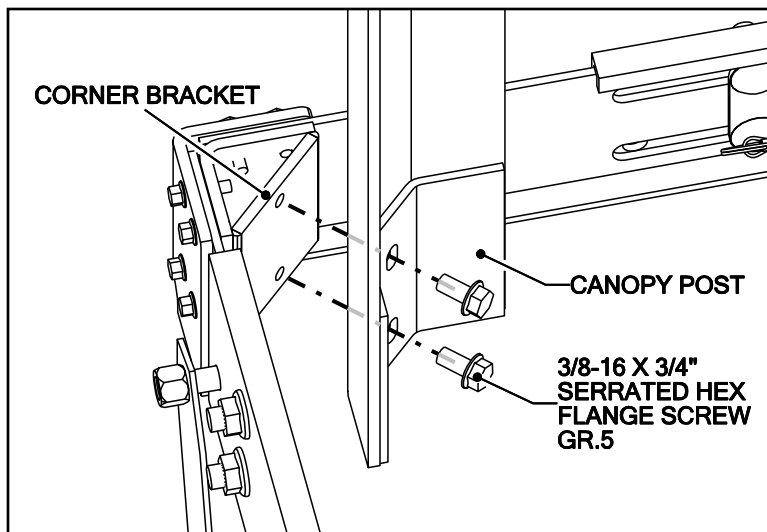


Image 17. Canopy Post attachment to Platform.

Assembly & Installation

- Attach two (2) U-Brackets to the two (2) the Post Members on the entrance side (4 total).
- Attach all four (4) Post Members to the inside of the Corner Brackets on the Adjustable Platform.
- Bolt both sets of Roof Supports together at the peak.

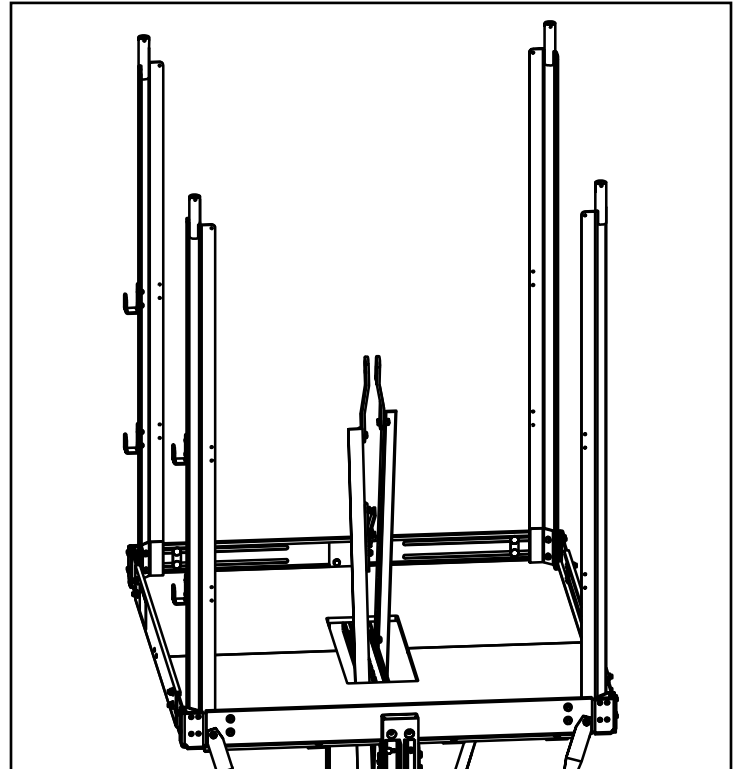


Image 18. Canopy Posts Installed.

