

TELESCOPING BREAKAWAY CANOPY

Part No. 10-10019359

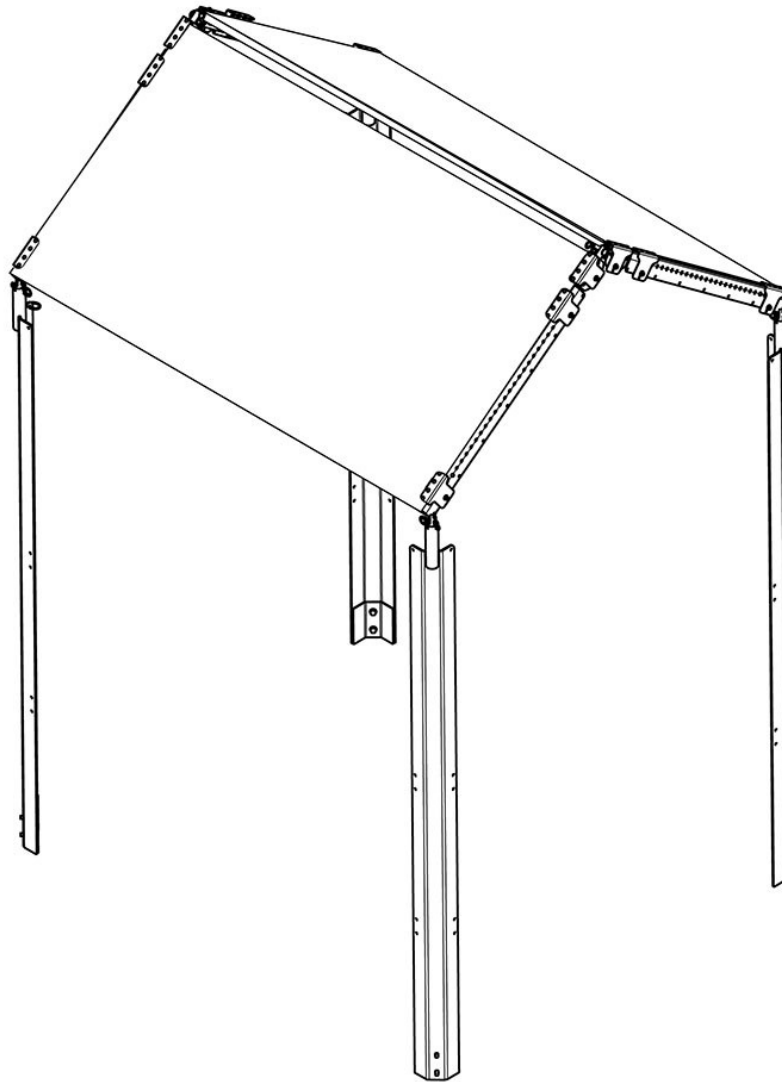


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NOTICE

GENERAL WARNINGS

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.

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.

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.

WARNING

Failure to comply with the following guidelines can result in death or serious injury:

- Before use, ensure that the straps on the corner posts are properly positioned and securely fastened.
- The installation of the False Car, Platform, Canopy, and Handrails presents several potential pinch points. Be mindful of body placement—both yours and others'—to prevent injuries like smashed fingers or toes.
- Using materials other than those specified for the platform decking or canopy roofing can result in serious hazards, including the risk of someone stepping through the deck and falling down the hoistway or being struck by falling objects.
- Be aware that objects may fall through the gap at the canopy's peak.
- The False Car canopy is designed to withstand the impact of a 7 kg steel ball dropped from a height of 2 meters. However, larger objects or those falling from greater heights may not be deflected by the canopy.

EQUIPMENT DESCRIPTION & INTENDED USE

The breakaway canopy is designed for use with the V1 False Car and/or V1 Adjustable Platform to safeguard technicians working in the hoistway from falling objects. Its critical feature, however, is its ability to detach in the event of a platform failure. If a technician is using a fall protection lifeline and the platform falls, leaving the worker suspended, the canopy will break away when impacted, ensuring it doesn't hinder the technician's safety by remaining attached to the roof of the V1 False Car.

