



INSTALLATION & COMPONENT PARTS MANUAL



WARNING: Please read and review all instructions carefully prior to installation. Failure to follow directions may lead to serious damage to the canopy and property, as well as injury to yourself. Damage that is caused to the product via a failure to properly follow installation directions is not covered by the original manufacturer's warranty. The manufacturer is not responsible for any bodily harm caused by a failure to properly follow the provided directions, or by the inappropriate use of tools (both those that are provided and those that are not). If at any point you require further assistance, please do not hesitate to contact us.

PARTS LIST FOR ONE (1) CANOPY SECTION

Support Structure Parts

4 x Eye Pad (A) / Hooks (B)

1 x Steel Wire Cable (C)

1 x Turnbuckle (D)

Canopy Parts (Item Quantities Vary Depending on Size Ordered)

Shade Panels (E)

Aluminum Profiles (F)

End Caps (2 Per Aluminum Profile) (G)

Profile Attachment Clips (2 Per Aluminum Profile + 1 Extra for First and Last Profiles) (H)

Limit Tape (I)

Allen Wrench (J)

Additional Tools Required (Not Provided)

Wire Cutter

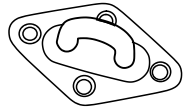
2 x Adjustable Wrench or Pliers

Drill

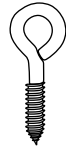
Phillips Screwdriver

You may require additional hardware or materials for non-wood structures and certain installations, none of which are supplied in the product's packaging.

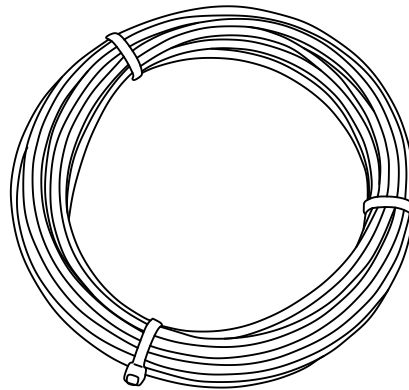
Support Structure Parts



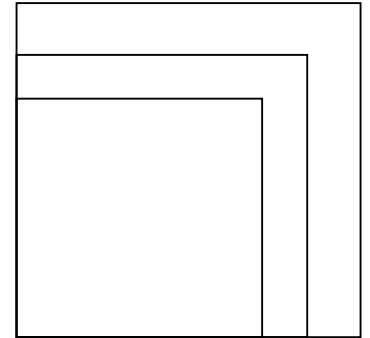
(A)



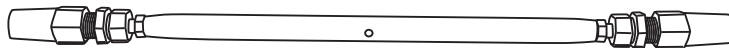
(B)



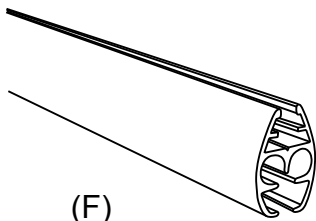
(C)



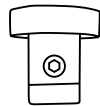
(E)



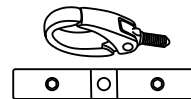
(D)



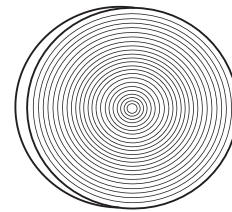
(F)



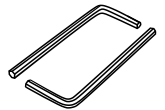
(G)



(H)

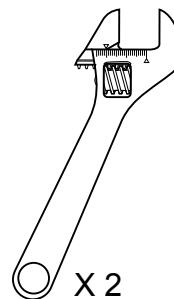
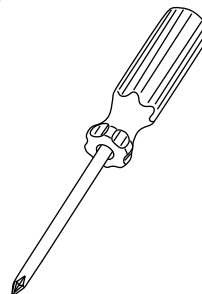
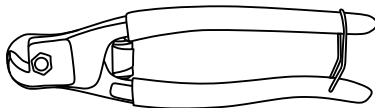


(I)

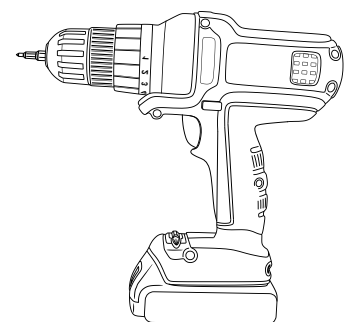


(J)

Additional Tools Required (Not Provided)



X 2



You may require additional hardware or materials for non-wood structures and certain installations, none of which are supplied in the product's packaging.



WARNING: There is a great deal of tension on the cable wires at all times, so it is imperative that you make sure that all structures are strong enough to provide the appropriate level of support. If you plan to attach your cable to a wall, make sure to install securely on structural studs using appropriate anchors. The manufacturer is not responsible for any damage caused by inappropriately installing the included materials, both to the Infinity Canopy and for any damage that may be caused to your person or property.

