



SOLERA® 1000 SERIES
SLIDE TOPPER
OEM INSTALLATION MANUAL

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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.

Additional information about this product can be obtained from [lci1.com/support](https://support.lci1.com) or by using the LippertNOW app. Replacement kits can be ordered from <https://store.lci1.com/> or by using the LippertNOW app. The LippertNOW app is available for free on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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For information on the assembly or individual components of this product, please visit <https://support.lci1.com/solera-slider-awning>.

Safety

Read and 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.



The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely 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, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

⚠ 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
- (2) #6 x 1/2" hex head screws
- 1/8" Hex key wrench
- Tape measure
- Silicone sealant or butyl tape
- Silicone lubricant

Installation

NOTE: 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 (If Necessary)

NOTE: Awning rail not 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.

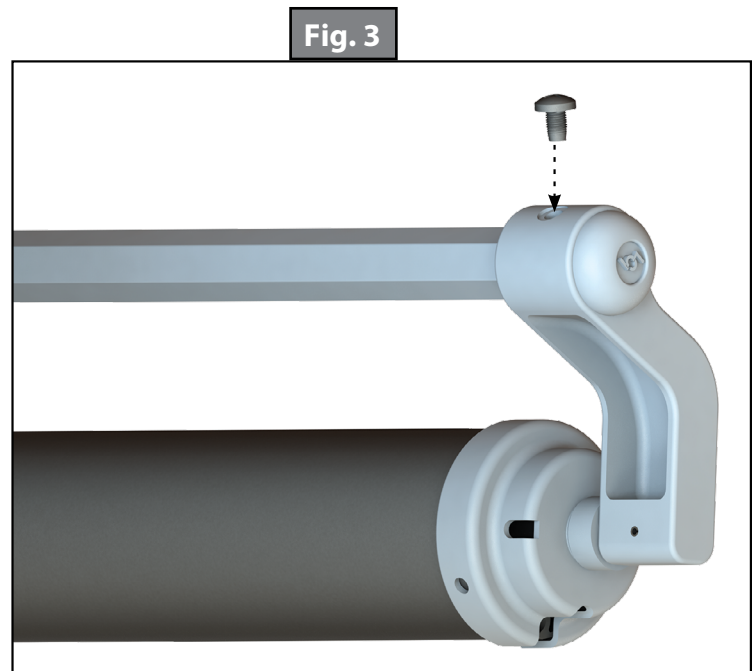
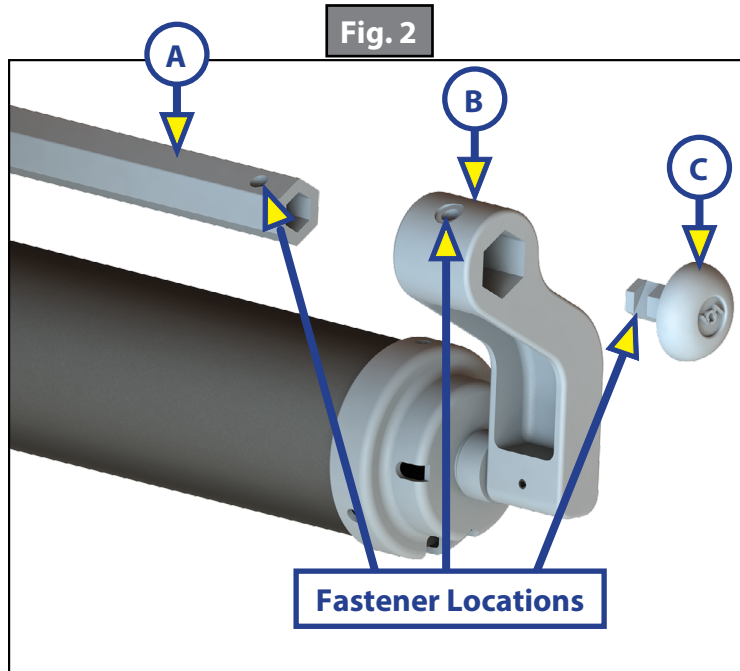
1. Position the awning rail along the line where the roof and wall meet or a minimum of 3" to 6" maximum above the T-molding of the slide room the Solera® Slide Topper will cover. The awning rail must be level and parallel with the top of slide room T-molding of the unit.