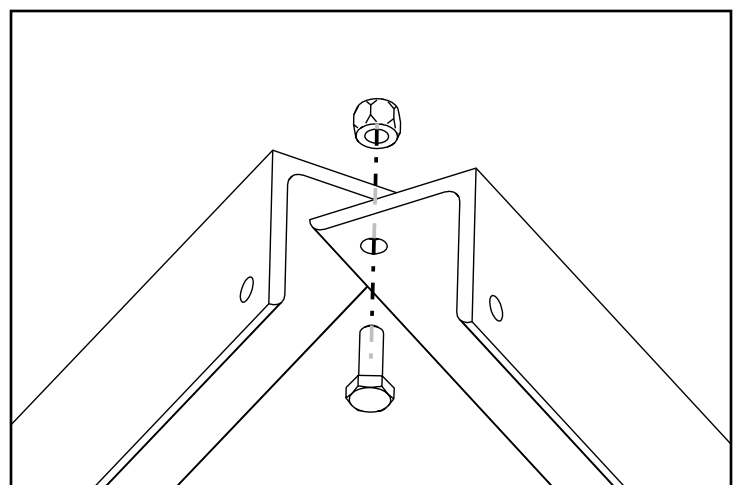


Image 19. Roof Peak Connection

4. Measure and cut plywood to fit Roof Supports.
5. Attach a plywood cover over the Roof Supports.
6. Install Canopy Roof by placing the Hinge Tubes at each end of the Roof Supports into the tubes on top of the Canopy Posts.
7. Measure and cut 2 X 4 handrails.
8. Attach 2 X 4 handrails to the Post Members. For the side closest to the landing, place the 2 X 4 handrails into the U-Brackets.

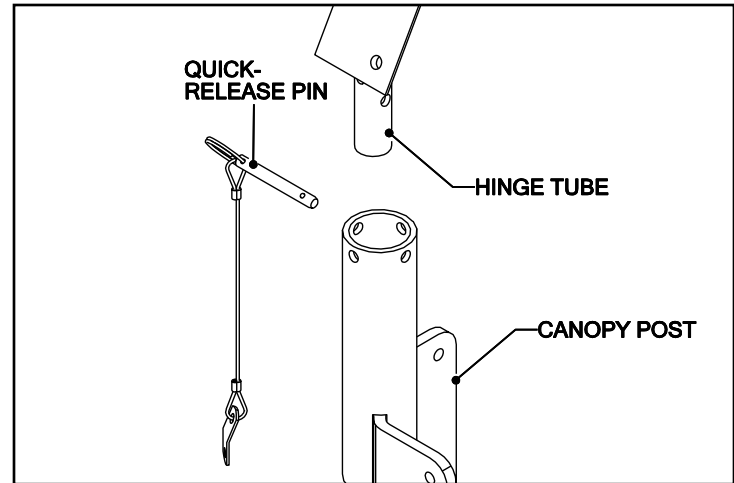


Image 20. Roof attachment to Canopy Post

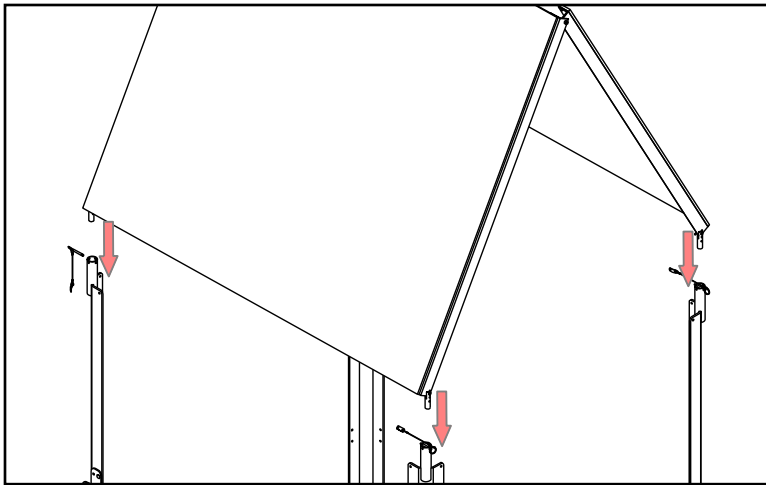


Image 21. Canopy Roof Placement.