PART 1. Support Cable Installation

1. Hold one of the supplied profiles against the structure at the desired height then center and level it.
2. Mark the desired locations of the cable attachments on the structure and profile. Make sure that they are within 1 to 18 inches from either end of the profile.
3. Use the marked profile to find and note the location of the cable attachment points on the opposing wall. Make sure that all points are both at the same level and parallel (Fig.1).
4. Install the Eye Pad/Screw, to the marked areas of your structure.
5. Insert one end of the cable into the eye pads/screws (Fig.2).
Run it through all eyes, making sure that both ends come together near the structure (Fig.3).

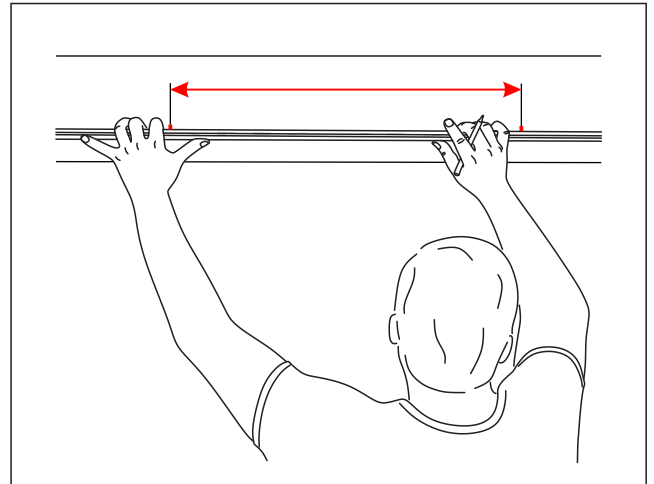


Fig. 1

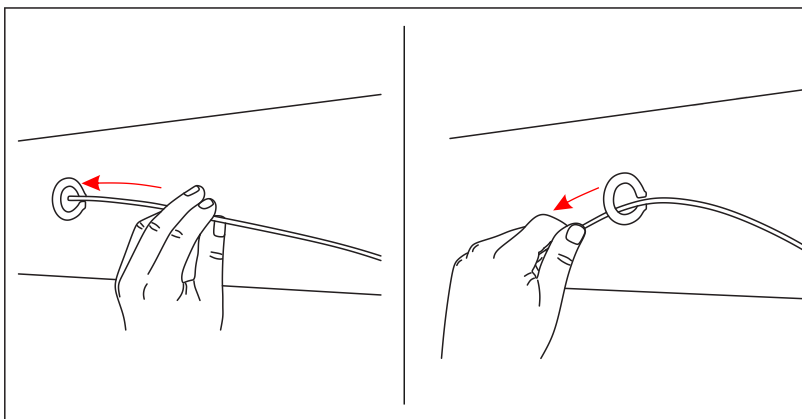


Fig. 2

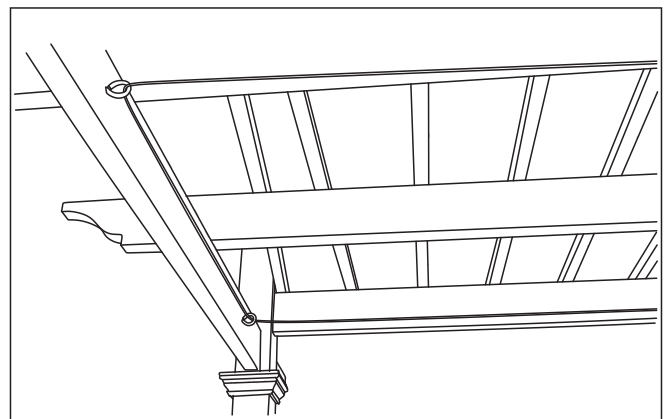
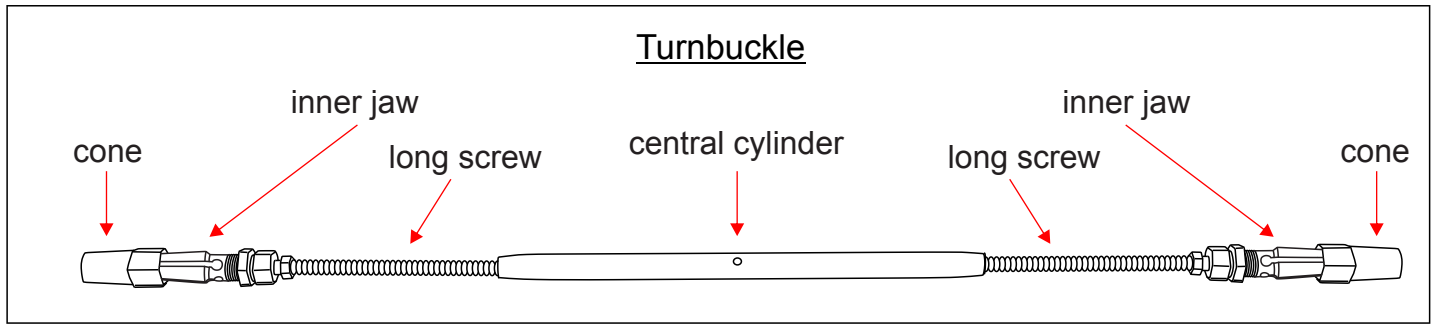


