

AWNINGS

Purpose

This document outlines the Solera® Slide Topper Fabric Replacement.

Safety

WARNING

Failure to follow the instructions provided in this manual may result in death, serious injury, unit damage or voiding of the component warranty.

WARNING

Always wear eye protection when performing service or maintenance to the unit. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the service.

WARNING

Always make sure that the slide-out room path is clear of people and objects before and during operation of the slide-out. Always keep away from the gear racks when the room is being operated.

WARNING

Do not work on your slide-out system unless the battery is disconnected. Failure to act in accordance with the following may result in death or serious personal injury.

CAUTION

The “CAUTION” symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Resources Required

- 2 to 3 people, depending on task
- 2 Ladders
- Tape measure
- Cordless or electric drill or screw gun
- Appropriate drive bits
- 2 Cotter pins
- Non-permanent marker

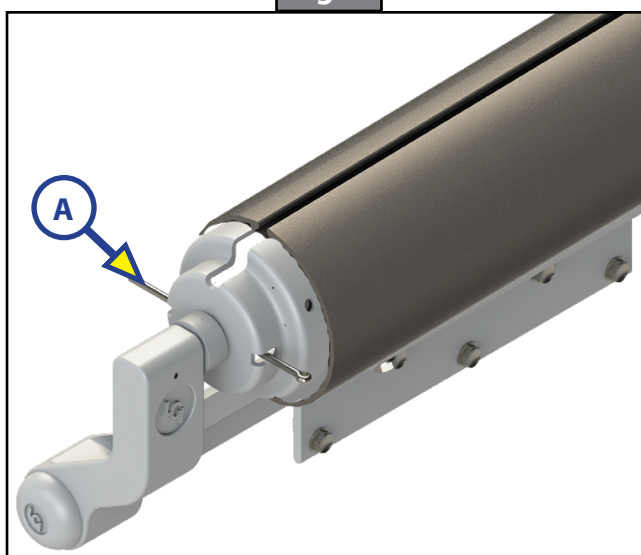
Preparation

Preparing to Remove the Roll Tube

1. If equipped, remove the drip cap from the end of the Solera® Slide Topper awning rail from which the fabric will be removed.
2. Extend the slide out approximately 6"-8".
3. Insert a cotter pin into the slot on each end of the roll tube (Fig.1A) so that the torsion springs do not unwind.

NOTE: Make sure fabric stays loose, which ensures the cotter pin was properly installed.

Fig. 1



4. Remove the screws that hold the fabric in place on the awning rail (Fig.2).
5. Remove the #3 Phillips head screws (Fig.3B) at each end of the Solera® Slider Awning that secure the spring head assembly torsion arm to the hex extension rod.
6. Remove the mushroom-shaped end cap (Fig.3A) from each side.

Fig. 2

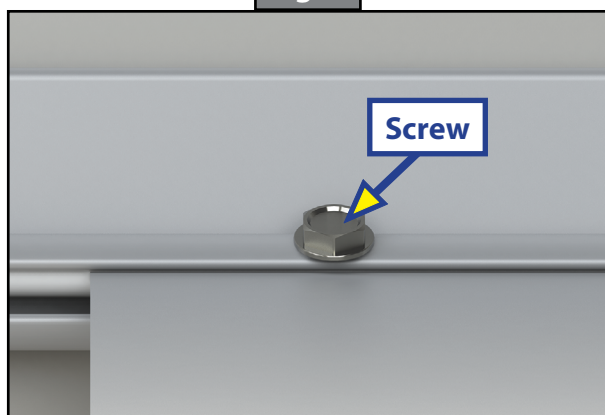
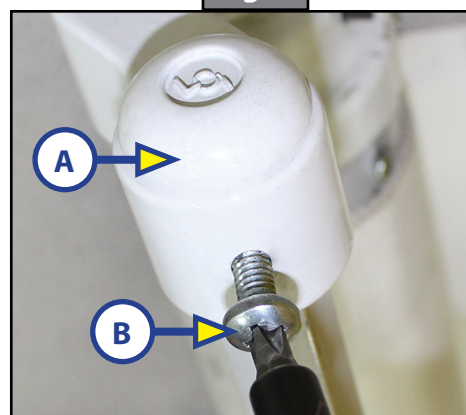