NOTE: If mounting the Solera Slide Topper access plate on the T-molding, see “Installing Solera Slide Topper Access Plate” section (Fig. 6), the awning rail must be a minimum of 4 1/2" to 7 1/2" 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. Align the awning rail on the wall and secure with #8 - 18 X 1" screws, using all fastener holes.

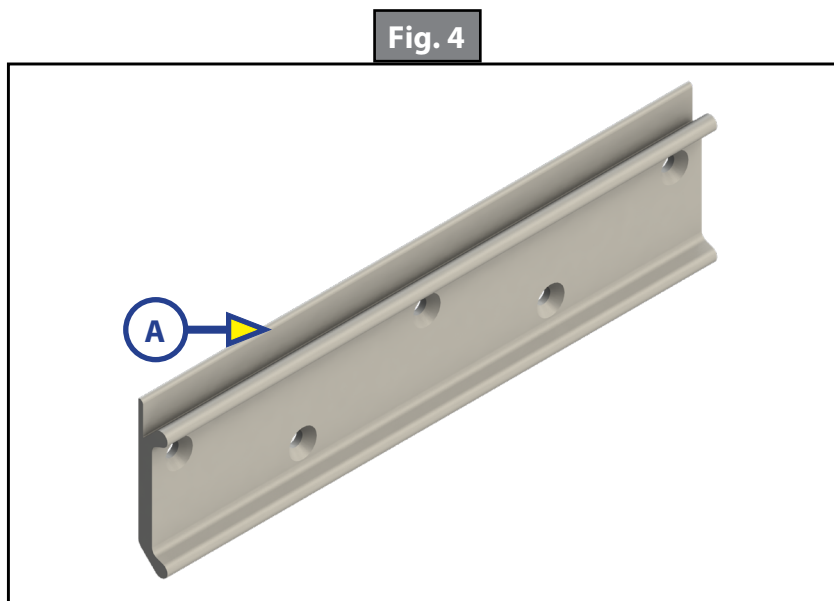
Assemble the Extension Rod and Cap

1. Slide the extension rod (Fig. 2A) into the spring head assembly torsion arm (Fig. 2B), aligning the fastener locations (Fig. 2).
2. Slide the spring head assembly torsion arm end cap (Fig. 2C) into the extension rod (Fig. 2A), aligning all three fastener locations (Fig. 2). Fasten using the provided 1/4" - 20 x 5/8" slotted pan head, self-threading screw (Fig. 3).
3. Repeat steps 1 and 2 for the opposite end.



Installing the Solera Slide Topper Access Plate

The access plate (Fig. 4) can be mounted with the flat edge (Fig. 4A) at the top or bottom, depending on which option allows for a more square installation on the unit.



1. Install the access plate below the T-molding (Fig. 5) or on the T-molding (Fig. 6).
 - 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. 5A) against the bottom of the T-molding at the top corner of the slide-out (Fig. 5B) as close to the corner as possible. Keep the mounting bracket parallel with the bottom edge of the T-molding.

NOTE: There might be a slight gap between the T-molding side and the side of the mounting bracket (Fig. 5C) 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. 6A) at the very bottom corner of the T-molding, (Fig. 6B) as close to the outside of the T-molding as possible without going over the corner mold (Fig. 6C).