Fig. 3



6. Attach the cable to the turnbuckle

- Open the turnbuckle's long screws without completely removing them (Fig.4).
- Open the cones on each end and remove the inner jaws (Fig.5).

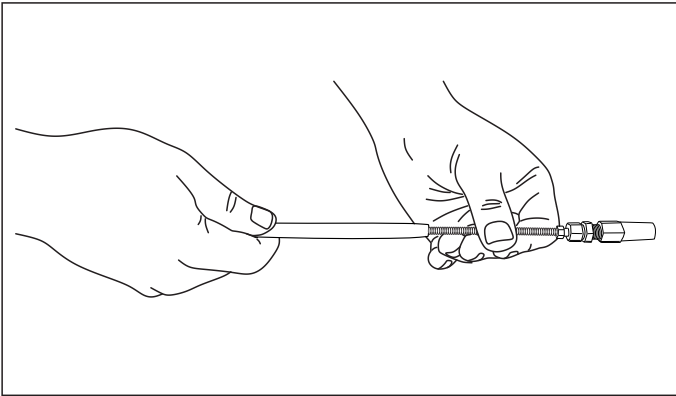


Fig. 4

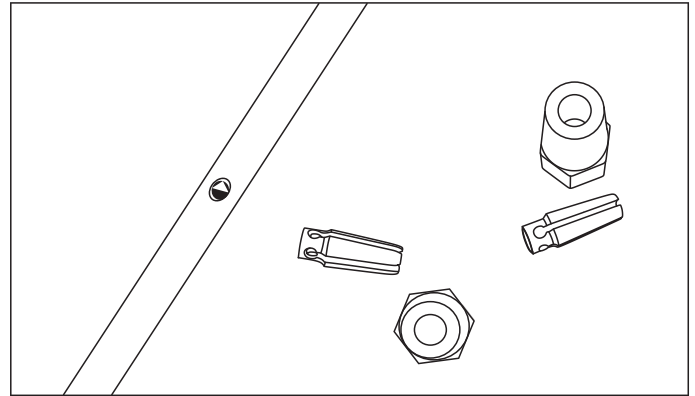


Fig. 5

- Insert a cone onto one end of the cable (Fig.6).
- Open the jaw and insert one end of the cable into the jaw. The cable has to come out of the circular end of the jaw about 3/16ths of an inch (or 5mm) (Fig.7).

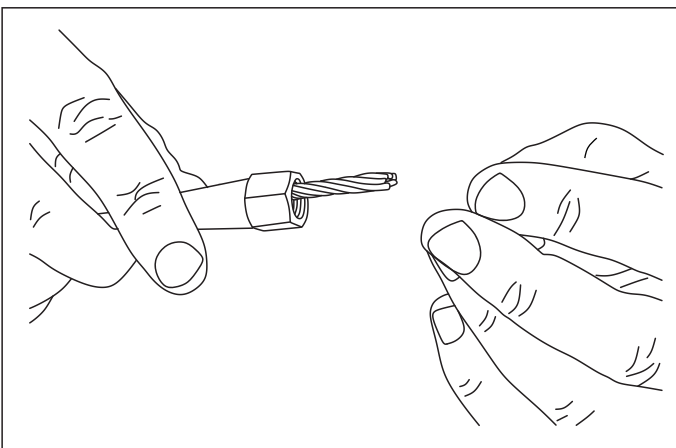


Fig. 6

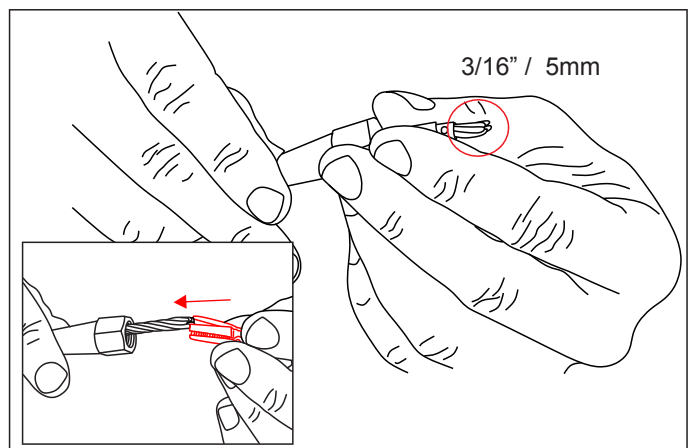


Fig. 7

- Push the cone over the jaw and screw it to the long screw. Tighten it firmly using two wrenches (Fig.A-B-C).

