

ShadeFlex® Fit Track & 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)
- ⅜" Allen Wrench
- Tape Measure
- Phillips Screwdriver
- Drill / Impact Driver
- Drill Bits
- Countersink Bit
- Phillips Bit

Use and Maintenance

Do not operate in rain or high winds.

Inspect annually for wear and tighten or replace parts as needed.

To reduce dirt buildup, remove canopies and rinse fabric with a hose. Do not use a power washer. Allow fabric to dry before retracting.

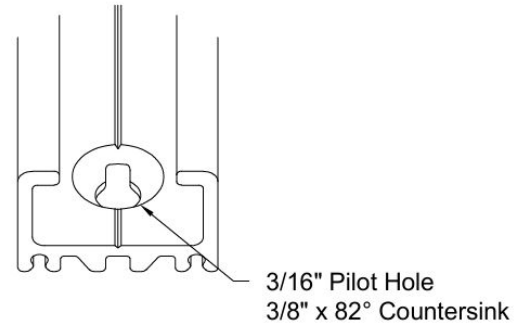
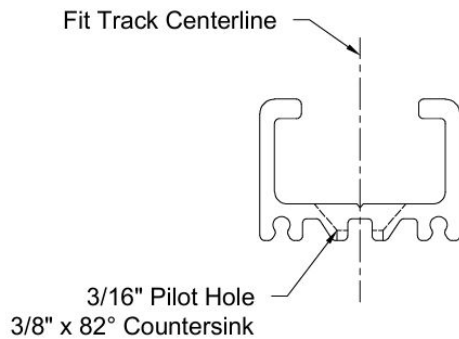
Apply ShadeFlex track cleaner regularly to keep rollers operating smoothly.

Use ShadeFlex fabric cleaner to clean heavy dirt or stains, and apply ShadeFlex canopy water repellent to protect the fabric from mildew and environmental damage.

If canopies will not be used for an extended period, they can be retracted and secured with a ShadeGuard. During winter months it is advised to remove and store the canopy. To remove the canopies, loosen the set screw on the WindLock stop plate at the retracted end and remove the plate. Then, loosen the set screws on the roller lock pins and remove all crossmembers. Store the canopy in a dry, protected location.

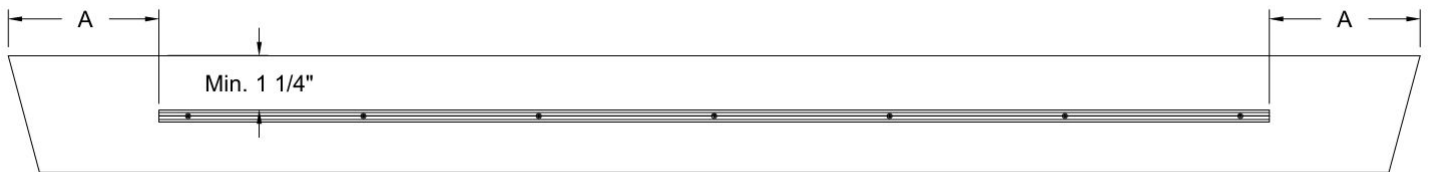
Prepare Fit Track

If adding to an existing structure, the track comes cut to length and pre-drilled for installation. If the track needs to be shortened, use a miter saw with a fine-tooth blade. After cutting, remove any burrs. If additional pilot holes are required, use a 3/16" drill bit followed by a 3/8" 82-degree countersink bit.



Install Fit Track

Position the track at least 1 1/4" below the top of the mounting surface to allow clearance for the WindLocks. For freestanding structures, maintain a consistent offset (dimension A) between the end of the rafters and the track.

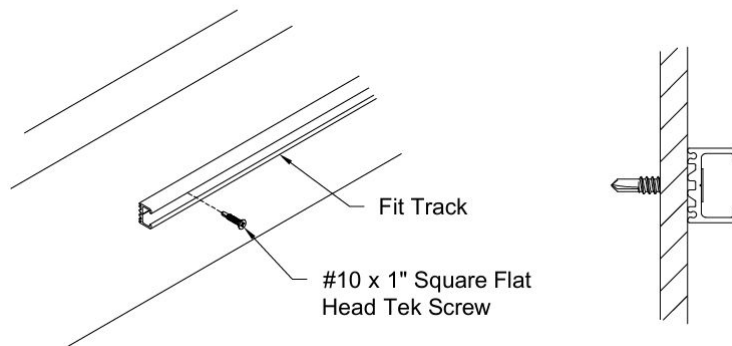


For wall-to-wall installations, ensure there is a minimum 2" gap on one side of the track to allow for canopy installation.



