

Solera® 1000 Series Slide Topper with Access Plates

Installation and Owner's Manual

(For Aftermarket Applications)

The number of variances for the Solera Slide Topper is too extensive to list herein and beyond the scope of this document. Contact Lippert Customer Service at (432) 547-7378 or email: customerservice@lci1.com if there are any concerns in regards to the product purchased.

If the unit came with a pre-installed Solera® Slide Topper Access Plate **(Fig.1A or 2A)**, the access plates, part number 768004 (black) or 768005 (white) will not be needed for this installation. To review a list of prepped units, go to link https://support.lci1.com/solera-slider-awning.

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Fig.1



Fig.2

Solera® 1000 Series Slide Topper with Access Plates

Installation and Owner's Manual

(For Aftermarket Applications)

Introduction

The Solera® 1000 Series Slide Topper with Access Plates is a high-quality, cost-effective way to help keep slide-outs free of dirt, leaves and debris. The Solera® Slide Topper is permanently attached to the slide-out and retracts/extends with the room.

The Solera Slide Topper Access Plates are being utilized by specific OEMs for prepping the unit to make installing the Solera Slide Topper quicker and easier.

The Solera® 1000 Series Slide Topper with Access Plates comes complete with mounting hardware. If the unit came with a pre-installed Solera® Slide Topper Access Plate **(Fig.1A)**, the access plates, part number 768004 (black) or 768005 (white) will not be needed for this installation.

Additional information about this product can be obtained from lci1.com/support or by using the myLCI app. Replacement kits can be ordered from https://store.lci1.com/ or by using the myLCI app.

The myLCI app is available for free on iTunes® for iPhone® and iPad® and also on Google Play™ for Android™ users.

iTunes®, iPhone®, and iPad® are registered trademarks of Apple Inc.

Google Play™ and Android™ are trademarks of Google Inc.

Safety Information

Read and fully understand all instructions before installing or operating this product.

Adhere to all safety labels.

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.

⚠ WARNING

THE "WARNING" SYMBOL ABOVE IS A SIGN THAT A SAFETY RISK IS INVOLVED AND MAY CAUSE DEATH, SERIOUS PERSONAL INJURY AND/OR SEVERE PRODUCT OR PROPERTY DAMAGE IF NOT SAFELY ADHERED TO AND WITHIN THE PARAMETERS SET FORTH IN THIS MANUAL.

⚠ WARNING

FAILURE TO FOLLOW THE INSTRUCTIONS PROVIDED IN THIS MANUAL MAY RESULT IN DEATH, SERIOUS INJURY, UNIT DAMAGE OR VOIDING OF THE COMPONENT WARRANTY.

⚠ 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

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.

⚠ CAUTION

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

Resources Required

- 1-2 people, depending on task
- Cordless or electric drill or screw gun
- Appropriate drive bits
- Screwdriver
- ⅛" Hex key wrench
- Tape measure
- Silicone sealant or butyl tape
- Silicone lubricant

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Parts List

Solera Slide Topper - White			
Letter	**PN**	**Description**	**Qty**
A	272455	Drive Head (included with roll tube)	1
B	272454	Idler Head (included with roll tube)	1
C	2724561	Torsion Arm Cap	2
D	793617	Screw, #10 - 16 x 1 1/4"	10
E	3452071	Extension Rod	2
F	768008	Access Bracket	2
G	300247	Screw, #10 - 16 x 3/4", Hex Washer, Self Drilling	4
H	280648	Screw, 1/4" - 20 x 5/8" Slotted Pan Head, Self Tapping	2
I	382228	Roll Tube	1
J	675906	Screw, #8 - 18 x 1/2" Pan Head, Self Drilling (included with roll tube)	8
K	281079	Screw, #6 - 20 x 1/2" Hex Washer, Self Drilling	2
L	715216	Awning Rail	1
M	252593	Screw, #8 - 18 x 1" Square Pan Head, Self Drilling	26
N	786718	Set Screw, 1/4" - 20 x 1/2"	4
O	768005	Access Plate	2