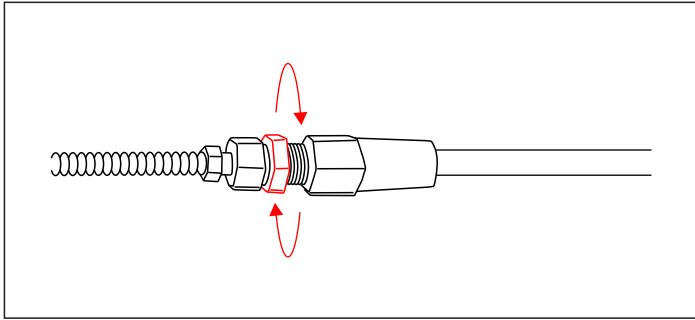


Fig. A

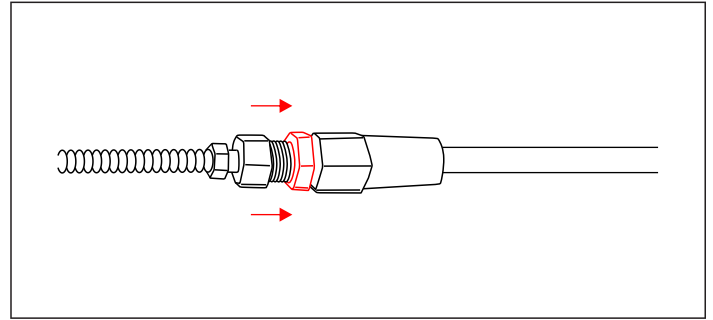


Fig. B

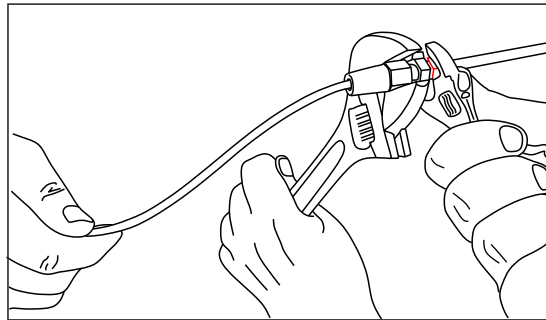


Fig. C

- Hold the turnbuckle and bring the free end of the cable and the turnbuckle together tightly (Fig.8).
If the cable is too long cut the excess cable by marking the desired cut location, plus one inch(Fig.9-10).
- Connect the opposite side of the cable to the turnbuckle by first removing the long screw.
Connect the cable to the long screw as previously described.



Note: Do not forget to insert the cone before installing the jaw.

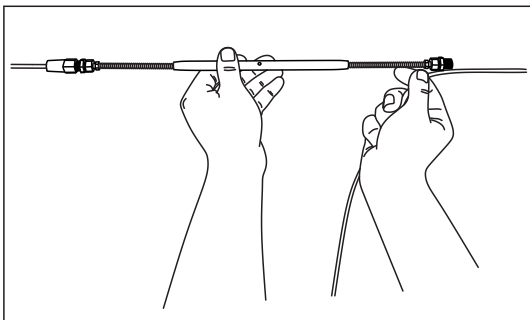


Fig. 8

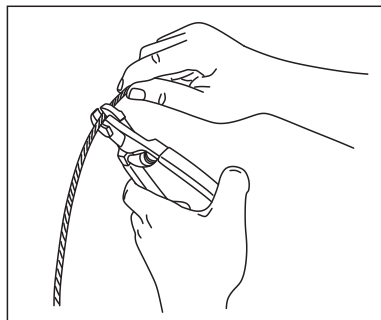


Fig. 9

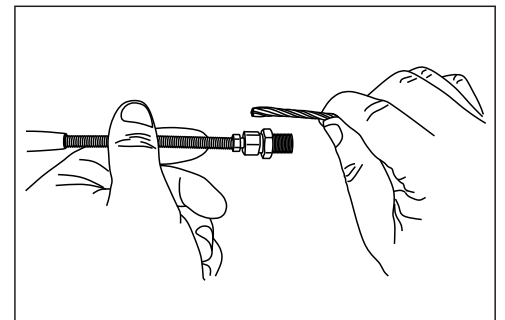


Fig. 10

7. Connect the long screw to the central cylinder with a few turns. The turnbuckle should be fully extended with the long screws open equally (Fig.11).