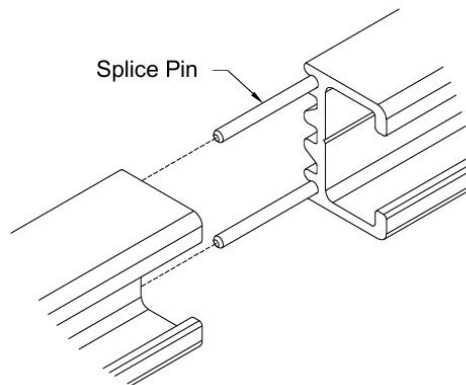
Install Fit Track (Continued)

Secure the track to the mounting surface using the provided screws, ensure it is level and that all screw heads are fully recessed to avoid obstructing the canopy rollers. If attaching the track to a wooden surface, the provided screws will vary from what's shown below.



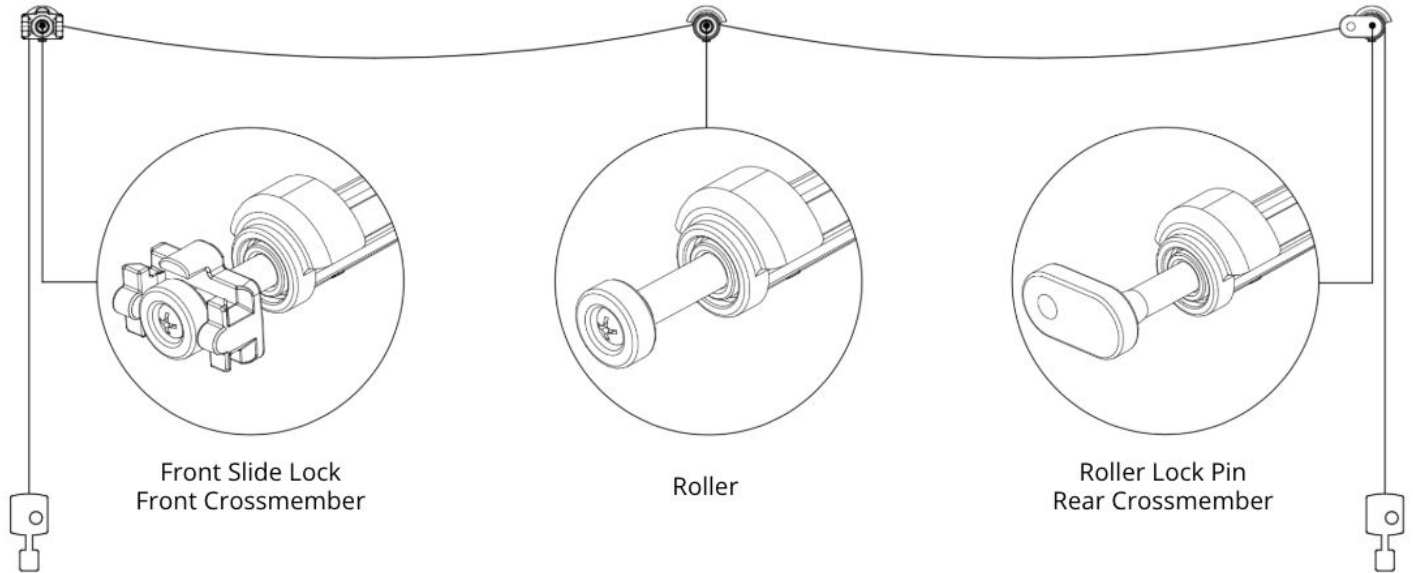
Splice Fit Track

If multiple sections of track are needed to reach the required length, begin by securing the first section to the mounting surface. Insert splice pins into the top and bottom channels on the back of the installed track. Then, slide the second section onto the splice pins, aligning it with the first section. Once aligned, secure the second track to the mounting surface.