Fig. 3



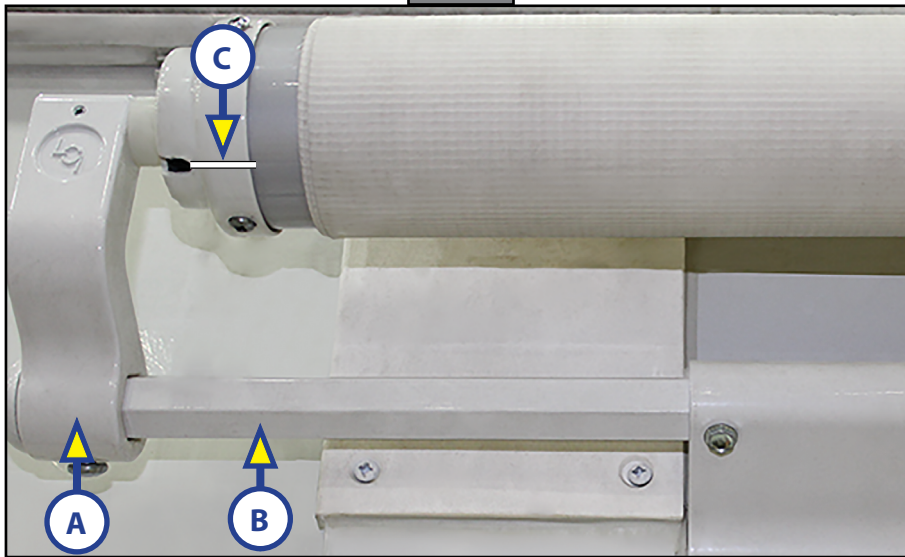
AWNINGS

⚠ CAUTION

Failure to maintain control of the roll tube and fabric may result in personal injury or property damage.

7. Working together with another person, each on a ladder, firmly grasp the roll tube and slide it to the left so that the spring head assembly torsion arm (Fig.4A) comes loose from the hex extension rod (Fig.4B). Repeat this action, this time sliding the roll tube to the right so that the other spring head assembly torsion arm comes loose from the hex extension rod.
8. Working with another person, slide the roll tube assembly off the unit.

Fig. 4



Roll Tube Tension Release

1. Mark the end caps and roll tube with a non-permanent marker so that they can be properly replaced (Fig.4C).
2. Working together with another person, one person firmly holding the roll tube and the other holding the spring head assembly torsion arm, remove the cotter pin.
3. Release tension by slowly turning the torsion arm bracket.
4. Repeat steps 2 and 3 for the opposite end.
5. Remove the end cap from the end of the roll tube from which the fabric will be removed.
6. Remove the screws holding the fabric polycords in place on the roll tube.
7. Unroll the fabric from the roll tube.
8. Slide the fabric off the end that has the end cap removed.

AWNINGS

Awning Fabric Replacement

CAUTION

Failure to support the roll tube, fabric and awning assembly during installation may result in personal injury or property damage.

Fabric Installation

Installing Fabric Into Roll Tube

1. Measure the old fabric from end to end. Use that measurement for the new, boxed Universal Slide Topper Fabric. Cut the new fabric to the same measurement using scissors and a straight edge. The old fabric can also be used as a template for the new fabric.
2. To protect the fabric from damage during installation, file any edges or burrs from the roll tube. To avoid damaging the new fabric, it is recommended to apply masking tape along the leading edge corners.
3. Thread the gray polycord into slot of roll tube, then slowly slide fabric along the length of the roll tube.
4. Center the fabric on the roll tube and secure it with previously removed screws.
5. With one person at each end of the roll tube, roll the fabric so that it rolls over the top of the roll tube.

NOTE: Be sure to roll the fabric up so that when reinstalled, the fabric is above the roll tube and not underneath.

6. Replace end cap on the roll tube, making sure to line-up marks made on the end cap and roll tube (Fig.4C).
7. With one person firmly holding the roll tube, the other person will turn the torsion arm clockwise 14 turns if on the left end of roll tube or counterclockwise if on the right end of roll tube, in order to increase the tension.
8. Replace the cotter pin into the end cap and shaft of the torsion arm assembly.
9. Repeat step 7 and step 8 on the opposite end of the roll tube, making sure that both torsion arm brackets are facing the same direction.