Solera Slide Topper - Black			
Letter	**PN**	**Description**	**Qty**
A	285149	Drive Head (included with roll tube)	1
B	285148	Idler Head (included with roll tube)	1
C	2724562	Torsion Arm Cap	2
D	793616	Screw, #10 - 16 x 1 1/4"	10
E	3452072	Extension Rod	2
F	768007	Access Bracket	2
G	300247	Screw, #10 - 16 x 3/4", Hex Washer Head, Self Drilling	4
H	280648	Screw, 1/4" - 20 x 5/8" Slotted Pan Head, Self Tapping	2
I	676498	Roll Tube	1
J	276611	Screw, #8 - 18 x 1/2" Pan Head, Self Drilling (included with roll tube)	8
K	281079	Screw, #6 - 20 x 1/2" Hex Washer, Self Drilling	2
L	715217	Awning Rail	1
M	364290	Screw, #8 - 18 x 1" Square Pan Head, Self Drilling	26
N	786718	Set Screw, 1/4" - 20 x 1/2"	4
O	768004	Access Plate	2

NOTE: Part numbers are shown for identification purposes only. Not all parts are available for individual sale. All parts with a link to the Lippert Store can be purchased.



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Prior to Installation

The unit may be equipped with a removable, cosmetic access plate cover **(Fig.3A)** on the access plate **(Fig.3B)**. This cover snaps on and off and must be removed prior to installation of the access bracket.



Fig.3

Installation

All screws supporting the awning assembly **MUST** have a backer within the structure of the wall of the unit. Refer to unit manufacturer for proper location.

NOTE: The slide-out of the unit that the Solera Slide Topper is being installed on should not be opened more than 8".

Installing the Awning Rail

Awning rail included.

NOTE: Check the roof line to see if there is an awning rail pre-installed. If there is not, proceed to step one of this section. If there is, proceed to the next section of this manual.

1. Position the awning rail along the line where the roof and wall meet or a minimum of 3" to 6" maximum above the T-molding of the slide room the Solera® Slide Topper will cover. The awning rail must be level and parallel with the top of slide room T-molding of the unit.

NOTE: If mounting the Solera Slide Topper access plate on the T-molding, see "Installing Solera Slide Topper Access Plate" section **(Fig.9)**, the awning rail must be a minimum of 4 ½" to 7 ½" maximum above the T-molding of the slide room the Slide Topper will cover. The awning rail must be level and parallel with the top of slide room T-molding of the unit.

2. After determining the awning rail's proper location, mark its position with a non-permanent method of marking.

3. Apply sealant to the back of the awning rail **(Fig.4A).**

4. Align the awning rail on the wall and secure with #8 - 18 x 1" screws, using all fastener holes.

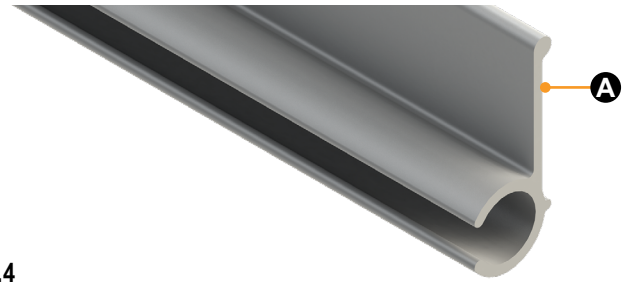


Fig.4

Assemble the Extension Rod and Cap

1. Slide the extension rod **(Fig.4A)** into the spring head assembly torsion arm **(Fig.4B)**, aligning the fastener locations **(Fig.4)**.

2. Slide the spring head assembly torsion arm end cap **(Fig.4C)** into the extension rod **(Fig.4A)**, aligning all three fastener locations **(Fig.4)**. Fasten using the provided ¼" - 20 x ⅝" slotted pan head, self-threading screw **(Fig.5)**.