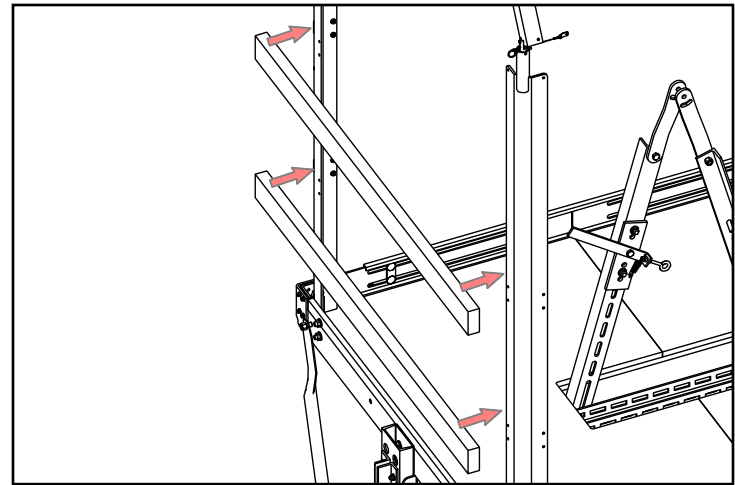


Image 22. Attaching 2X4 Handrails.

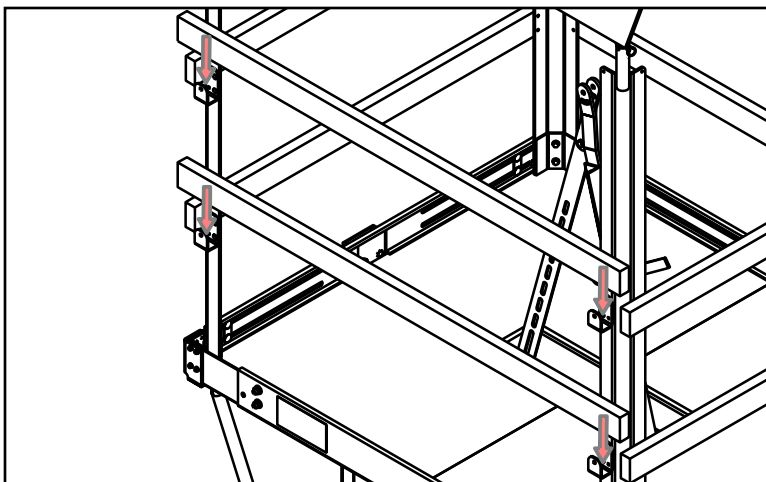


Image 23. 2X4 Gate Installation.

NOTICE

The plywood roof thickness should be at least $3/8"$ (10mm), and no more than $5/8"$ (16mm).

Remove the Quick-Release Pin at the top of the Canopy Post prior to use to enable break away capability of the canopy roof.

Telescoping Breakaway Canopy

The Telescoping Breakaway Canopy provides overhead protection and the flexibility to adjust the roof pitch independent of the width of the platform. The roof has the ability to break away from the Post Members or split open at the peak in the event of a freefall scenario. The breakaway feature is designed to prevent the canopy from causing injury to personnel connected to fall protection.

Assembly & Installation

1. Attach the four (4) Post Members to the inside of the Corner Braces on the Adjustable Platform.
2. Insert the Hinge Tube at the end of each Canopy Hitch and Canopy Receiver Assembly into the tubes at the top of the Canopy Posts.
3. Measure and cut plywood to fit Roof Supports.
4. Attach one of the plywood roof sections to the Canopy Receiver assemblies.
 - a. Slide the plywood in between the Canopy Outer Extrusion and the Top Angles.
 - b. Adjust the height of the Top Angles, if necessary, by loosening the fasteners that connect the Top Angle to the Canopy Outer Extrusion.
 - c. Use the flat head wood screws to fasten the plywood in place.