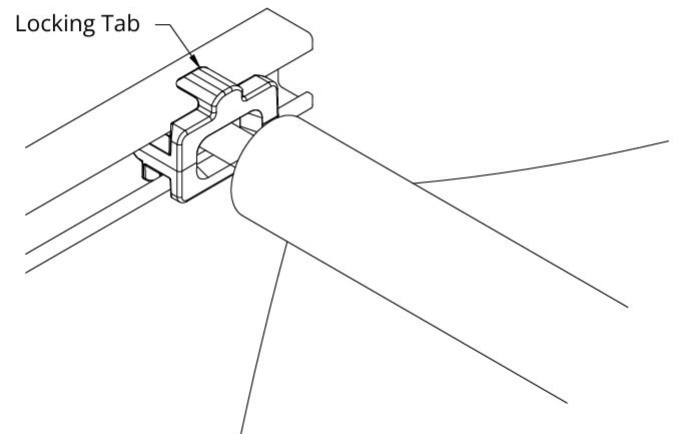
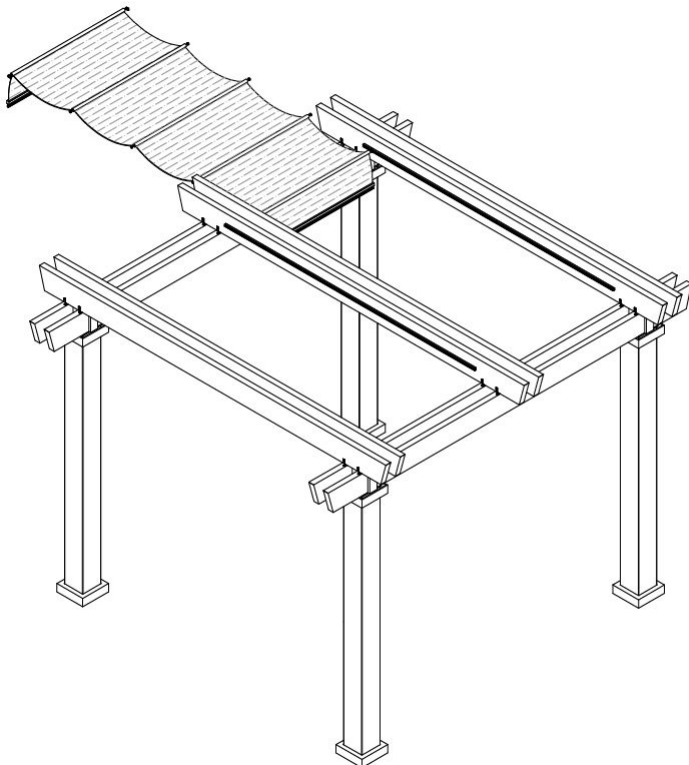
Install Canopy

Determine the correct orientation of the canopy by identifying the front slide lock and the roller lock pin. For attached configurations, the roller lock pin will be located on the wall side. For freestanding configurations, the roller lock pin will be located on the side where the fabric will collect when retracted. Additionally, ensure the PVC side of the crossmember faces upward and the aluminum side faces downward.



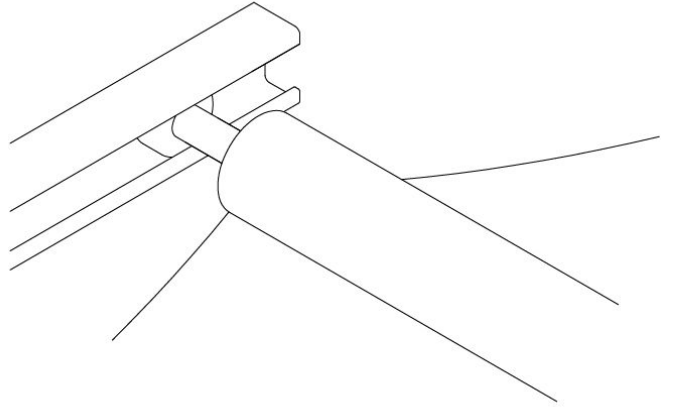
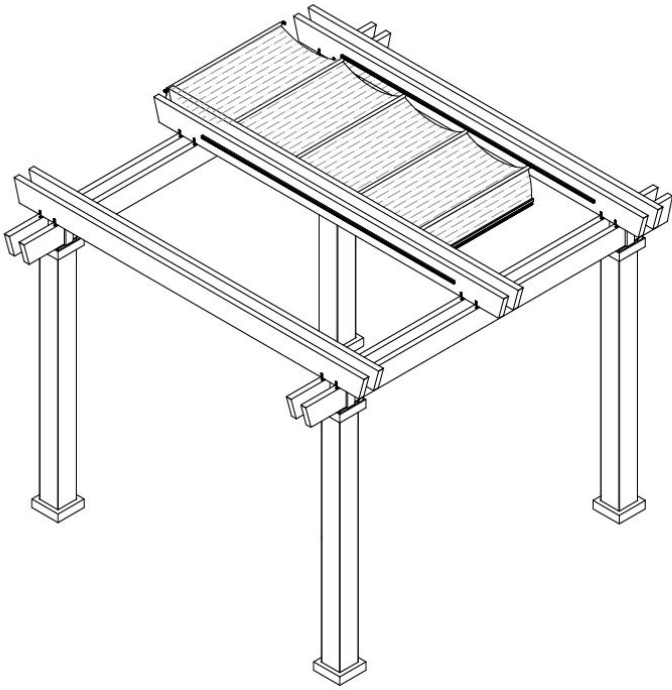
Install Front Slide Lock Crossmember

Begin installation at the rear of the structure with the crossmember containing the front slide lock. Insert the first crossmember into both tracks simultaneously with the locking tab facing upward.



