

ShadeTree® Canopy Systems UNDER-BEAM Assembly Instructions

Using **ShadeTree® Aluminum Overhead Tracks**
attached to the **UNDERSIDE OF EXISTING BEAMS.**

The Forester



Dear Customer:

Thank you for purchasing our **ShadeTree® Canopy System**. We trust these assembly instructions will be satisfactory for your installation. If you have any questions, please feel free to call 1-800-894-3801.

And here's a special offer we'd like to make to you: Send us a photo of your new ShadeTree® installation and we will send you **\$50** if we use your photo in our advertising materials. Before and after pictures will receive an additional \$50. A deck or patio that is nicely furnished helps us communicate to prospective customers how nice a ShadeTree® patio can be.

We hope you enjoy your new ShadeTree® patio canopies.

Sincerely,

Colin LeVeque, President
ShadeTree Cool Living, LLC.

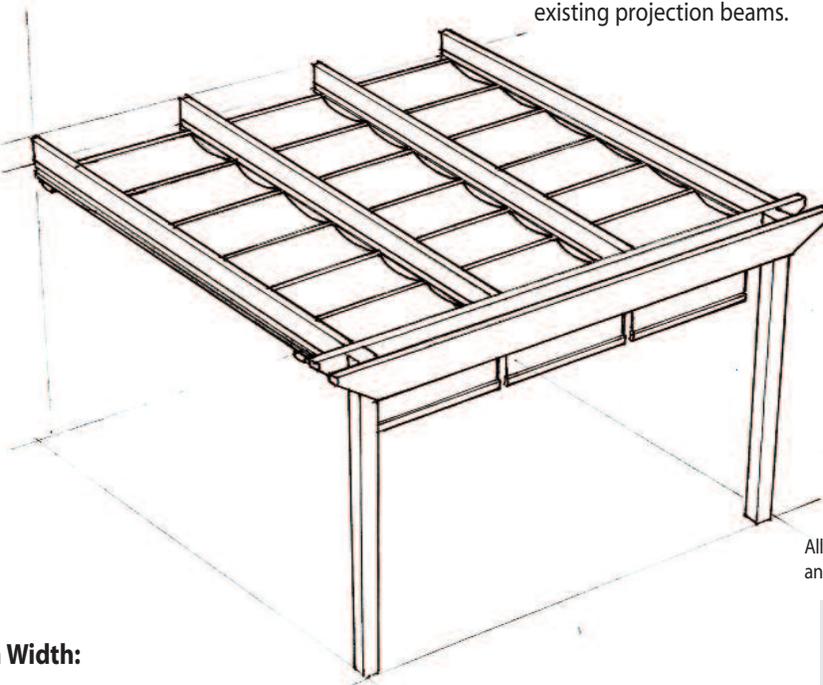




Canopies supported by a **wood** frame

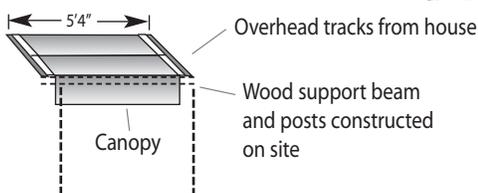
The Under-Beam Track was designed to fit EXISTING Patio Structures and Pergolas. The new track is fastened to the bottom of existing projection beams with screws, and it solves the problem of non-alignment with existing beams when standard double sided track is used.(Fig.A) It also solves the problem when there are no mounting points available on the header or the house. This often occurs when the projection beams are flush with the bottom of the header and additional wood would need to be added to a header to mount the standard mounting brackets for double sided track.(Fig.C)

In most cases custom-cutting of the fabric is necessary to match the width of the existing projection beams.

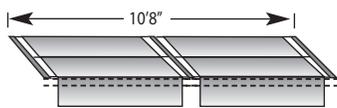


All systems are custom-made and shipped with the following kits and parts included. This chart is intended as a check-off list only.

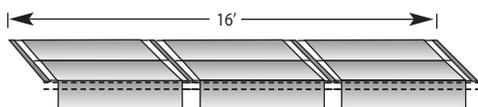
System Width:



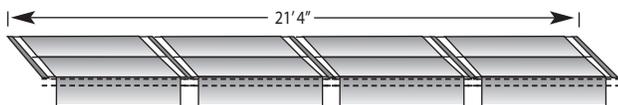
1 section
5'-4" or 4'-2-1/4" wide*



2 sections
10'-8" or 8'-4-1/2" wide*



3 sections
16' or 12'-6-3/4" wide*



4 sections
21'-4" or 16'-9" wide*

*on center of outside tracks.