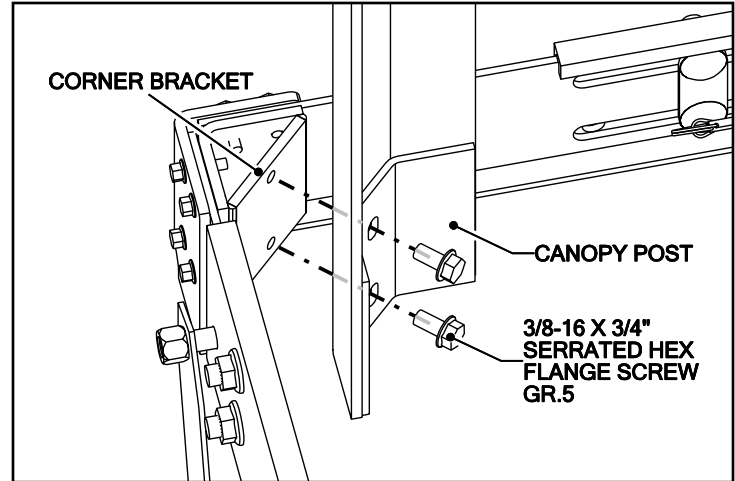


Image 24. Canopy Post Installation.

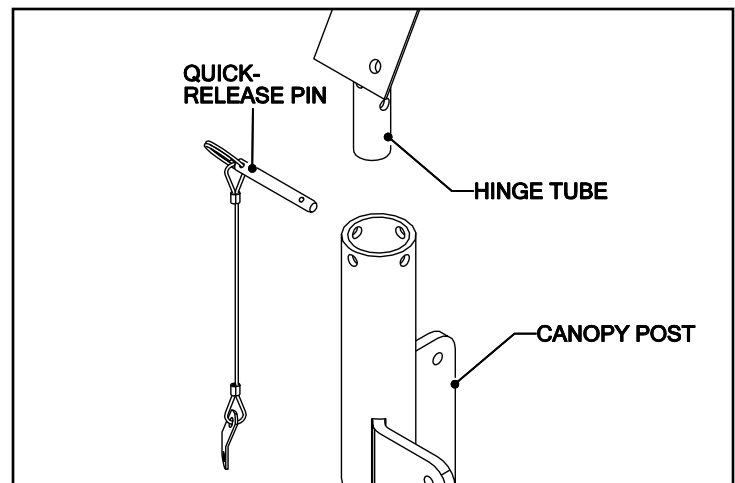


Image 25. Roof to Canopy Post Connection.

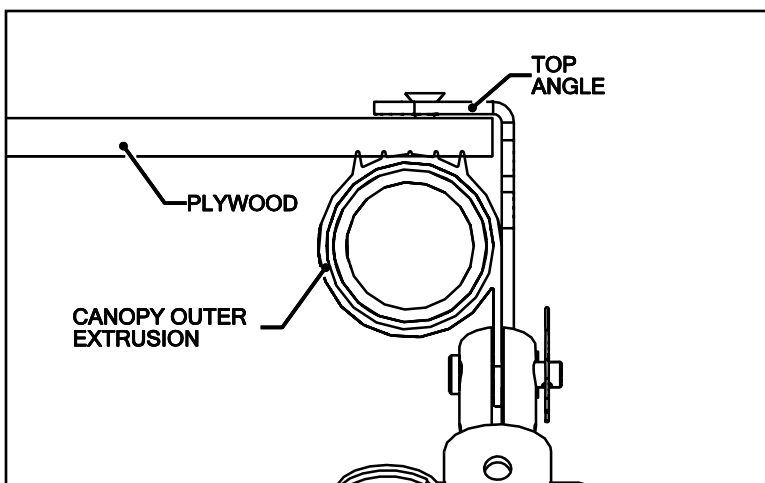


Image 26. Plywood Attachment.

