

Shadetree Canopy Installation Guide

Read this guide and review shop drawings and notes before beginning installation.

All packages should be opened and inspected for hidden damage upon receipt. Repackage all components and carefully store in an area protected from the weather until ready for installation. Handle materials so as to protect materials, coatings, fabric, and finishes during transportation and installation to prevent damage or staining.

It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide, and may not address every circumstance. The installer should determine and implement appropriate installation techniques for each situation. Structureworks shall not be held liable for improper or unsafe installations.

Recommended Tools

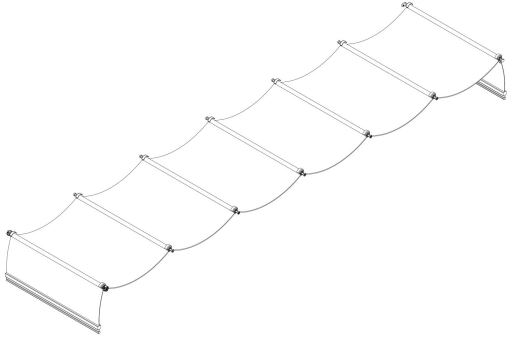
- Pencil
- 8' Ladder (2)
- 1/8" Allen Wrench
- Tape Measure
- Phillips Screwdriver
- Drill/Impact Driver
- Phillips Bit

Use and Maintenance

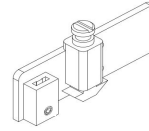
- Do not use the canopy in high winds or rain.
- All components should be inspected annually for wear and adjusted as needed.
- Rinsing the canopy fabric once a month with a low pressure hose is the most effective way to reduce dirt accumulation. Ensure the fabric has dried fully before retracting it.
- Fabric Cleaning: Remove dirt with a soft brush, then spray the fabric with water using a low pressure hose. Next, prepare a solution of solvent free soap in warm water and apply it to the fabric evenly. Then, scrub the fabric with a soft brush allowing the solution to penetrate the fabric. Finally, rinse with water and let air dry. For more aggressive cleaning substitute the soap solution for a solution of 70% water, 20% solvent-free soap, and 10% bleach. Apply the solution to the fabric and allow it to sit for 15 minutes. Then, rinse the fabric thoroughly to fully remove the solution and let air dry.
- The canopies may be removed from the structure and stored when not in use for extended periods of time. Remove the top lock brackets at the stored end of each track, then remove the roller lock pins. Finally, roll the crossmembers out of the track.

Components

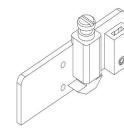
Fabric Assembly



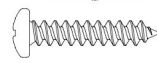
Left Top Lock



Right Top Lock



#10 x 1" Phillips
Pan Head Screw



60" Skyhook

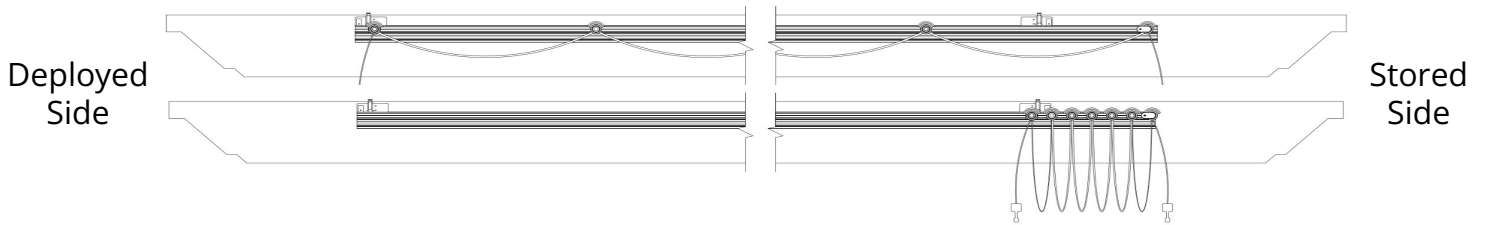


ShadeTree Track (Pre-Installed)