INSTALLATION / ASSEMBLY TOOLS REQUIRED

The following are the minimum required tools for installation:

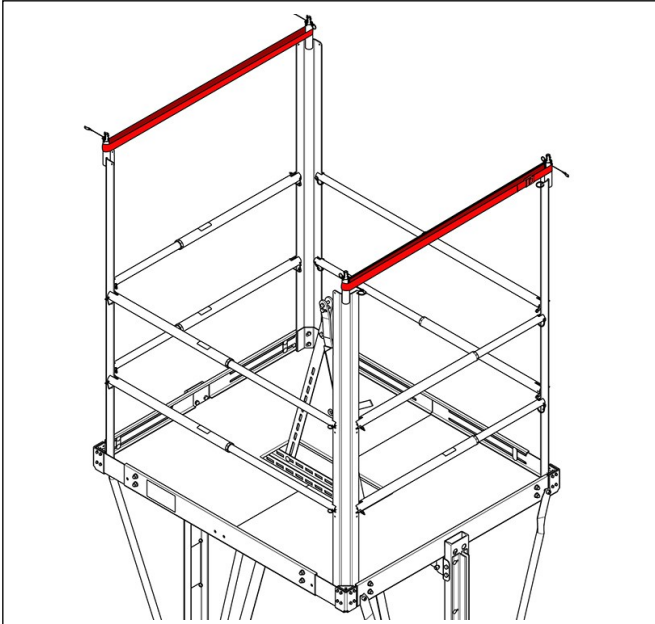
- Tape Measure
- Circular Saw
- Pliers
- Drill or Impact Driver with Phillips Head Bit
- 9/16" socket/wrench

PERSONAL PROTECTION EQUIPMENT (PPE) REQUIRED

The following PPE is recommended for installation:

- Safety glasses
- Hard hat
- Abrasion-resistant gloves
- Steel toed boots
- Safety Vest
- Harness and attached lifeline

INSTALLATION INSTRUCTIONS

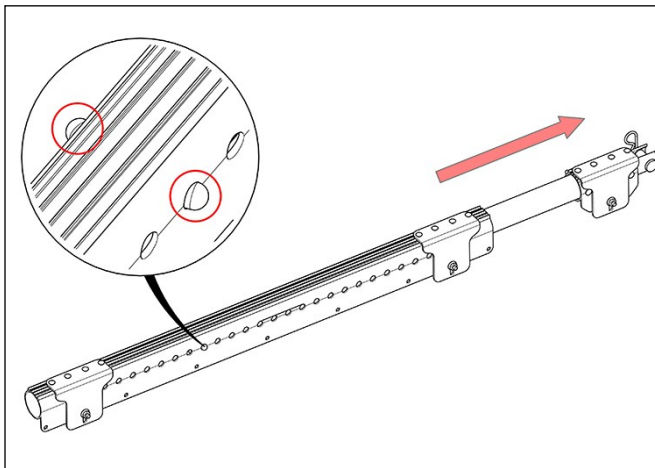


The Telescoping Canopy mounts directly to the inside corners of the Adjustable Platform. It provides overhead protection, and the roof has the ability to break away from the Post Members in the event of a freefall scenario.

The breakaway feature is designed to prevent the canopy from causing injury to personnel connected to fall protection.

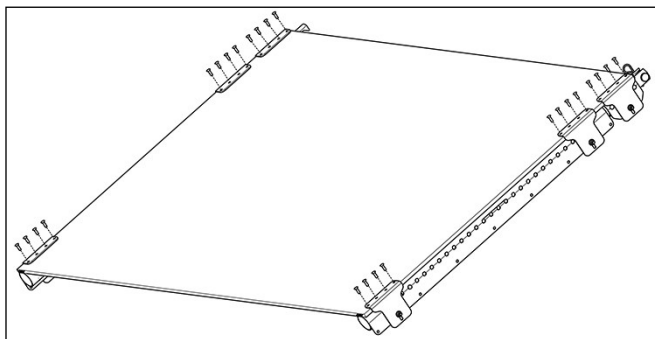
Step 1: Attaching Straps to the Corner Posts

- Attach the two straps in the locations shown.
- Pull the straps tight.