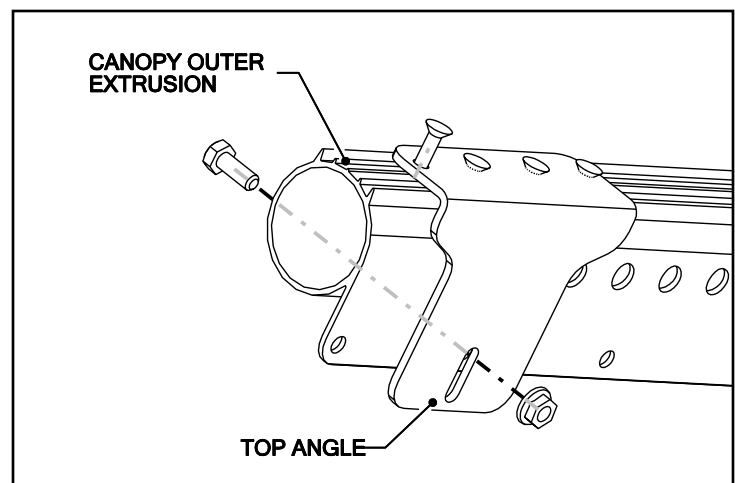


Image 27. Top Angle Adjustment.

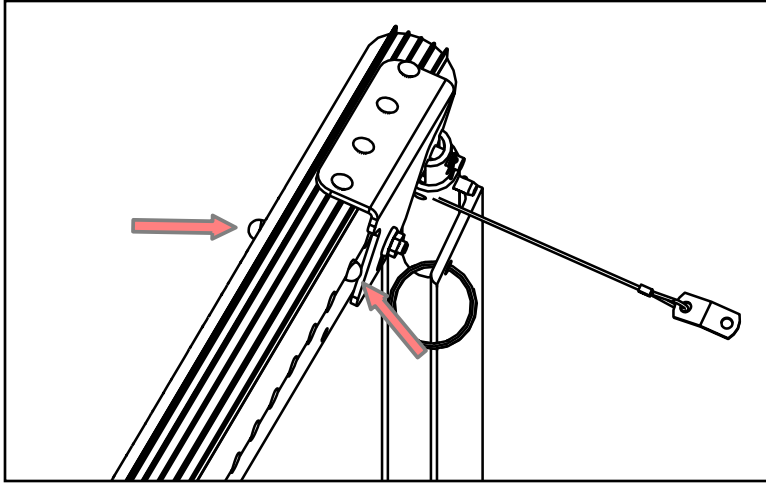


Image 28. Compressing the Quick-Release Buttons.

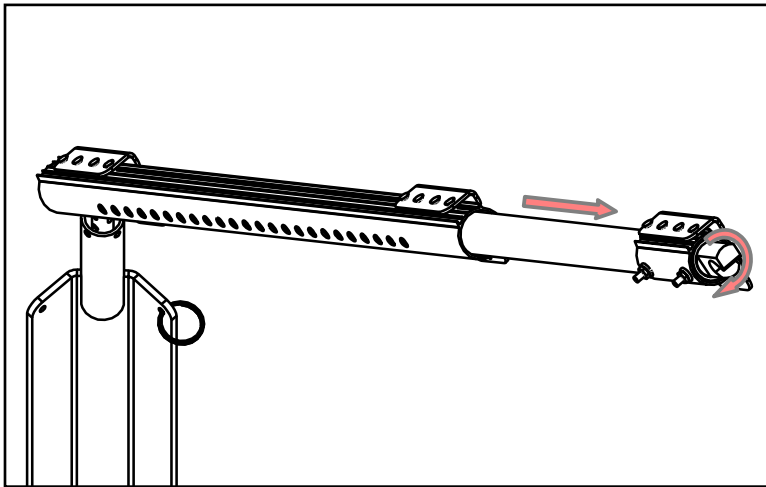


Image 29. Telescopic Adjustment.