3. Repeat steps 1 and 2 for the opposite end.

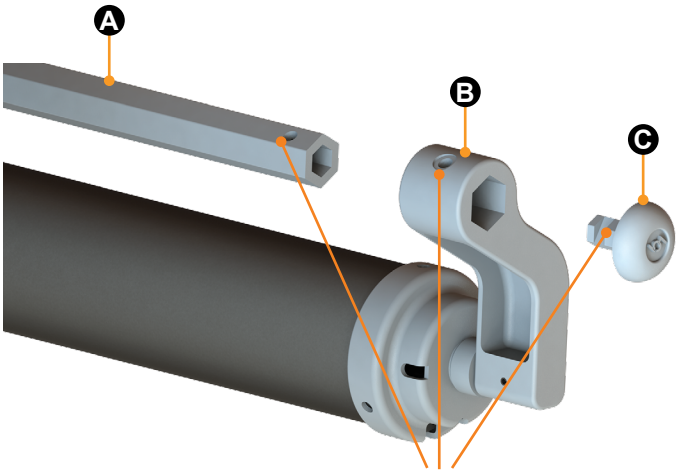


Fig.5

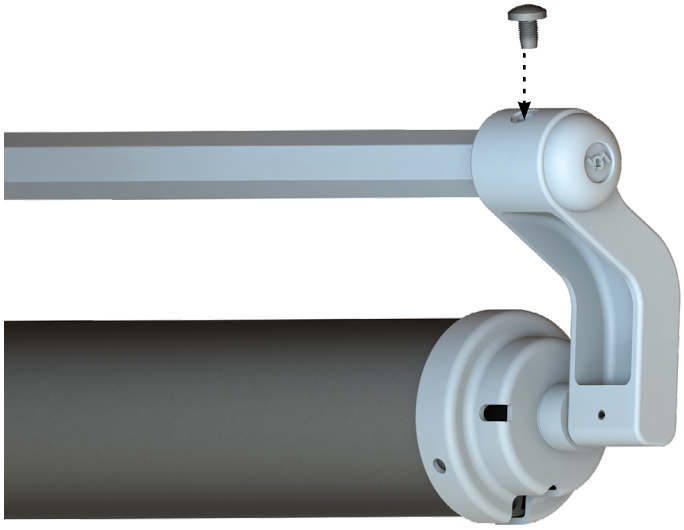


Fig.6

Installing the Solera Slide Topper Access Plate

NOTE: If the access plates are already pre-installed, part number 768004 (black) or 768005 (white) will not be needed for this installation. Proceed to Installing the Solera Slide Topper Access Bracket section.

NOTE: The access plate **(Fig. 7)** can be mounted with the flat edge **(Fig. 7A)** at the top or bottom, depending on which option allows for a more square installation on the unit.

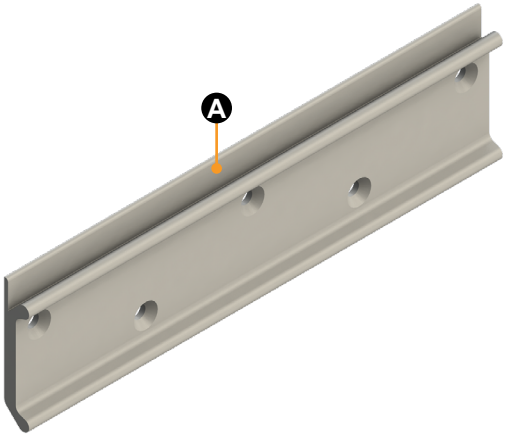


Fig.7

1. Install the access plate below the T-molding **(Fig.8)** or on the T-molding **(Fig.9)**.

A. If installing below the T-molding, start on one side of the front of the slide-out by placing one of the two access brackets **(Fig.8A)** against the bottom of the T-molding at the top corner of the slide-out **(Fig.8B)** as close to the corner as possible. Keep the mounting bracket parallel with the bottom edge of the T-molding.

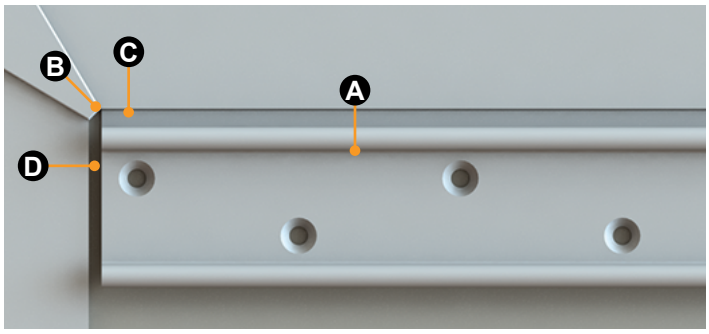


Fig.8

NOTE: There might be a slight gap between the T-molding side and the side of the mounting bracket **(Fig.8C)** if the corner does not have a 90 degree angle.