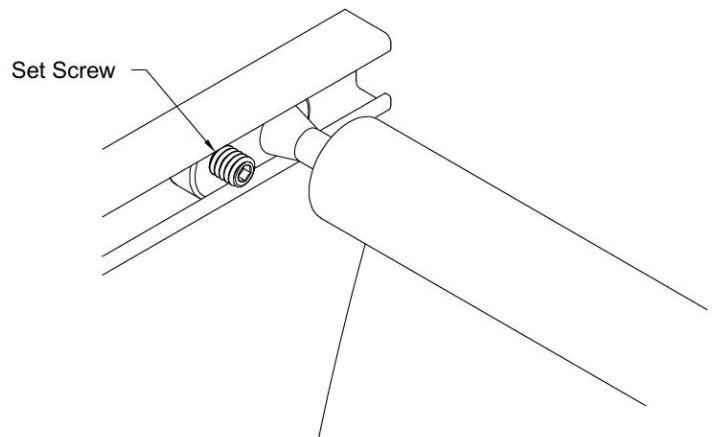
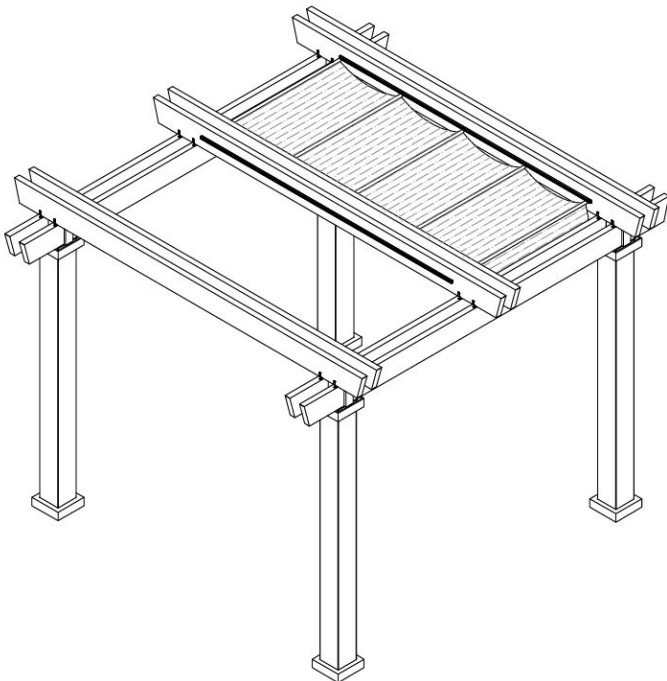
Install Mid Crossmembers

Next, install mid crossmembers into both tracks at the same time.



Install Roller Lock Pin Crossmember

Finally, install the last crossmember into the tracks. The roller lock pin should face towards the front of the canopy. Position this final crossmember at the desired stopping point for the canopy, measuring from a fixed reference point to ensure consistent placement across all canopies. Once positioned, tighten the roller lock pin set screw.