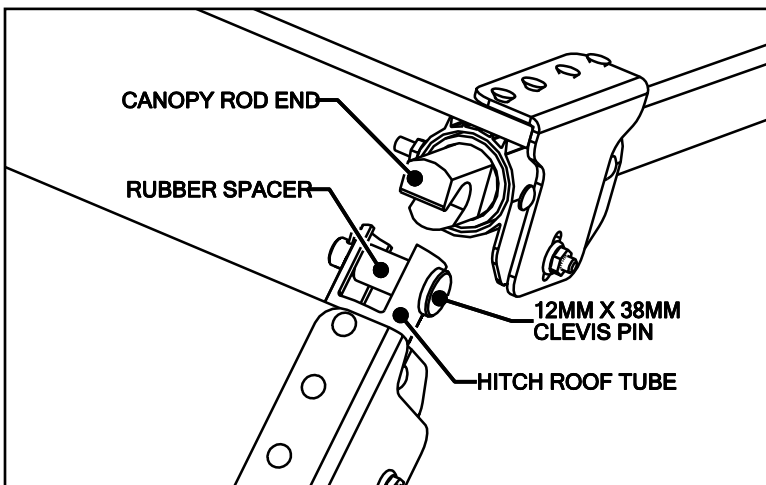


Image 30. Hitch To Receiver.

5. Attach the other plywood roof section to the Canopy Hitch assemblies, in the same manner as described in step 4.
6. If necessary, adjust the length of the exposed section of the Inner Roof Tube.
 - a. Compress the Quick-Release Button Connector.
 - b. Rotate the Inner Roof Tube so that the button is not aligned with the holes in the Canopy Outer Extrusion.
 - c. Move the Inner Roof Tube to the desired location.
 - d. Rotate the Inner Roof Tube so that the button extends through the Canopy Outer Extrusion to hold itself in place.
7. Connect each set of Canopy Receivers and Canopy Hitches to form the roof peak. The Canopy Rod End should fit over the Rubber Spacer and Clevis Pin to form a hinge connection.

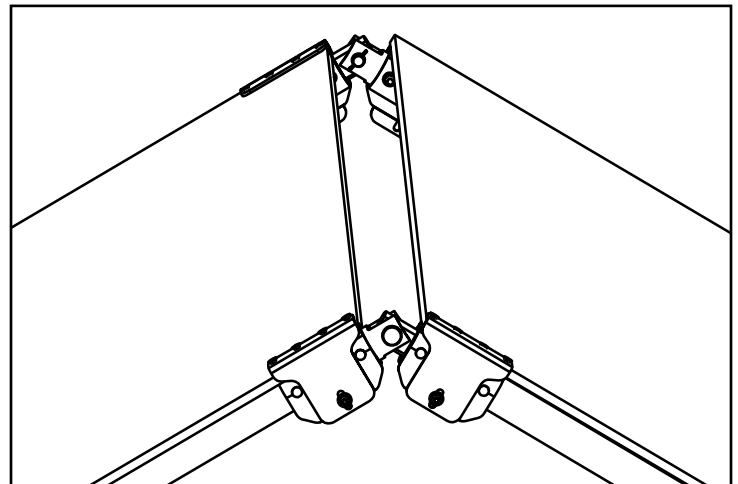


Image 31. Assembled Canopy Roof.

(Optional) To prevent objects from falling through the gap at the peak of the assembly, the following two methods can be applied to your canopy plywood:

Method 1: Overlap the plywood at the peak to eliminate the gap. You will need to notch out the plywood to allow for the hoisting ropes to pass through.

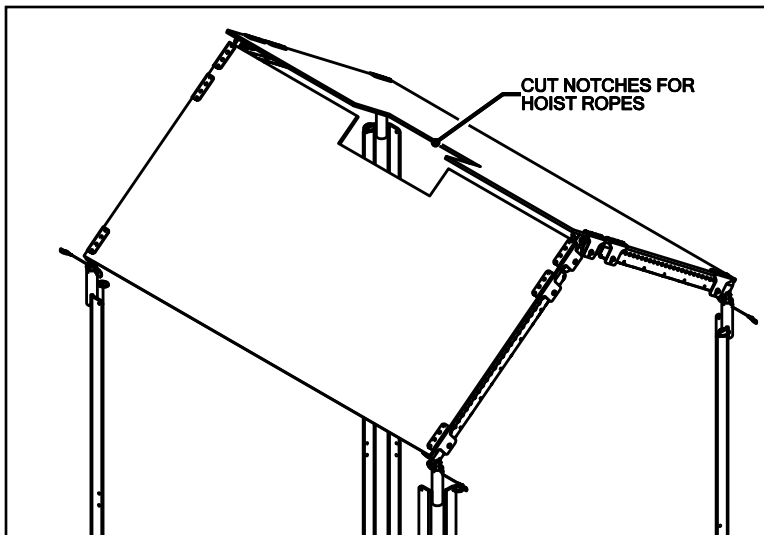


Image 33. Cut Notches for Hoist Ropes.