B. If installing on the T-molding, start on one side of the front of the slide-out by placing one of the two access brackets **(Fig.9A)** at the very bottom corner of the T-molding, **(Fig.9B)** as close to the outside of the T-molding as possible without going over the corner mold **(Fig.9C)**.

NOTE: Make sure the screws do not go over the roof line.

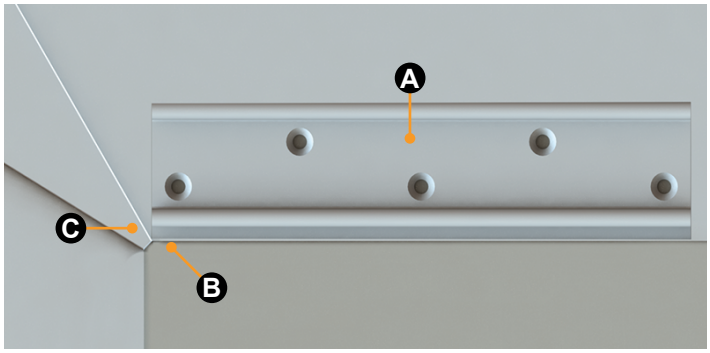


Fig.9

2. Fasten the mounting bracket to the slide-out exterior wall using the five provided #10 -16 x 1 ¼" recessed square head screws **(Fig.10)**.


Fig.10

⚠ CAUTION

FALLING SLIDE TOPPER ACCESS BRACKETS CAN CAUSE PERSONAL INJURY, PRODUCT AND/ OR PROPERTY DAMAGE. SLIDE TOPPER ACCESS BRACKETS ARE INSTALLED LOOSE ON THE ACCESS PLATE UNTIL FINAL INSTALLATION. MAKE SURE ACCESS BRACKETS ARE SECURE ENOUGH TO PREVENT FALLING FROM THE ACCESS PLATE.

Installing the Solera Slide Topper Access Bracket

NOTE: The Solera Slide Topper Access Bracket can be installed in two different positions. The lower position **(Fig.11A)**, first extrusion from the top of the access bracket, is used for regular clearance. The higher position **(Fig.12A)**, second extrusion from the top of the access bracket, is used if the slide topper requires extra clearance.

NOTE: If installing the slide topper access plate on the T-molding, see "Installing Solera Slide Topper Access Plate" section **(Fig.9)**, use the first extrusion from the top of the access bracket method **(Fig.11A)**.

1. Slide an access bracket onto an access plate at the appropriate position **(Fig.11 or Fig.12)** at both ends of the slide room.

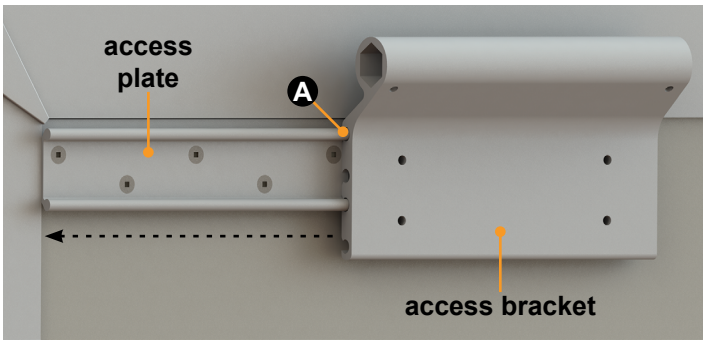


Fig.11

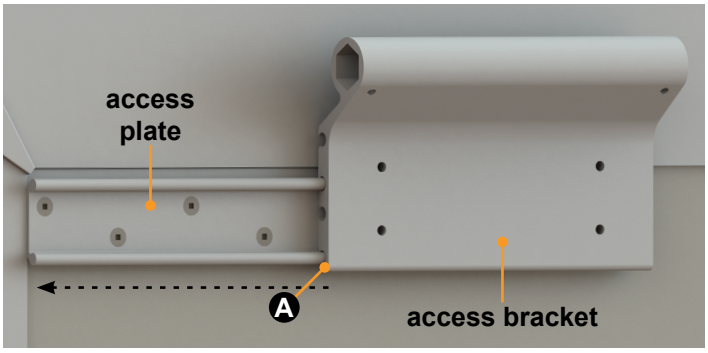


Fig.12

Installing the Solera Slide Topper Assembly

1. To prepare for fabric installation, use a screwdriver to spread open either end of the awning rail on the installation end **(Fig.13A).**