8. Hold the long screw ends with two wrenches to prevent them from turning (Fig.12).

9. Insert a short pin into the central cylinder and turn it to tighten the turnbuckle and remove the lag from the cable (Fig.13).



WARNING: Do not attempt to close the turnbuckle by tightening the long screws. It can result in closing the turnbuckle unevenly, which will cause the cable to unwind. Infinity is not responsible for any damage caused to either the canopy, any included materials or injury to yourself through a failure to follow directions. The turnbuckle can contract seven full inches from the fully open position to remove most sag, at which point you can tighten the cable. If after fully tightening the turnbuckle the cable is not tight enough, you can open the cones and shorten the cable. For longer installations, an additional turnbuckle can be installed on the opposite side. Additionally, multiple cables can be installed to provide additional support for the canopy.

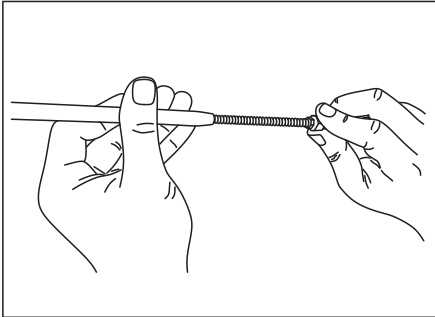


Fig. 11

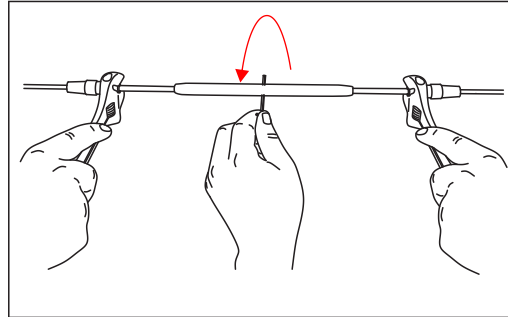


Fig. 12

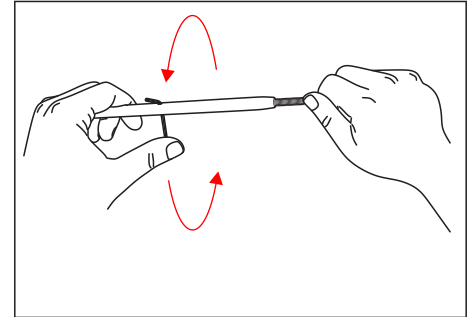


Fig. 13

- Tighten the small nut after the cone to lock (Fig.13).

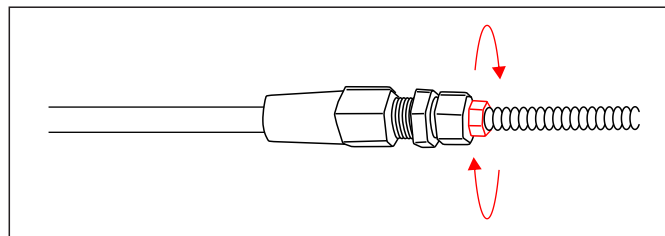


Fig. 13

PART 2: Canopy Frame Assembly and Installation

1. Confirm your measurements by holding the profile that you marked earlier against the cables and structure. Center it and mark the contact points with the cable a second time (Fig.14).
2. Place the profiles back to back with the triangular channel on the top. Align the ends with a straight edge.
3. With a straight edge mark the location of the cable on to the remaining profiles (Fig.15).

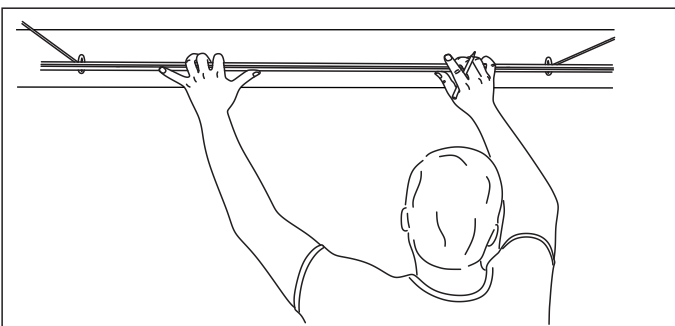


Fig. 14

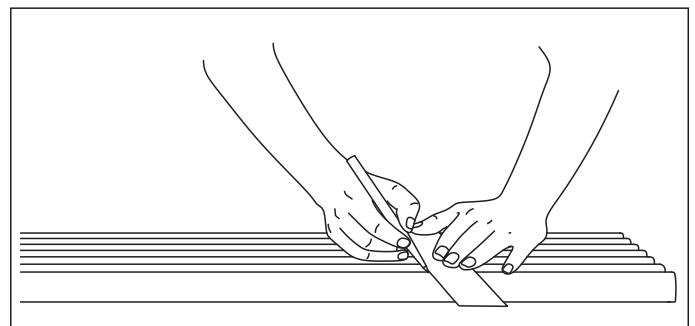


Fig. 15

4. The cable connectors are comprised of two parts - the base that slides into the upper channel of the profile and the clip, which screws onto the base. Insert three bases for the first and last profile and two bases for the remaining profiles (Fig.16).
5. Align the middle hole of the bases with the markings made on the profile and tighten the side screws to secure the base inside the profile. Don't secure the third base in the middle of the first and last profile (Fig.17).