Method 2: Cover the gap at the peak with a mesh covering, such as PearlWeave Safety Netting. Leave an opening for the hoist ropes.

NOTICE

This method will prevent the canopy from splitting apart at the peak in the event of a freefall scenario where the canopy breaks away from the rest of the False Car.

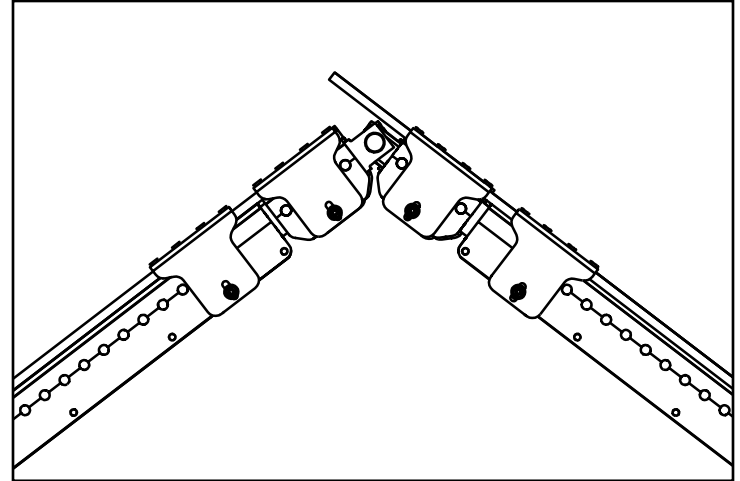


Image 32. Canopy Plywood Overlap.

NOTICE

The Canopy Rod End can be used as a break-away connection, or as a locked hinge connection. To switch the connection type:

- Remove the fasteners that hold the Canopy Rod End in place.
- Pull out the Canopy Rod End and rotate it 180°.
- Replace the Canopy Rod End and tighten its fasteners.

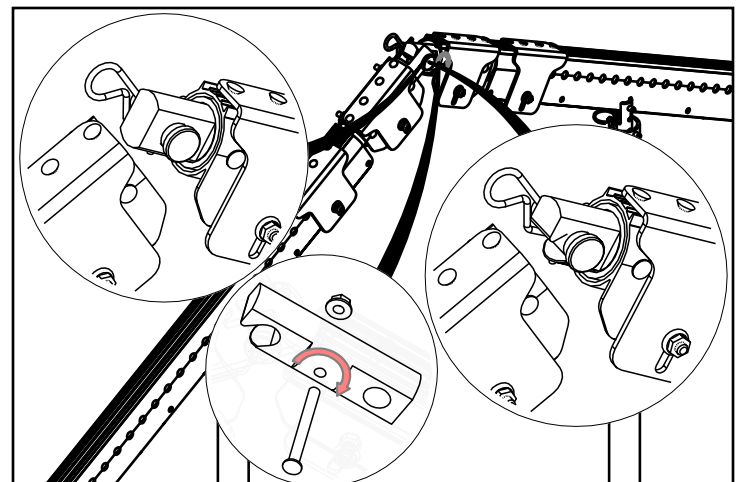


Image 34. Canopy Rod End.

Telescoping Handrail

The Telescoping Handrail Kit provides an adjustable barrier around the Platform. It attaches directly to the Post Members of the Canopy.

Installation:

1. Loosen the Slip-Joint Nut so that the Inner and Outer Tubes can freely telescope in and out.
2. Attach the ends of each handrail section to the Post Members.
 - a. Use the Quick-Release Pins for the end of the handrails closest to the landing that will act as the gate.
 - b. Use the lynch pins for all other handrail-to-canopy post connections.
3. Tighten the Slip-Joint Nut until it is snug and the handrail tubes cannot move relative to each other.