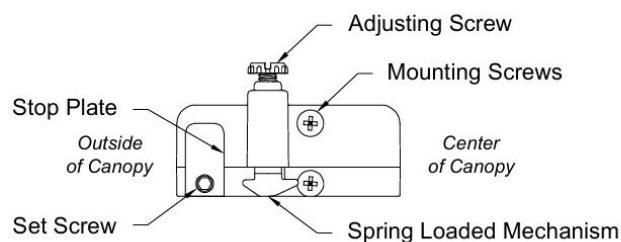
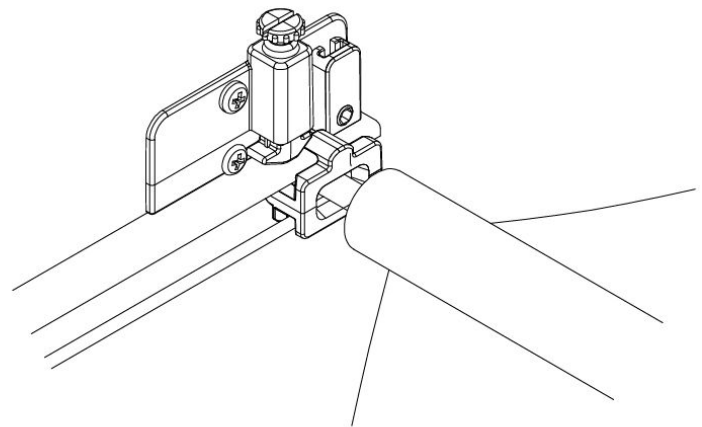
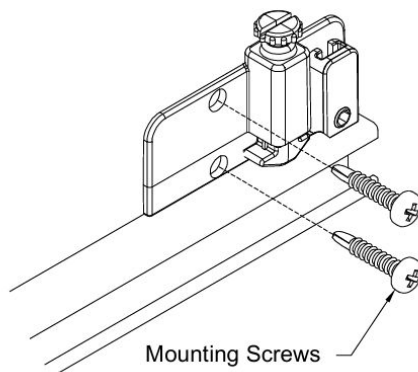
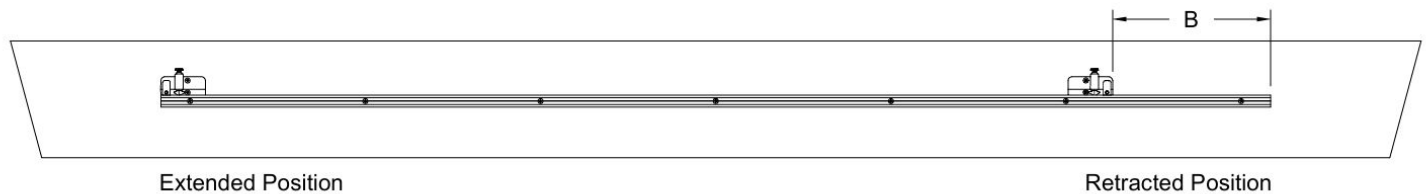


Install WindLocks

At the end of the track where the canopy is fully extended, install the correct WindLock, left or right, based on the canopy's orientation. Position the WindLock so the stop plate faces the outside of the structure and is flush with the end of the track. Secure using the provided mounting screws.

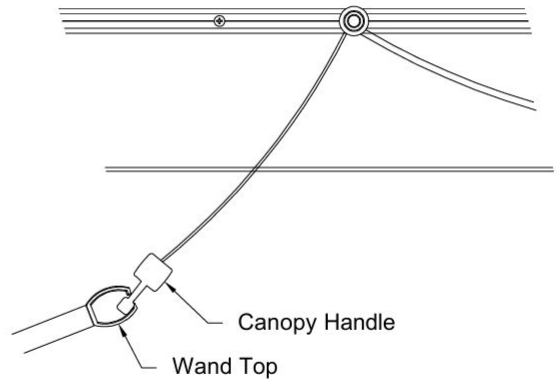
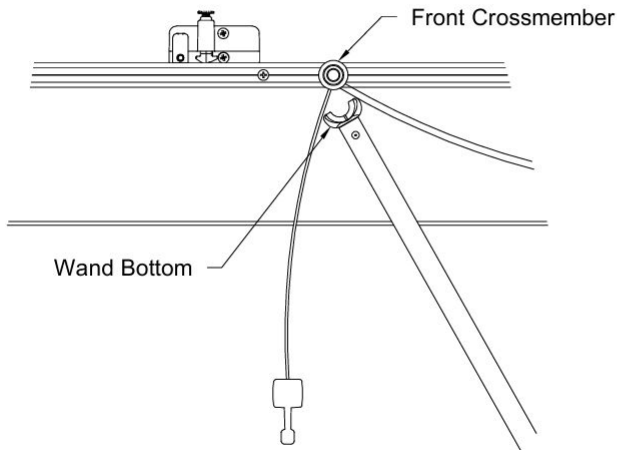
To locate the WindLock for the retracted canopy position, multiply the number of canopy crossmembers by 1 1/4". This distance (dimension B) is the length from the end of the Fit Track to the near edge of the WindLock.

Tighten or loosen the adjusting screw on the WindLock to set the desired spring tension. The WindLocks are designed to release the fabric during inclement weather. Avoid over tightening the adjusting screw.



Canopy Wand

To operate the canopy, use the canopy wand. To engage or disengage the front crossmember from the WindLocks, use the bottom of the wand to push the front crossmember. To extend or retract the canopy, use the top of the wand to pull the canopy handle.



Store using the wand mount and appropriate mounting screws based on the installation surface.