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

3. Spray the inside of the awning rail channel with silicone lubricant **(Fig.13B)**.

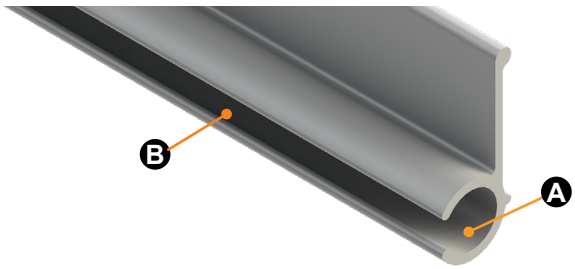


Fig.13

4. Remove packaging from the roll tube and unroll a small portion of fabric, no more than one turn.

⚠ CAUTION

UNROLLING THE FABRIC MORE THAN ONE TURN WILL CAUSE THE SLIDE TOPPER TO LOSE TENSION AND CREATE SLACK WHEN CLOSING THE SLIDE ROOM. MAKE SURE TO LEAVE THE SLIDE ROOM CLOSED OR NOT TO EXTEND MORE THAN 6".

5. Using at least two people, feed the polycord **(Fig.14A)** on the fabric through the awning rail channel **(Fig.14B).**

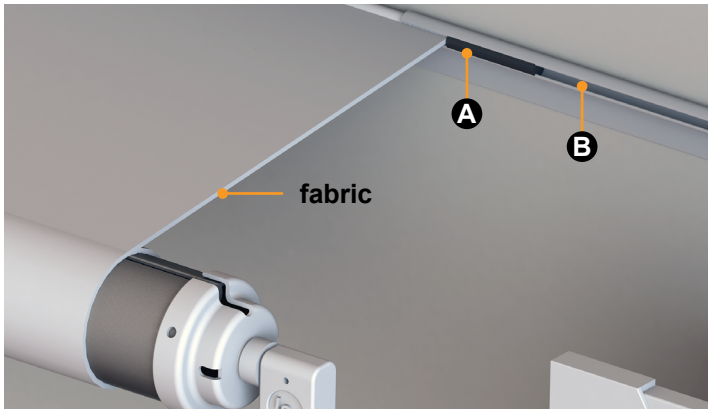


Fig.14

6. Feed one of the extension rods **(Fig.15A)** into an access bracket **(Fig.15B)**. By pulling the extension rod all the way into the access bracket, the opposite end extension rod can now slide into the access bracket at the opposite end.

NOTE: If needed, the access brackets can slide left or right to assist in getting both extension rods into the access brackets.

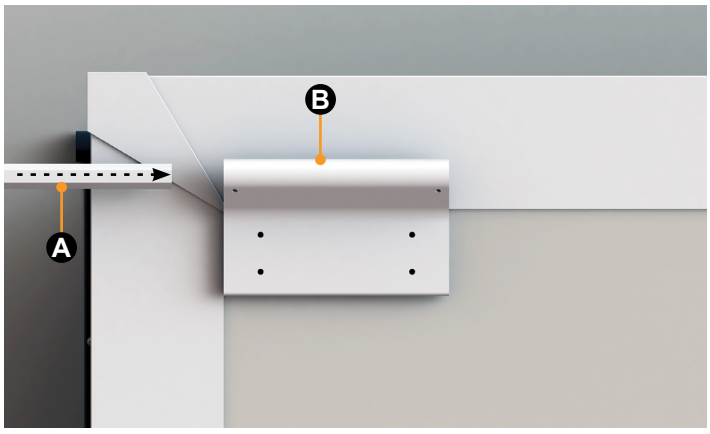


Fig.15

7. Position the extension rod so that the roll tube will not be touching the slide room.

NOTE: Make sure the access bracket **(Fig.12)** is flush with the access plate, attached above or below the T-molding of the slide-out.