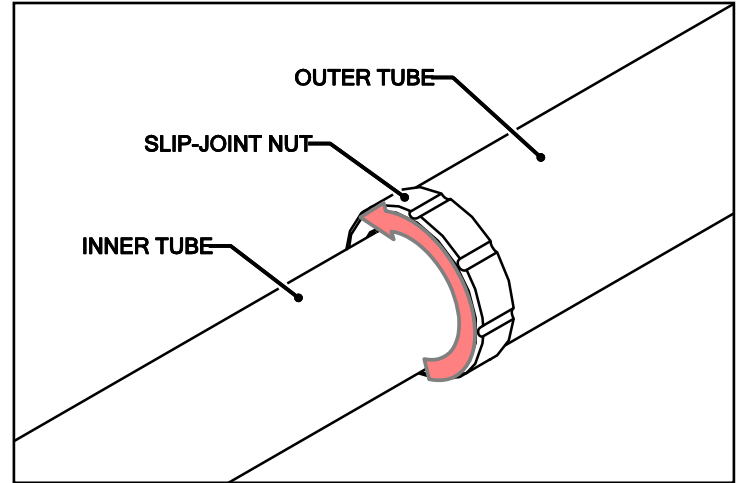


Image 35. Handrail Length Adjustment.

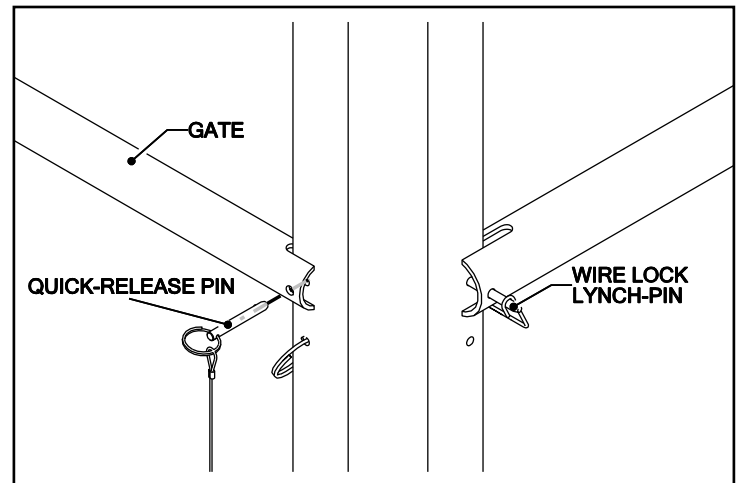


Image 36. Handrail Length Adjustment.

	CAUTION
Avoid allowing any body parts to get in between the handrails and canopy post members during installation.	

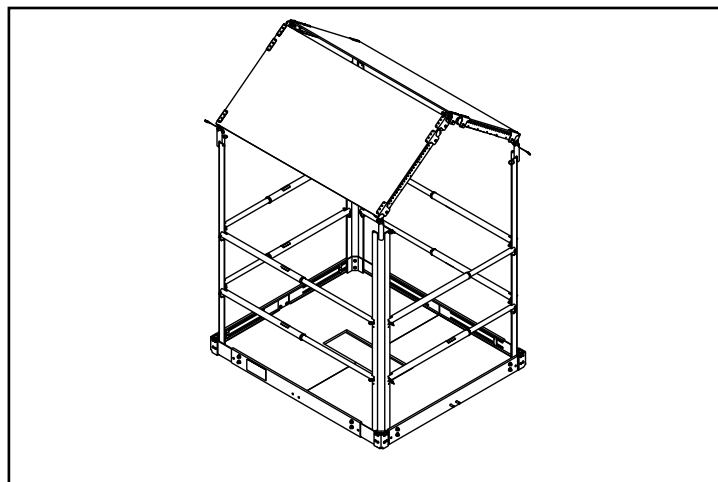


Image 37. Completed Handrail Installation.

Notes