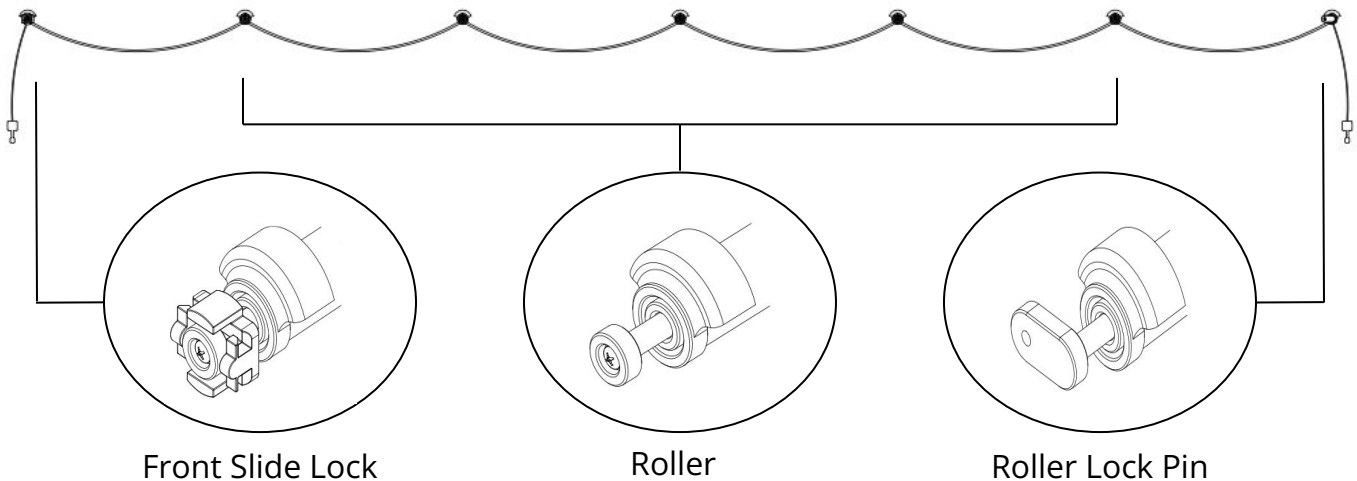


Canopy Orientation and Identification

1. Identify the stored and deployed sides of the canopies.

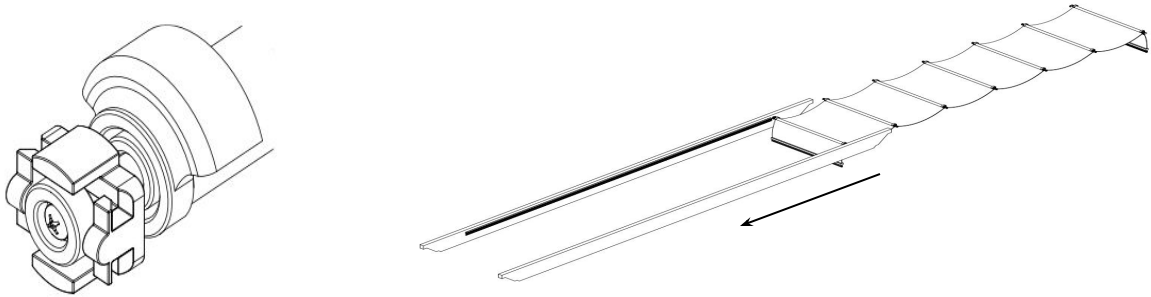


2. Identify the front slide lock, rollers, and roller lock pin on the fabric assembly.

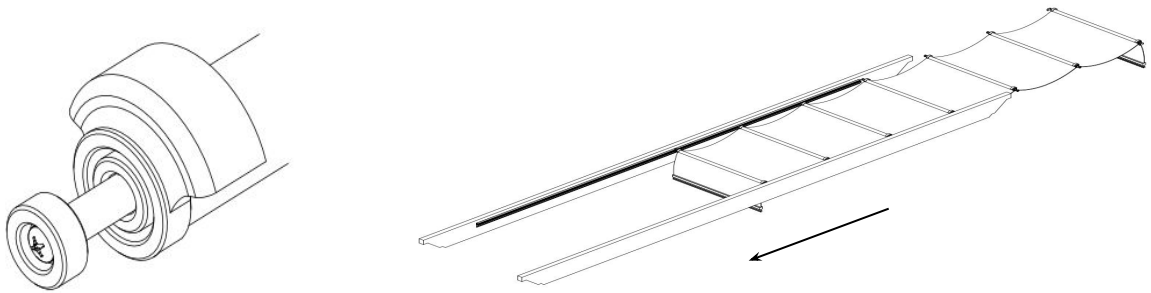


Fabric Assembly Installation

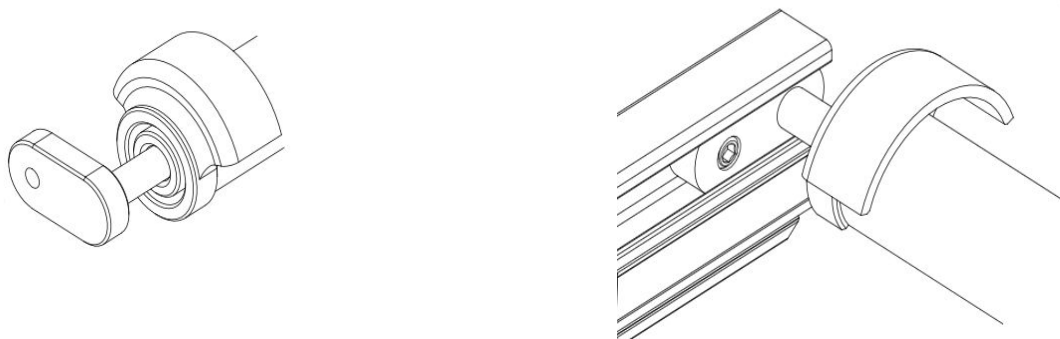
1. Insert the front slide locks into the stored end of the tracks. Ensure that both sides are entering the tracks evenly to prevent binding and that the fabric clamp on the front slide lock is facing up.



2. Insert the remaining roller assemblies into the tracks.



3. Insert the roller lock pin into the tracks, set screw first.
4. Position the roller lock pin flush with the end of the tracks and tighten the set screw to hold in place.



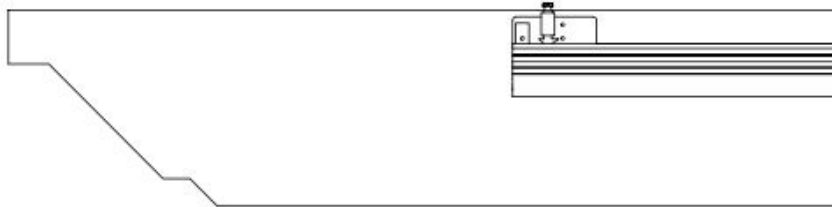
Install Top Locks

- The top locks are installed at each end of the track to hold the canopy open when deployed and in place when stored.
- The top locks have a right part and a left part, ensure that the top lock is oriented as shown in the images below. The top locks must be seated on top of the track in order to properly hold the canopy in place.
- On the deployed end of the track, install the top locks flush with the end of the track.
- On the stored end of the track, install the top locks in from the end of the track by the distance calculated below.

Number of canopy crossmembers x 1.25" = distance from end of track (shown as x below)

- Fasten the top locks to the structure using #10 x 1" screws.
- Add tension to the spring mechanism by adjusting the screw with a flat head screwdriver.
- The top locks will release the canopies in high winds depending on how tight the spring mechanism is set. You may need to adjust the tension to find the right balance.

Deployed Side



Stored Side