Parts for
The Forester Canopy System
(using aluminum tracks)

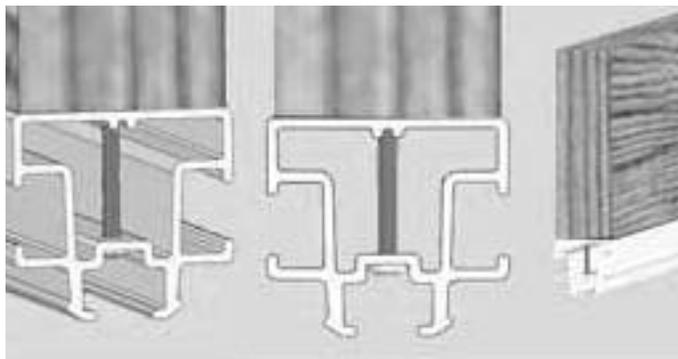
	Quantity
ShadeTree® Canopies	1
Tracks	2
ShadeTree® Canopies	2
TTracks	3
ShadeTree® Canopies	3
Tracks	4
ShadeTree® Canopies	4
Tracks	5

Step 1 Attach aluminum tracks to your beams

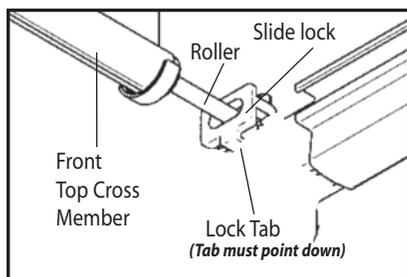
Drill holes through bottom of track into beams using a # 25 drill bit. Space the holes at approx. 16" increments.

Screw track to bottom of existing projection beams using the screws provided.

Installations on existing plastic or metal structures may require different fasteners.



Step 2 Installing the Canopies

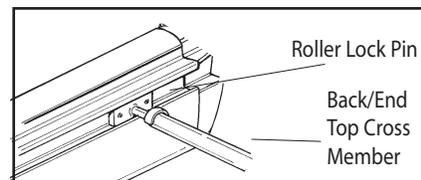


You can now insert the canopies, starting at the end of the tracks closest to the house. Insert the *Rollers* of the front *Cross Member* first. The front *Cross Member* is the one that

has a *Slide Lock* on the roller at each end. **When inserting, ensure the lock tab is pointing down as shown here.** Be sure the canopy is oriented so the *Fabric Clamp* is facing down as shown. Continue inserting the remaining *Rollers* until the entire canopy is up. Install the remaining canopies using the same procedure.

Step 3 Locking the End of the Canopy

Position the *Roller Lock Pin* in the track at the point where you want the canopy positioned. Once in place, it can be secured with the set screw. Repeat on each track. (On masonry houses, it is recommended to leave a few inches between the canopy and the house to prevent scuffing of the canvas during windy weather).



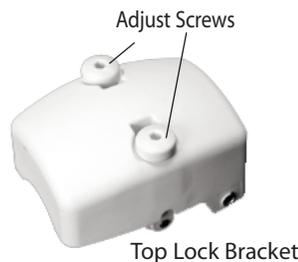
Step 4 Installing the Top Lock Brackets

Pull each canopy section out to the position where you want it to end. Place a *Top Lock Bracket* on the bottom of the track. Tighten the set screws with the Allen wrench provided (F) ... making sure the *Top Lock Brackets* are completely pushed onto the track before tightening.

Test the slide lock in the *Top Lock Bracket* and tighten or loosen the adjusting screws as required for the desired tension. Turn the adjust screw clockwise for greater tension; turn counter clockwise for less tension. Repeat this step for each *Top Lock*.

Pull each canopy back to the fully retracted position. Place another *Top Lock Bracket* on each track at this point to hold the canopies in retracted position. Tighten the set screws.

NOTE: The locking system is designed to release the canopies in high winds to protect the canopies. The adjusting screws can be used to adjust the tension. Do not over-tighten as this could increase the chance for canopy damage in high winds.



Note: Top Lock Bracket should face away from the house for the retracted position and to the house for the extended position.



Step 5 Adjusting Handle Height (optional)

Each canopy has the handle overhang approximately 18" from the tracks. This drop handle is for opening and closing the canopies, but it is also important for catching the wind to cause the wind-release mechanism to activate. Therefore, we encourage you NOT to shorten it. However, if you must have less than an 18" overhang, follow the instructions below for shortening the handle height.

1. Remove the screws in the handle and open the handle the entire width.
2. Cut the fabric to the desired length.
3. Carefully close the handle and re-insert the screws provided – do not overtighten.
4. Reinstall the top caps in the end of the handle.

Step 6 Shortening Track Length (optional)

If your application requires track lengths in a shorter increment than provided, then you can cut the track using a hacksaw or miter saw. Ensure that the cut is square.

If you have shortened the track length, you will also need to shorten the canopy length, see the step, Step 9.