8. Install the two provided ¼" - 20 x ½" set screws in the top two holes of the access bracket **(Fig.16)** if using the lower position **(Fig.11)**. Install two set screws in the lower two holes of the access bracket **(Fig.17)** if using the higher position **(Fig.12)**.



Fig.16



Fig.17

9. Center the Solera® Slide Topper over the slide room using a tape measure.

10. Fasten the extension rods **(Fig.18A)** to the access brackets **(Fig.18B)** by installing two of the provided #10 - 16 x ¾" self-drilling hex washer head screws **(Fig.18C)**.

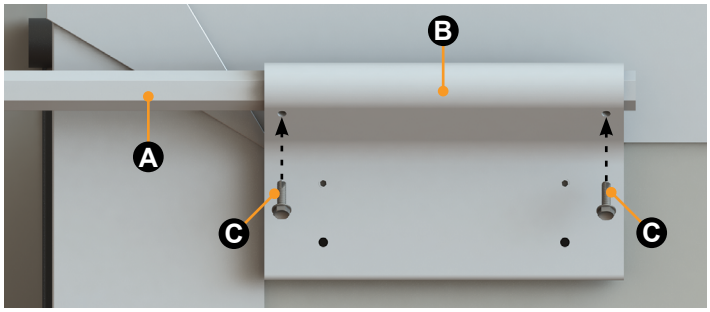


Fig.18

⚠WARNING

ROLL TUBE SPRINGS ARE UNDER TENSION. IMPROPERLY SECURED ROLL TUBE SPRINGS CAN CAUSE PERSONAL INJURY AND/OR PRODUCT DAMAGE. SLOWLY RELEASE SPRING TENSION TO AVOID PERSONAL INJURY AND/OR PRODUCT DAMAGE.

11. Firmly hold the roll tube, slightly turn back the roll-tube to relieve a little tension, then remove the spring clip to completely relieve the spring tension. Carefully release the roll tube and allow the roll tube to rest into position.

Securing the Fabric

Secure the fabric with to the awning rail using ONE of the two options listed below. In option 1 the screw will go through the fabric and polycord, while in option 2, the screw will only go through the awning rail.

NOTE: Before securing the fabric, extend and retract the room several times to ensure that the fabric is square on the roll tube.

Option 1

Secure the fabric **(Fig. 19A)** in the awning rail **(Fig. 19B)** no more than 1" inside the edge of the fabric on both ends using an OEM supplied #6 x ½" hex head screw **(Fig. 19C)**. Install the screw **(Fig. 19C)** down through the awning rail **(Fig. 19B)** into the fabric **(Fig. 19A)** and the polycord **(Fig. 19D)**.

Option 2

Secure the fabric **(Fig. 19A)** in the awning rail **(Fig. 19B)** no more than ¼" outside the edge of the fabric on both ends using an OEM supplied #6 x ½" hex head screw **(Fig. 19E)**. Install the screw **(Fig. 19E)** down through the awning rail **(Fig. 19B)**.

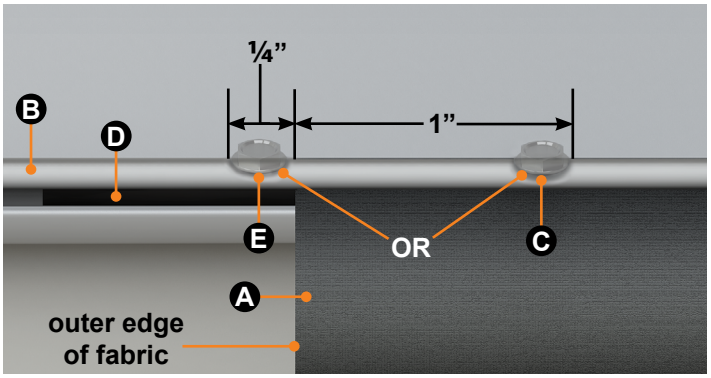


Fig.19

Installing the Support Cradle (For Slide Toppers 16' and Larger)

NOTE: For slide toppers measuring 16' and larger, a slide topper support cradle is required.