Step 2: Measure and Adjust Roof Members

- The Roof Members can be easily adjusted to fit your platform configuration. Press both quick release buttons on the sides of the roof member, then pull the telescoping roof member to the appropriate size.



Step 3: Attaching the Plywood

- *NOTE: The plywood roof thickness should be at least 3/8" (10 mm), and no more than 5/8" (16 mm).
- Measure and cut the plywood roof sections, leaving enough room for a gap where the plywood sections meet.
- Slide the plywood in between the canopy outer extrusion and the top angles.
- Use flat head wood screws to fasten the plywood in place.

INSTALLATION INSTRUCTIONS

Our breakaway canopies offer two breakaway configurations to suit different needs:

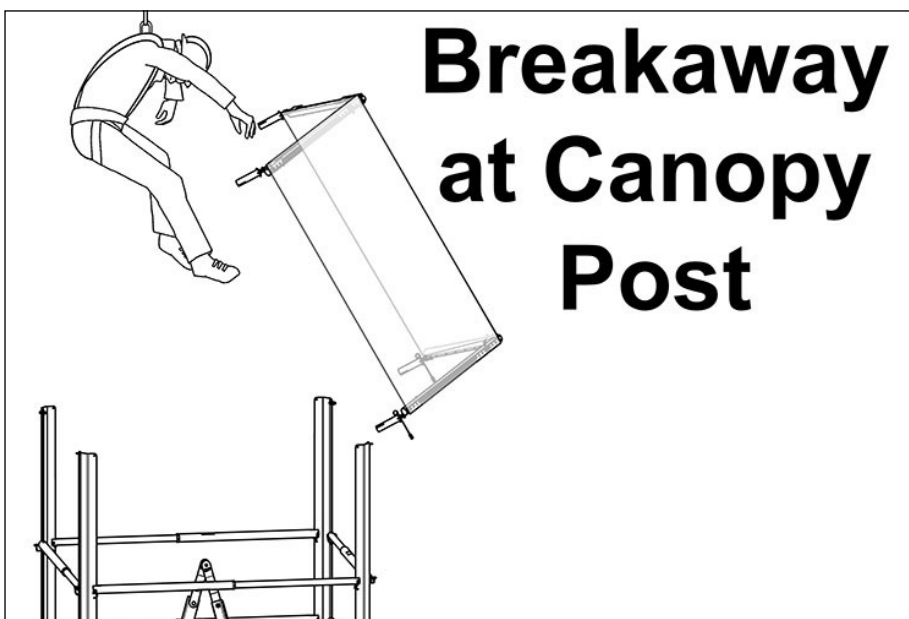
1. The roof is configured to break apart at the peak on impact.
2. The canopy detaches from the canopy posts on impact, leaving the roof intact.

Select your preferred breakaway configuration, then follow the corresponding installation instructions.



Breakaway at Roof Peak

When configured for breakaway at the roof peak, the canopy is designed to break apart at the peak of the roof during platform freefall conditions.



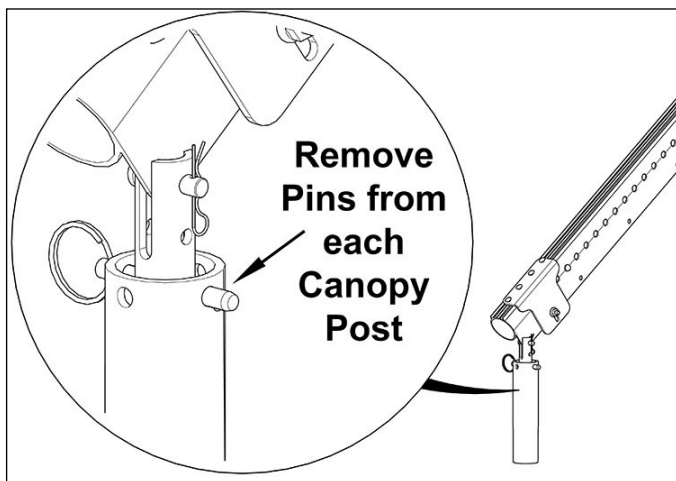
Breakaway at Canopy Post

When the canopy is configured to breakaway at the canopy post, the canopy acts as a locked hinge.