AWNINGS

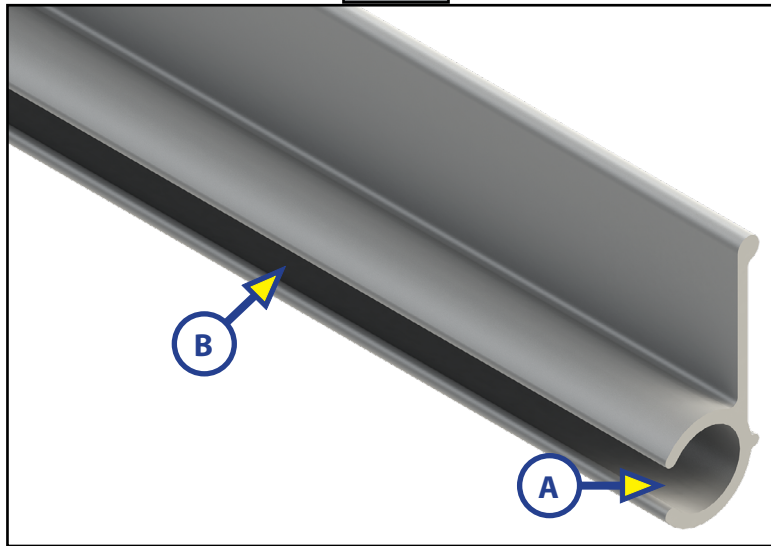
Installing Fabric Into Awning Rail

NOTE: During install, the slide room should be open a maximum of 6"- 8" inches.

NOTE: Do not unroll the fabric more than one full turn, otherwise tension may be lost in the roll tube spring.

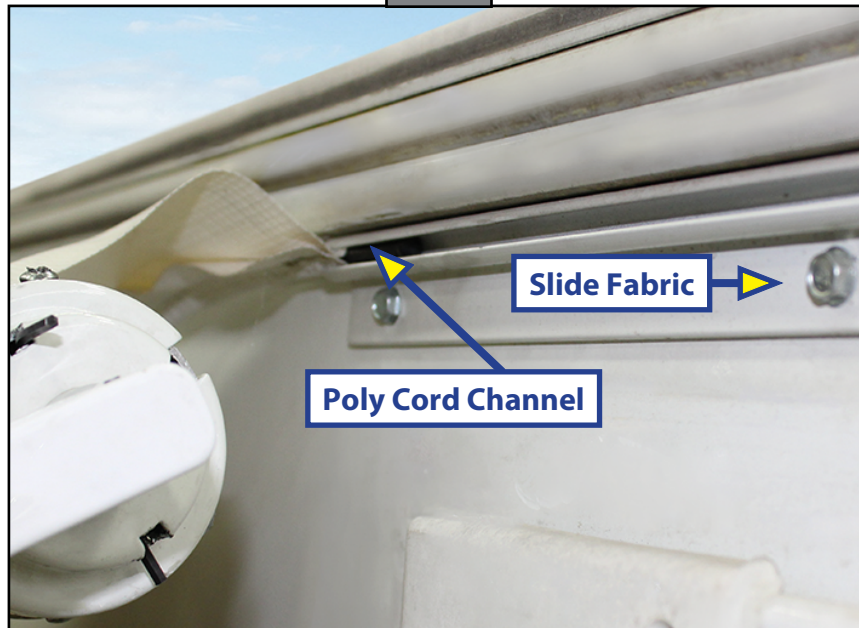
1. To protect the fabric from damage during installation, file any sharp edges or burrs from the awning rail.

Fig. 5



2. To prepare for fabric installation, use a screwdriver to spread open the awning rail on the installation end (Fig.5A).
3. Spray the inside of the awning rail channel with silicone lubricant (Fig.5B).

Fig. 6



AWNINGS

4. Using at least two people, feed the black polycord through the awning rail channel (Fig.6).
5. Slide one of the spring head assembly torsion arms onto the hex extension rod. By sliding the hex extension rod all the way into the spring head assembly torsion arm, the other spring head assembly torsion arm will slide onto the hex extension rod at the opposite end. Position the spring head assembly torsion arms on the hex extension rods at an angle away from the unit so that the roll tube will not be touching the slide room.
6. Replace the end caps (Fig.3A).
7. Secure both hex extension rods to the spring head assembly torsion arms using #3 Phillips head screws (Fig.3B).

⚠ WARNING

Release the roll tube slowly to avoid damage to the assembly and serious injury.

8. To relieve tension in the roll tube, grasp the roll tube, slightly turn to release tension off the cotter pins then remove the cotter pins.
9. If equipped, replace the drip cap from the end of the Solera Slider awning rail from which the fabric was removed.

Securing the Fabric

1. Extend and retract the room several times to ensure that the fabric is square on the roll tube and unit.
2. Secure the fabric in the awning rail no more than 1" inside the edge of the fabric on both ends using a #6 x 1/2" hex head screw. Install the screw down through the awning rail into the fabric and the polycord (Fig.7).