PN	Description
2021112872	Slide Topper Awning Roller Cradle - White
2021112871	Slide Topper Awning Roller Cradle - Black

There are two options for installing the support cradle based on where the access plates of the topper are installed. If the access plates are installed below the fascia, follow the steps in Option 1. If the access plates are installed on the fascia, follow the steps in Option 2.

Option 1

1. Make sure the slide is in the retracted position with the topper fully rolled up.

2. Measure and mark the center of the slide, just below the fascia.

3. Remove the two Slic pins **(Figs. 20A, 20B)** holding the claw to the cradle. The middle roller will be dislodged when the middle pin **(Fig. 20A)** is removed. Remove and set aside claw assembly and middle roller.

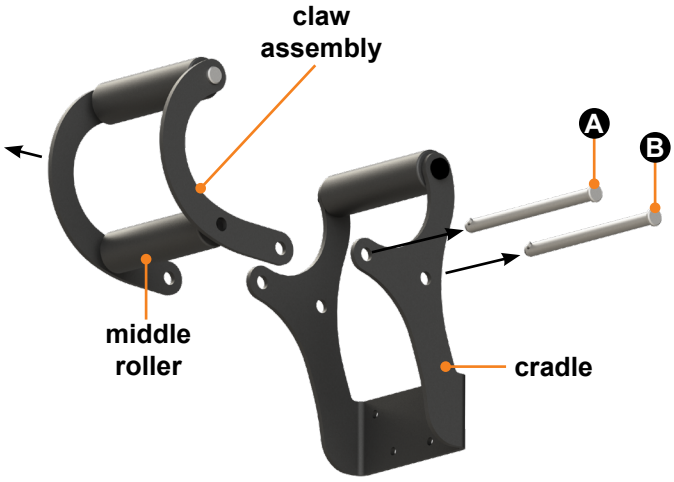


Fig.20

4. Position the cradle centered at the mark made previously and seat the top of the cradle mounting bracket against the bottom of the top fascia **(Fig. 21A)**.

5. Fasten the cradle mounting bracket in place using customer supplied #10 screws **(Fig. 21B)**.

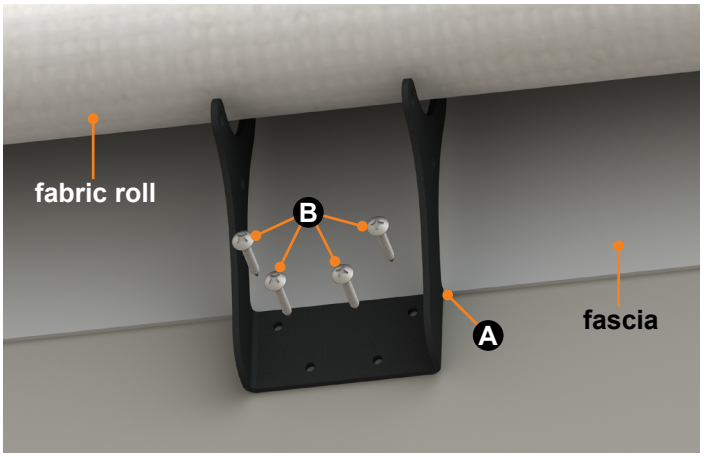


Fig.21

6. Reinstall the claw assembly by lining up the holes on both sides of it and the support cradle. Slide the middle roller into the middle position **(Fig. 22A)**, and insert a Slic pin to secure the claw, mounting bracket, and roller **(Fig. 22B)**.