Step 7 Shortening Canopy Length (optional)

Lay the canopy on a flat clean surface. The extra fabric length should be removed from the back end of the canopy. This is the end opposite the handle. Remove the *Roller Sleeve* assemblies at both ends of the back canopy *Cross Member*. To do this, first fully extend the *Roller*, then push down on the locking tab and pull *Roller Sleeve* outward (Fig. 2A).

Remove the *Fabric Clamp*. To do this, insert a flat head screw driver between the canopy fabric and the *Fabric Clamp*. Pry upward to release the *Fabric Clamp* (Fig. 2B).

From the back end of the canopy, measure the same distance that was taken off the track length. Make a mark at this distance on both outside edges of the fabric (Fig. 2C).

Place the *Bottom Cross Member* (aluminum) underneath the canopy, centering it on the two marks. Position the *Bottom Cross Member* so the punched square holes at the ends are facing downward. Holding the *Bottom Cross Member* in this position, reassemble the *Fabric Clamp* by snapping the *Fabric Clamp* in place at both ends and pressing down, working toward the center (Fig. 2D).

Insert the *Roller Sleeve* assemblies back into the *Bottom Cross Member*, ensuring that the locking tab engages the corresponding punched square hole in the *Bottom Cross Member* (Fig. 2E).

Measure the canopies to ensure the desired length is correct before trimming off excess canopy material. Remove the canopies and place on a flat, clean surface. To remove the excess canopy material, use the edge of the *Fabric Clamp* as a guide when cutting with a sharp utility knife (Fig. 2F).



Fig. 2A



Fig. 2B



Fig. 2C



Fig. 2D



Fig. 2E



Fig. 2F

Care and cleaning of your ShadeTree® Canopies

1. **ShadeTree® tracks** should be cleaned regularly to keep debris and dirt from accumulating and interfering with the rollers. Simply use a mild detergent with a small soft brush, such as a toothbrush, and gently wipe or brush along the inside of the tracks. To maintain a smoothly operating system, apply a paste car wax such as Kit™ or Turtlewax™ to the roller tracks. Allow the wax to dry then wipe off with a clean, soft cloth. **Note: Do NOT use oil or any wet lubricant, such as WD-40, on the tracks as it would attract more dirt.** For ultimate performance, use **ShadeTree® EasyRider Track Lubricant**.
2. **Fabric** should be cleaned regularly before substances such as dirt, roof particles, etc., are allowed to accumulate on and become embedded in the fabric. The fabric can be cleaned without being removed from the cross members. Simply brush off any loose dirt, roof particles, etc.; hose down and clean with a mild natural soap in lukewarm water (no more than 100° F.) Rinse thoroughly to remove soap. **DO NOT USE DETERGENTS!** For ultimate performance, use **ShadeTree® Canopy Cleaner Mold & Mildew Stain Remover**.
3. For stubborn stains soak the fabric for approximately 20 minutes in a solution of no more than 1/4 cup (2 oz.) natural soap per gallon of water at approximately 100° F. Rinse thoroughly in cold water to remove all of the soap. Note: Excessive soaking in bleach can deteriorate sewing threads. This method of cleaning may remove part of the water repellency and the fabric should receive an application of an air-curing water-repellent treatment, such as APCO, UNISEAL, SUNSEAL or similar products, if water repellency is a factor. For ultimate performance, use **ShadeTree® Canopy Cleaner Mold & Mildew Stain Remover** and **ShadeTree® Water Repellent**.
4. When washing or cleaning, **DO NOT SUBJECT TO EXCESSIVE HEAT** as the fabric will shrink. **DO NOT STEAM PRESS OR DRY IN ELECTRIC OR GAS DRYERS**, but allow to air dry.
5. In cases where canopies are taken down & stored, they should be cleaned and allowed to air dry, before being stored in a dry, well ventilated area.

How to remove ShadeTree® Canopies for end-of season storage:

1. Remove the **Top Lock Brackets** at the “retracted” end of each track (see step 9.)



2. Loosen the **Roller Pin Lock** which holds the last Cross Member in a fixed position (see step 8.)



3. Then simply roll the **Cross Members** out of the “retracted” end of the track. The tracks can remain up year-round.
4. **If a canopy is dirty** and requires washing before storage, simply spread the canopy on a driveway or other flat surface. Wash, using a broom and bucket of warm water and a mild soap, such as Ivory Snow.

Be sure to rinse well by hosing with a clear water. Allow to air-dry completely in the sun before rolling canopies up for storage. **(Do not store wet canopies!)**

Here's a chance to earn \$50!

We regularly use pictures in our advertising materials. If you send us reproducible pictures of your new ShadeTree® canopy installation, and we use them in any of our advertising, we will send you \$50. Interesting before-and-after pictures will receive an additional \$50. Of course, attractive landscaping and patio furniture will be a factor in selecting pictures to be used. Architects, builders and installers will receive credit mentions in the advertising.