Upon impact the canopy breaks away at the canopy post, while the canopy remains intact.

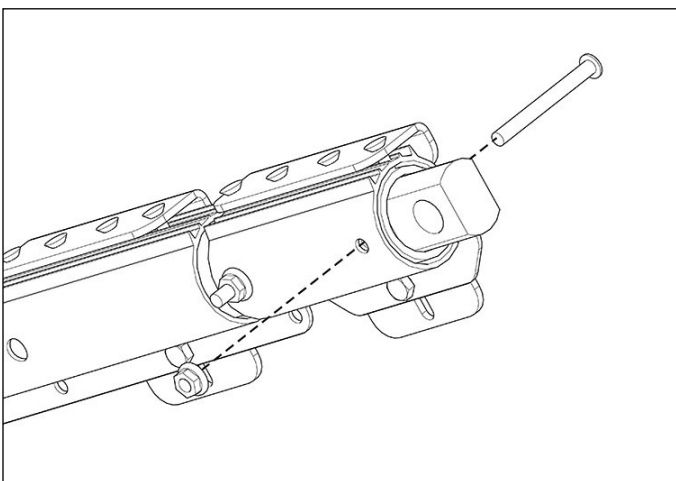
INSTALLATION INSTRUCTIONS

Configuring the Canopy to Breakaway at the Roof Peak



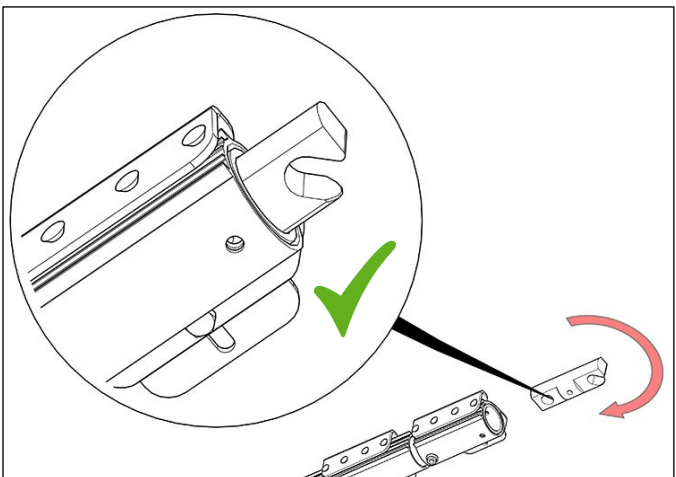
Step 1: Removing the Quick Release Pins

- Remove the Quick Release Pins from each of the Canopy Posts.
- *NOTE: Quick Release Pins are for setup only.
- Once all four pins have been removed, the breakaway canopy will break apart at the canopy post.



Step 2: Remove Canopy End Hardware

- On the Roof Member, remove the Button Head Screw and Nut from the Canopy Rod End. Set Aside.

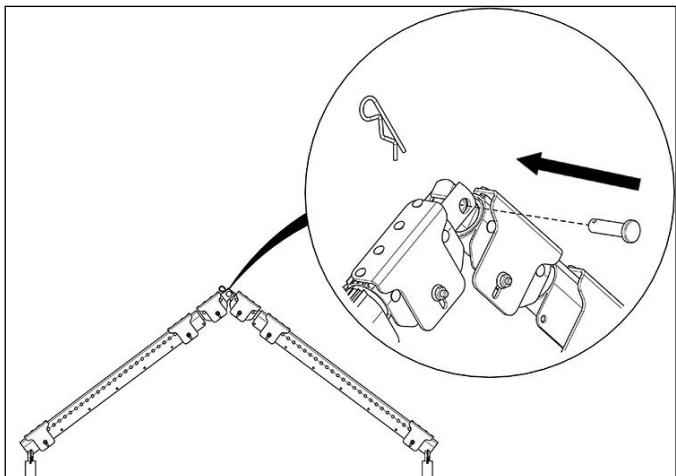


Step 3: Rotate Canopy Rod End

- Pull the Canopy Rod End out and flip it so the hook end is facing outward, and the hook opening is pointing down.
- Secure the Canopy Rod End in place with the Button Head Screw and Nut removed in the previous step.