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

Fig. 5

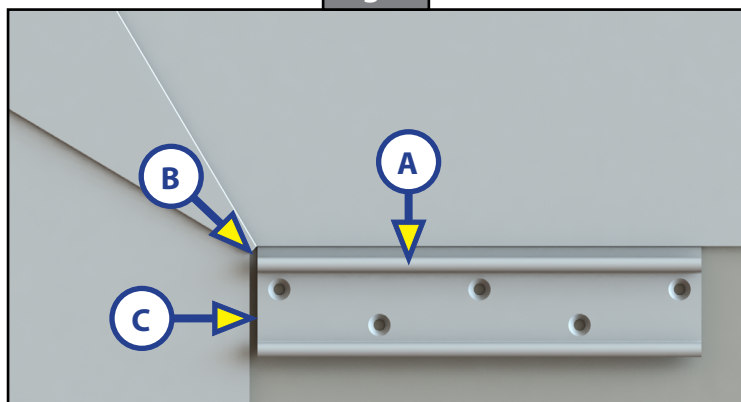
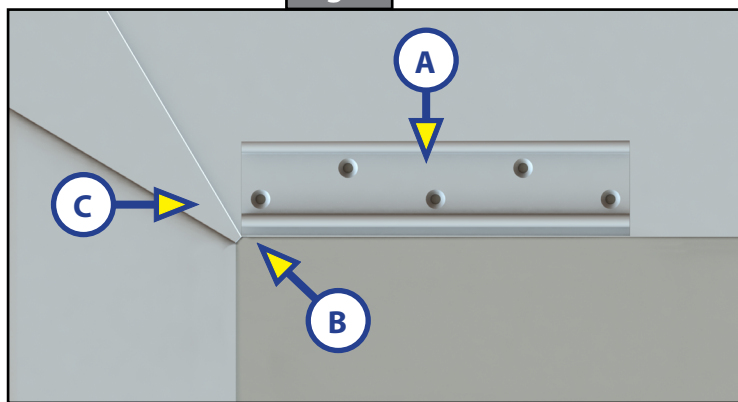
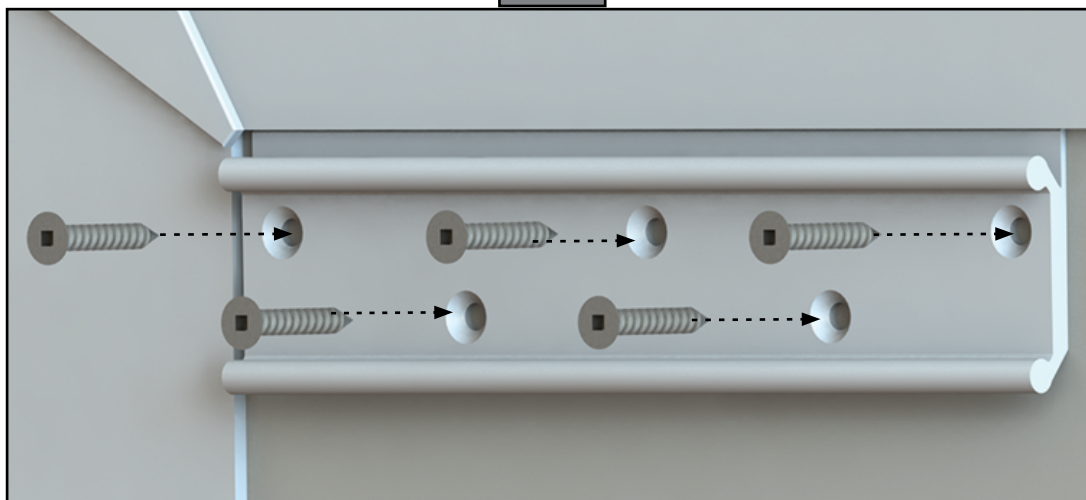


Fig. 6



2. Fasten the mounting bracket to the slide-out exterior wall using the five provided #10 -13 x 1 1/4" recessed square head screws (Fig. 7).