7. Reinstall the final Slic Pin **(Fig. 22C)**.

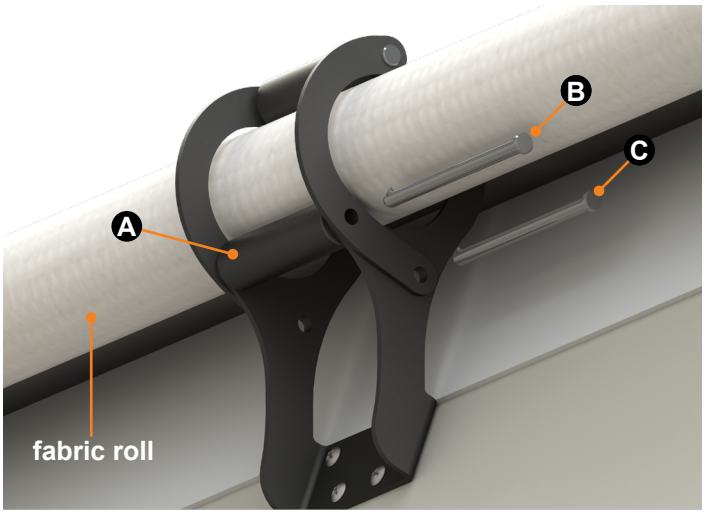


Fig.22

Option 2

1. Make sure the slide is in the retracted position with the topper fully rolled up.

2. Measure and mark the center of the slide on the bottom of the top fascia.

3. Remove the two Slic pins **(Figs. 20A, 20B)** holding the claw to the cradle. The middle roller will be dislodged when the middle pin **(Fig. 20A)** is removed. Remove and set aside claw assembly and middle roller

4. Position the cradle centered at the mark made previously and align the bottom of the cradle mounting bracket against the bottom edge of the top fascia **(Fig. 23A)**.

5. Fasten the cradle mounting bracket in place using customer supplied #10 screws **(Fig. 23B)**.

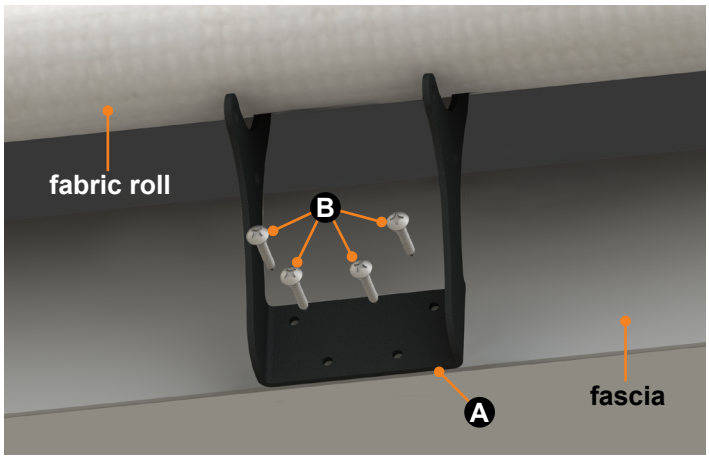


Fig.23

6. Reinstall the claw assembly by lining up the holes on both sides of it and the support cradle. Slide the middle roller into the middle position **(Fig. 22A)**, and insert a Slic pin to secure the claw, mounting bracket, and roller **(Fig. 22B)**.

7. Reinstall the final Slic Pin **(Fig. 22C)**.

NOTE: Figure 19 depicts support cradle bracket installed in the below fascia method. Claw reassembly is not affected by cradle bracket mounting location.

Maintenance

Fabric Care
If the awning is retracted while wet, extend the awning and let it dry as soon as conditions allow before again retracting. This will help prevent the formation of mildew and add to the life of the awning.

NOTE: Mildew does not form on the fabric itself, but on the accumulated dust, dirt and grime. Periodically clean vinyl or woven acrylic fabric using a mixture of ¼ cup of dish soap and five gallons of warm water.

1. Liberally apply the mixture on the top of the fabric and retract the awning for five minutes.

2. Apply the mixture to the bottom of the fabric as well.

3. Extend the awning and hose off with fresh water.

4. Repeat if necessary.

5. Allow to dry before retracting.

Troubleshooting

Solera® Slide Topper Troubleshooting Chart	
What's Happening?	**What Should Be Done?**
Rub marks appear on the fabric.	Check that there is no debris in the track where fabric goes into the case.
Fabric sags or is loose.	Check tension on springs.
	Make sure the end caps are properly secured.
Fabric will not roll up.	Check tension on springs.
	Make sure there are no debris or foreign objects in the fabric opening or case.
Fabric will not unroll.	Make sure the pins that lock the tension for install have been removed from both ends of the end caps.
Fabric appears to roll up at an angle.	Make sure the rail that is mounted to the unit is square with the main housing of the slide topper.
	Make sure fabric is cut square.

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