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Solera® Slide Topper Awning Fabric Replacement

Installation and Owner's Manual

(For Aftermarket Applications)

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Solera Slide Topper Awning Fabric Replacement Kits

Part #	Description
432253	Fabric Assy - Slide Topper - 50 ft Black
432252	Fabric Assy - Slide Topper - 50 ft White



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Introduction

This document provides the steps to replace the fabric for a slide topper. Replacing the slide topper fabric is now simple and convenient with our Solera® Universal Slide Fabric dispensing box containing 50 feet of continuous, high quality vinyl. With its rotating core for easy roll out, the vinyl can be cut to the desired length without any fabric waste whatsoever and the polycord necessary for installation is conveniently pre-welded into the vinyl. Simply roll out the fabric, measure and cut to desired length, and install your new topper fabric to the slider.

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

MOVING PARTS CAN PINCH, CRUSH OR CUT. KEEP CLEAR AND USE CAUTION.

Resources Required

- 1-3 people, depending on task
- 2 step ladders
- Cordless or electric drill or screw gun
- Phillips head screwdriver
- Hex wrenches
- Scissors
- Straight edge or square
- Tape measure
- Non-permanent method of marking
- Metal file
- Masking tape
- Silicone lubricant

Materials Required

Part #	Description	Qty
432253	Fabric Assy - Slide Topper - 50 ft Black	1
432252	Fabric Assy - Slide Topper - 50 ft White	2

The material is provided in a 50' continuous roll which can be cut to size.

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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.

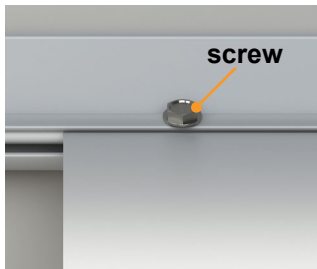


Fig.2

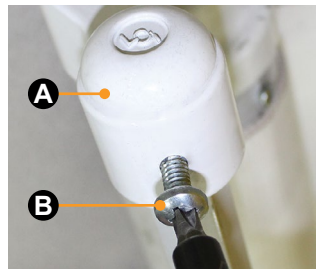


Fig.3

⚠ CAUTION

FAILURE TO MAINTAIN CONTROL OF THE ROLL TUBE AND FABRIC MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE.

6. Remove the mushroom-shaped end cap (**Fig.3A**) from each side.
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.

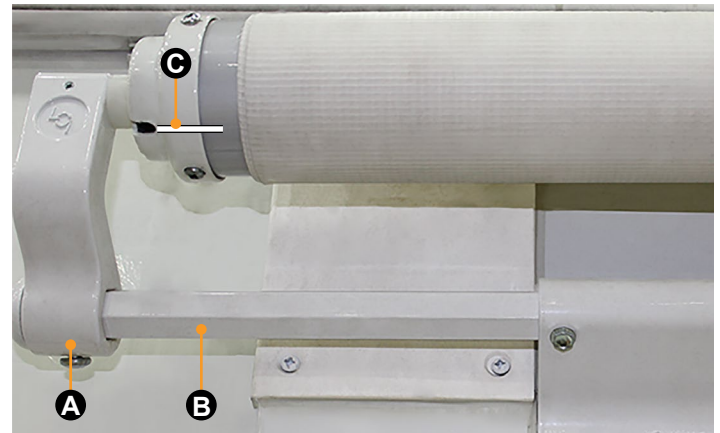


Fig.4

8. Working with another person, slide the roll tube assembly off the unit.



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Roll Tube Tension Release

1. Mark the end caps and roll tube with a non-permanent method of marking 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.

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.



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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.

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.