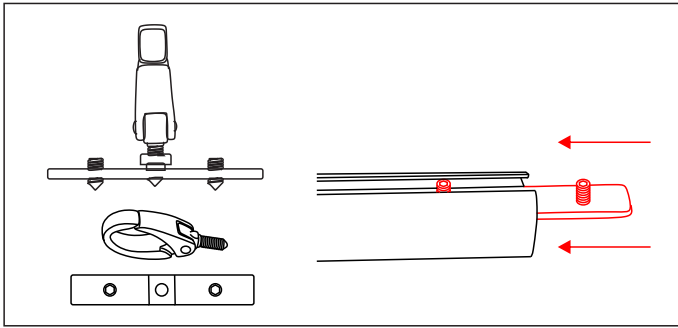


Fig. 16

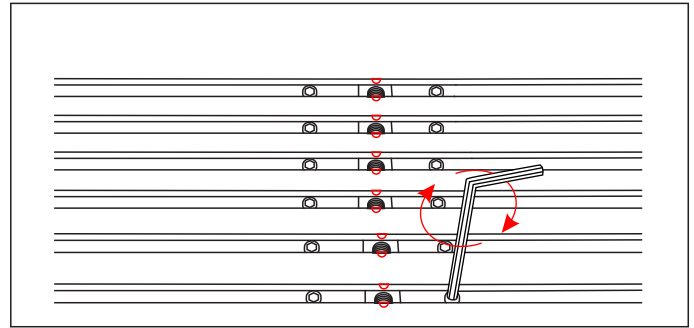


Fig. 17

6. Install the clips and control tape.



Note: The use of control tape is optional but using it will improve the canopy's look and uniformity. You can also use it to set the bellowing or flatness of each panel independently.

- Measure the length of the installed cable and divide it by the number of panels. This is how far each panel should open to cover the length of the cable.

Example: Cable length 132"/6 (panels) = 22"

- Based on the above example mark the limit tape every 22". The dots in the control tape are approximately one inch apart so you can count 22 dots then fold the first marked length to measure and mark the rest of the tape (Fig.18).
- Use a sharp tool to puncture the marked locations on the control tape (Fig.19). Insert the clips into the tape and screw them onto the bases with the opening of each clip facing towards the near end of the profile (Fig.20).



Note: Make sure that the control tape is not twisted.

- Install the middle clips on the first and last profile. Do not tighten them so that the middle clip can move freely along the profile's length (Fig.20).

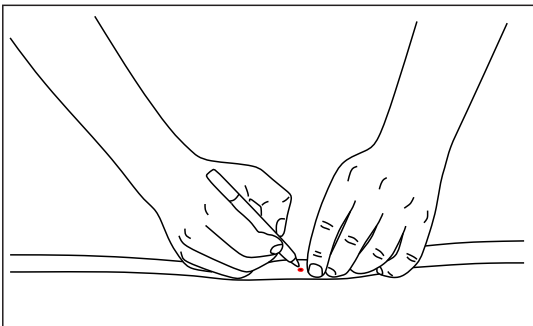


Fig. 18

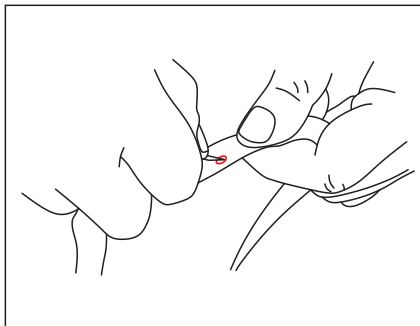


Fig. 19

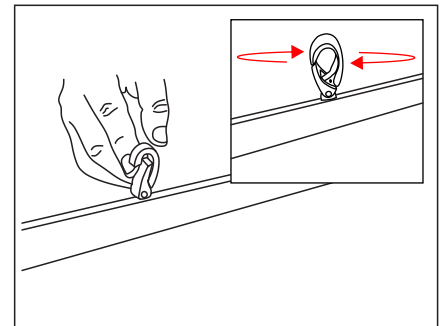


Fig. 20

7. Loosen the end cap's screw and insert one into each profile (one side only). Tighten the screw to secure the end caps in place (Fig.21).
8. Install the canopy frame by bringing each profile to the cable and pushing the clip's gate into the cable on each side. Make sure the open end of the profile is facing outside (Fig.22).