INSTALLATION INSTRUCTIONS

Configuring the Canopy to Breakaway at the Roof Peak

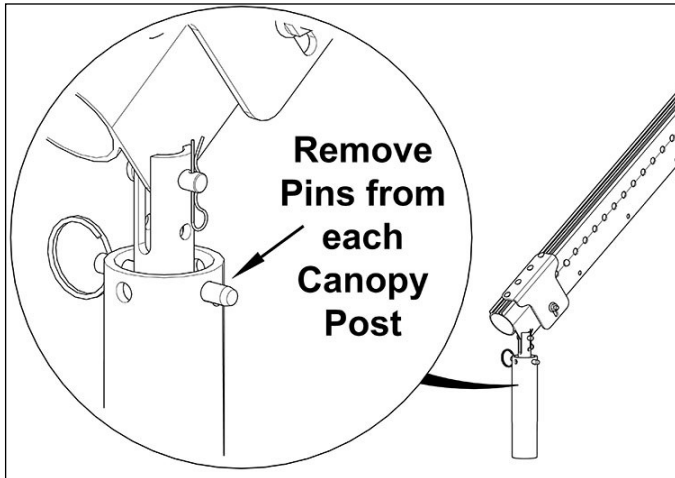


Step 4: Add the Connecting Fasteners

- Add the Bolt and Cotter Pin to the peak of the roof member. Ensure both sets of roof members are connected at the peak.
- The canopy will now breakaway at the roof peak.

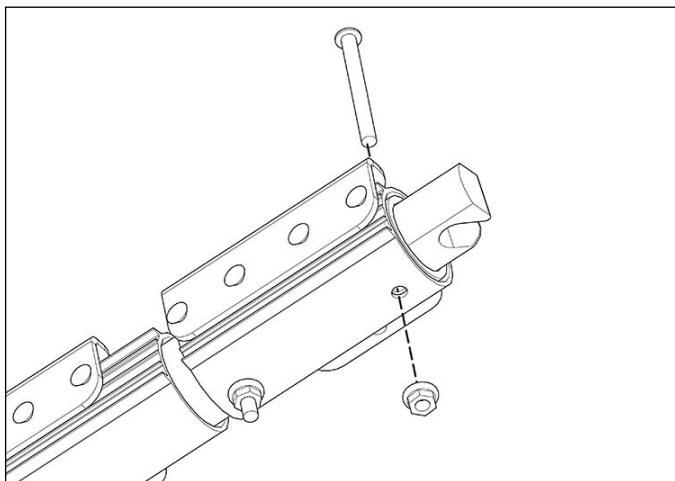
INSTALLATION INSTRUCTIONS

Configuring the Canopy to Breakaway at the Canopy Post



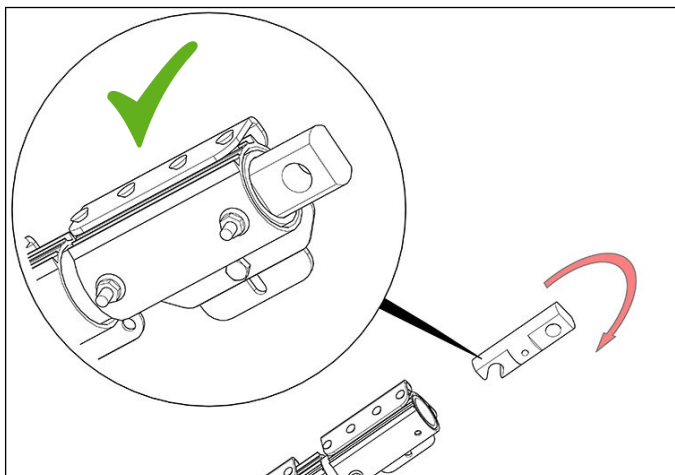
Step 1: Removing the Quick Release Pins

- Remove the Quick Release Pins from each of the Canopy Posts.
- *NOTE: Quick Release Pins are for setup only.
- Once all four pins have been removed, the breakaway canopy will break apart at the canopy post. This is required to prevent entrapment under the canopy should



Step 2: Remove Canopy End Hardware

- On the Roof Member, remove the Button Head Screw and Nut from the Canopy Rod End. Set Aside.