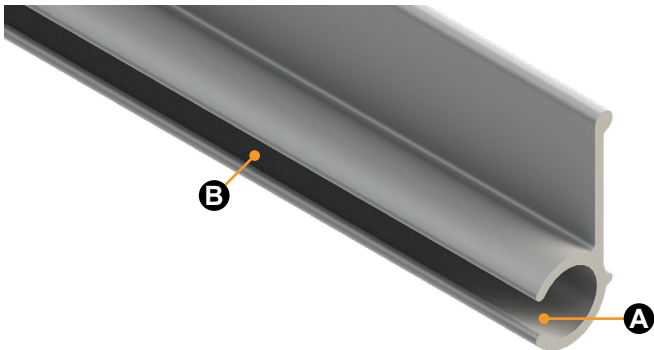


Fig.5

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**).

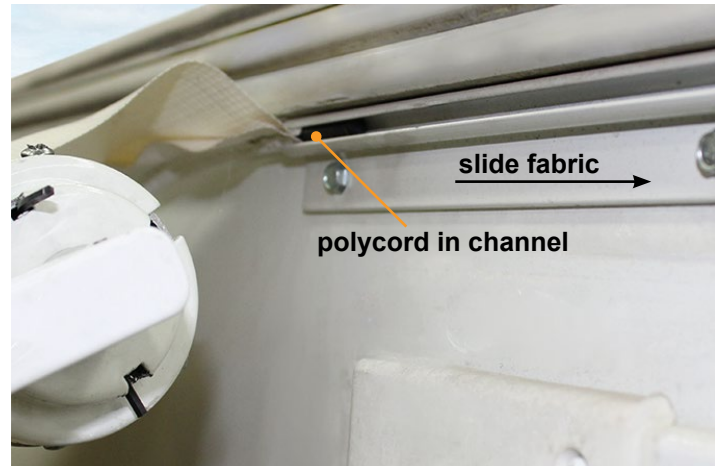


Fig.6

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.



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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**).

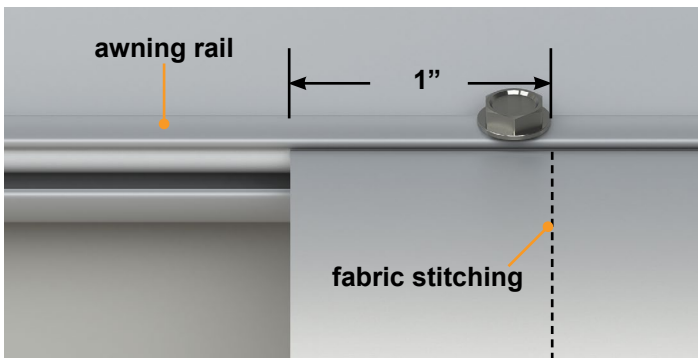


Fig.7

Maintenance

Fabric Care

If the awning is retracted while wet, extend the slide out and let it dry as soon as conditions allow before retracting. This will help prevent the formation of mildew and add greatly to the life of the awning. Mildew does not form on the fabric itself, but on the accumulated dust, dirt and grime.

NOTE: Periodically clean vinyl or woven acrylic fabric using a mixture of 1/4 cup of dish soap and five gallons of warm water. Liberally apply the mixture on the top of the fabric and retract the awning for five minutes. This will apply the mixture to the bottom of the fabric as well. Extend the awning and hose off with fresh water. Repeat if necessary. Allow to dry before retracting.



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Troubleshooting Table

What's Happening	What Should Be Done?
Fabric sags or is loose.	Check tension on springs.
	Make sure end caps are properly secured.
	Make sure the fabric is secured in the proper location of the unit or that the fabric is square on the unit to roll tube.
Fabric will not roll up.	Check tension on springs.
Fabric will not unroll.	Make sure the pins that lock tension for install have been removed from both ends of end caps.
Fabric appears to roll up at an angle.	Make sure fabric is centered on the roll tube.
	Make sure fabric is cut square.

Additional Information Sources

Additional information about this product can be obtained from www.lci1.com/support or by downloading the free myLCI app. The app is available on iTunes® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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