Part Three: Shade Panel Installation.



Note: You can remove the labels prior to installation. Please keep the labels as your proof of purchase and warrantee purposes.

- Bring the profiles together so the lower channels of the profiles are next together. (Fig.23). The outermost channel of the first and last profiles are used for the vertical panels (if ordered) and should not be used for installation of horizontal panels.

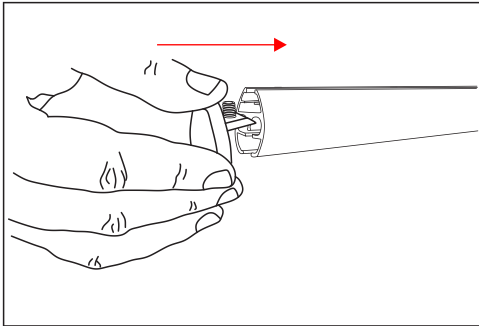


Fig. 21

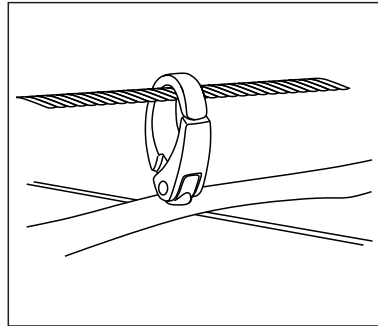


Fig. 22

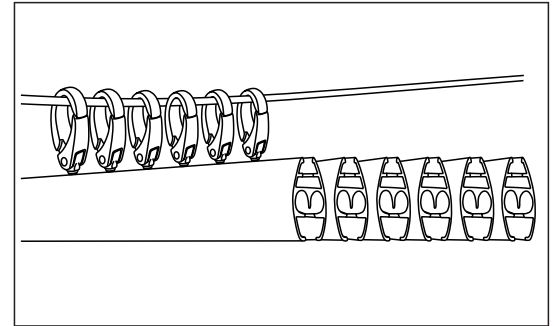


Fig. 23

- Start from either end. Skip the first circular channel and insert a shade panel by placing its rounded edges into the second circular channel of the first profile and the adjacent circular channel of the next profile. With both tips inserted in the channels pull the panel into the profiles (Fig.24).
- Install the remaining panels in the same manner making sure each panel is connected to two profile's adjacent channels.
- Insert the vertical panels if ordered to the first open channel of the first or last profile.
- Install the end caps once all panels are in place (Fig. 25).