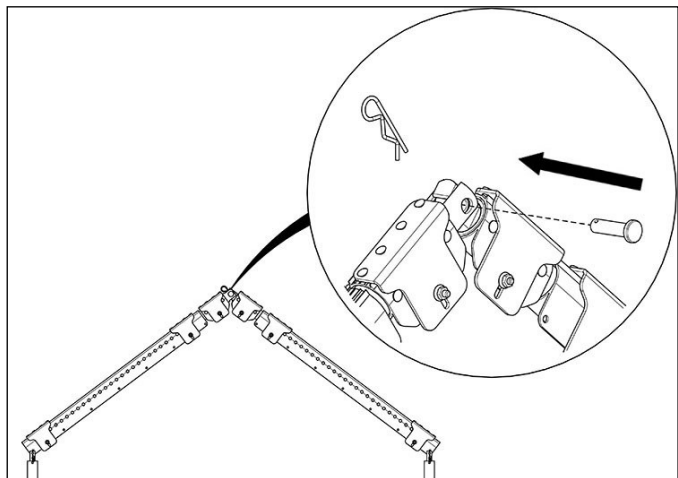


Step 3: Rotate Canopy Rod End

- Pull the Canopy Rod End out and flip it so the hole end is facing outward.
- Secure the Canopy Rod End in place with the Button Head Screw and Nut removed in the previous step.

INSTALLATION INSTRUCTIONS

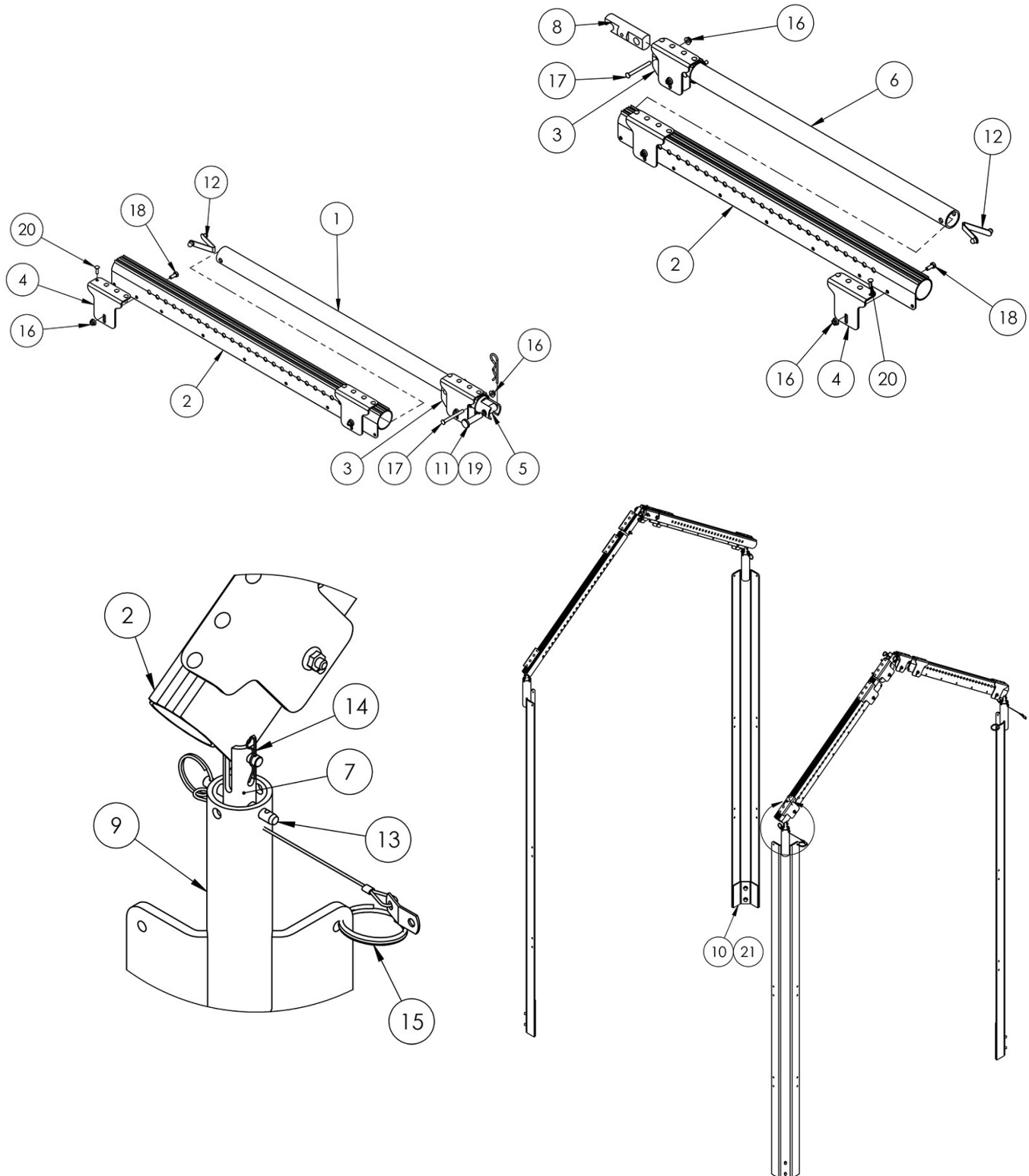
Configure Canopy to Breakaway at the Canopy Post