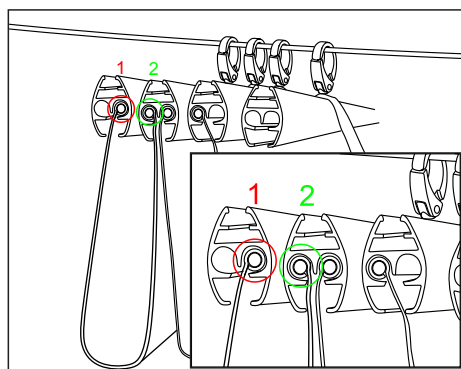


Fig. 24

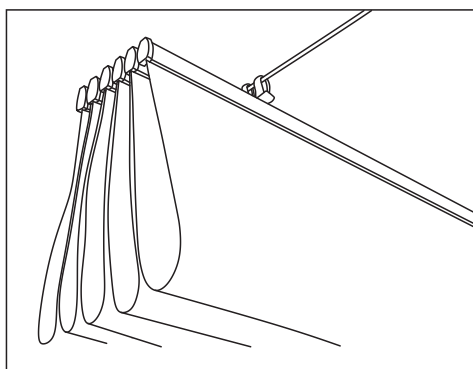


Fig. 25

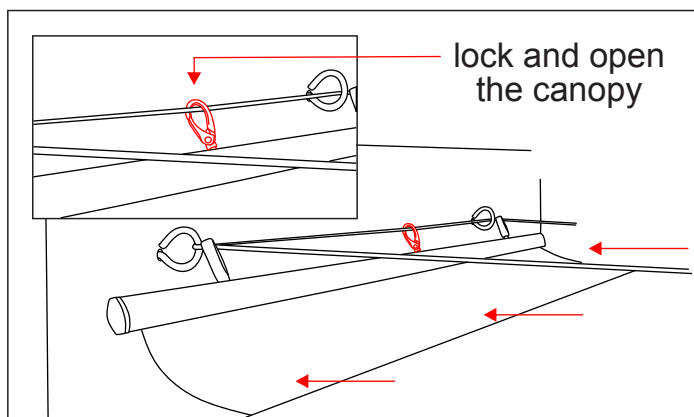


Fig. 26

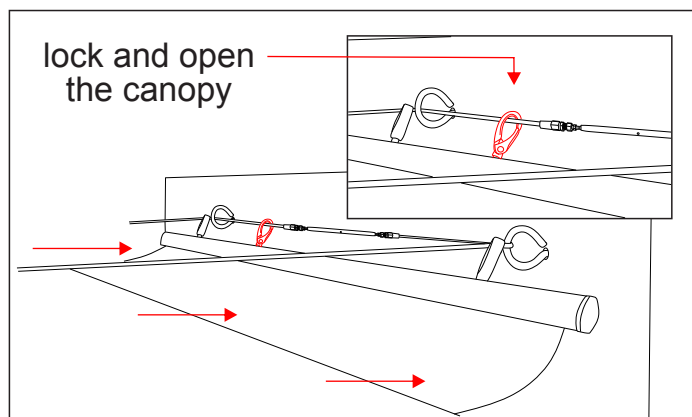


Fig. 27

- Move the installed canopy to each end and select the desired position for the middle clip so it can easily attach to the crossing cables on either side (Fig.26 - Fig. 27). Secure the clip in place by screwing it with the gate facing the crossing cable. You can now lock and open the canopy from either end.
- You can use the remaining control tape to make a pull handle on either end. Cut the tape to the desired length, fold it over and insert the middle clip's screw into the tape. Then screw the clip to the base. You can hide the handles on top of the canopy when not in use (Fig.28 - 29 - 30 - 31 - 32 - 33).

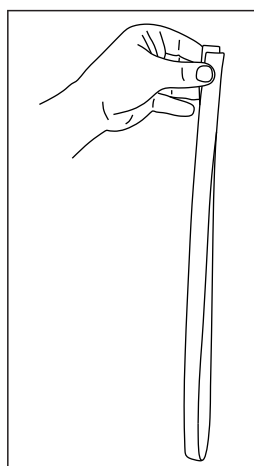


Fig. 28

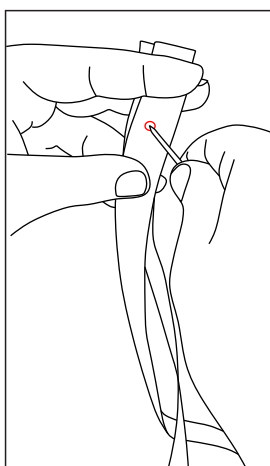


Fig. 29

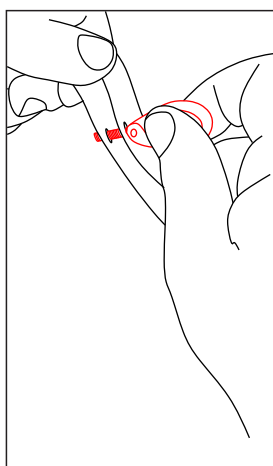


Fig. 30

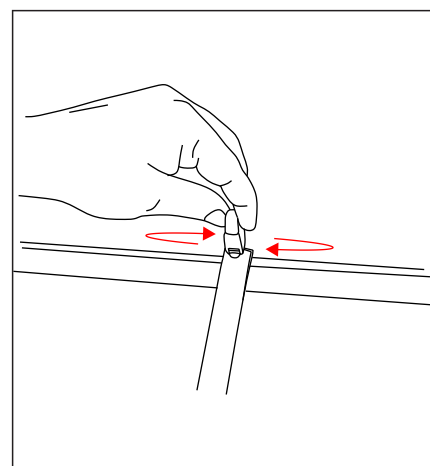


Fig. 31

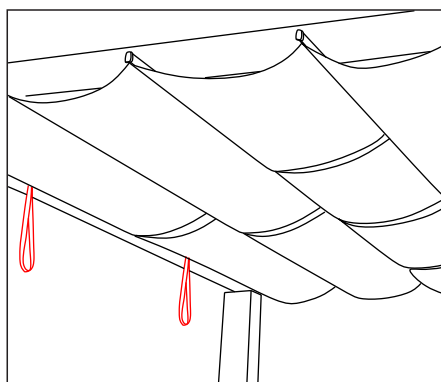


Fig. 32

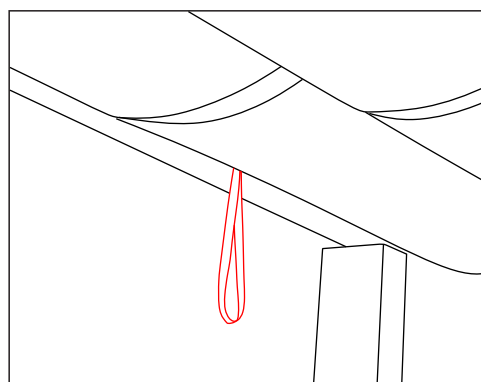


Fig. 33

Infinity Canopy Final Look