Step 4: Add the Connecting Fasteners

- Add the Bolt and Cotter Pin to the peak of the roof member. Ensure both sets of roof members are connected at the peak.
- The canopy will now breakaway at the canopy post.

BILL OF MATERIALS



BILL OF MATERIALS

Item	Qty	Part No.	Description	Size	Length
1	2	10-10015245	HITCH ROOF TUBE	-	-
2	4	10-10019360	CANOPY OUTER EXTRUSION	-	-
3	4	10-10019112	SHORT CANOPY OUTER	-	-
4	12	10-10019351	TOP ANGLE		
5	2	10-10019797	RUBBER SPACER	-	-
6	2	10-10015238	INNER ROOF TUBE	-	-
7	4	10-10015241	HINGE TUBE	-	-
8	2	10-10026637	CANOPY ROD END II	-	-
9	4	10-10022137	CANOPY POST	-	-
10	4	10-10022108	SANDWICH PLATE	-	-
11	2	93131A510	METRIC CLEVIS PIN, 12mm DIA X 38mm UL	M12	53MM
12	4	94282A370	QUICK-RELEASE BUTTON CONNECTOR	-	-
13	4	10066748	QUICK-RELEASE PIN	1/4"	1.7" UL
14	4	97245A631	CLEVIS PIN W/ COTTER PIN	1/4"	13/16"
15	4	90177A224	KEY RING	1-5/8" OD X 1-	-
16	20	0185916	METRIC SERRATED HEX FLANGE NUT CL.8	M6-1.0	-
17	8	0173207	METRIC BUTTON HEAD SOCKET CAP	M6-1.0	60 MM
18	12	38564	METRIC HEX HEAD CAP SCREW	M6-1.0	16 MM
19	2	45286	FASTENAL HAIR-PIN COTTER PIN	1/8" DIA	2 9/16"
20	48	31584	PHILLIPS DRIVE FLAT HEAD TYPE A POINT	10-12	5/8"
21	8	11104709	SERRATED HEX FLANGE SCREW	3/8-16	3/4"
22	2	10870-Y9.5-0.50	1" TIE DOWN, 9.5 FT LONG, YELLOW	-	-