Fig. 7



⚠ CAUTION

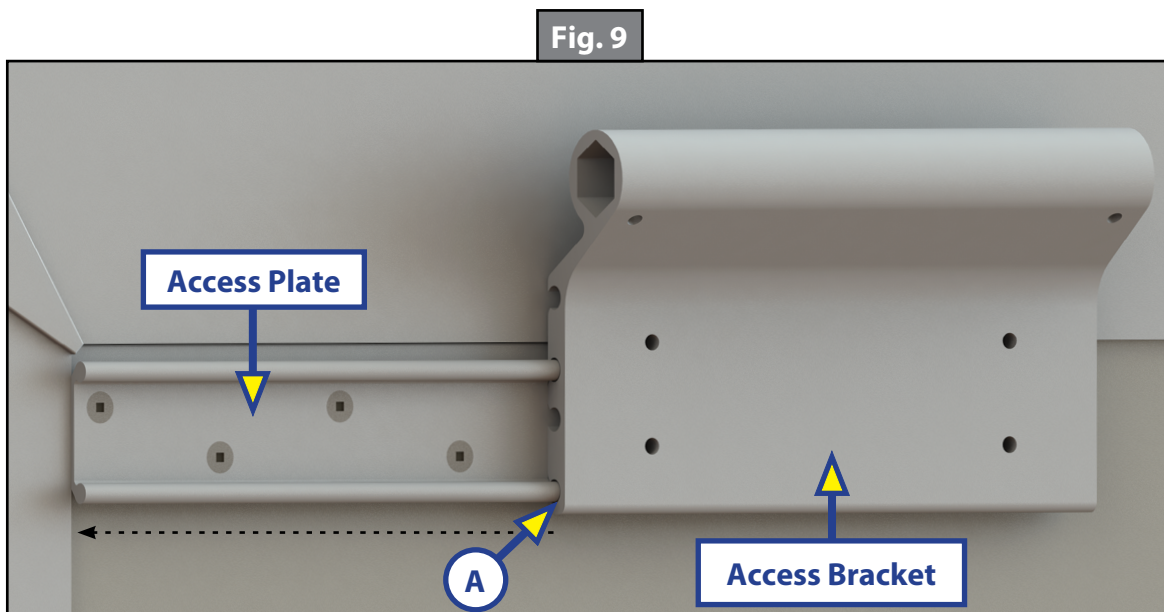
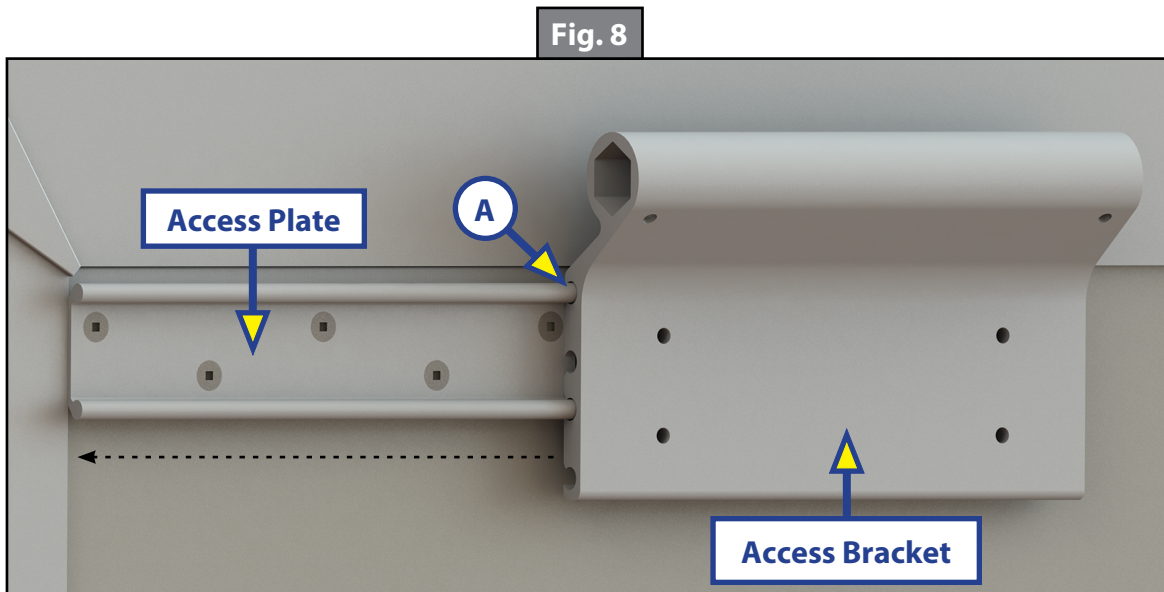
Falling slide topper access brackets can cause personal injury, product and/or property damage. Slide topper access brackets are installed loose on the access plate until final installation. Make sure access brackets are secure enough to prevent falling from the access plate.

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. 8A), first extrusion from the top of the access bracket, is used for regular clearance. The higher position (Fig. 9A), 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.6), use the first extrusion from the top of the access bracket method (Fig. 8A).

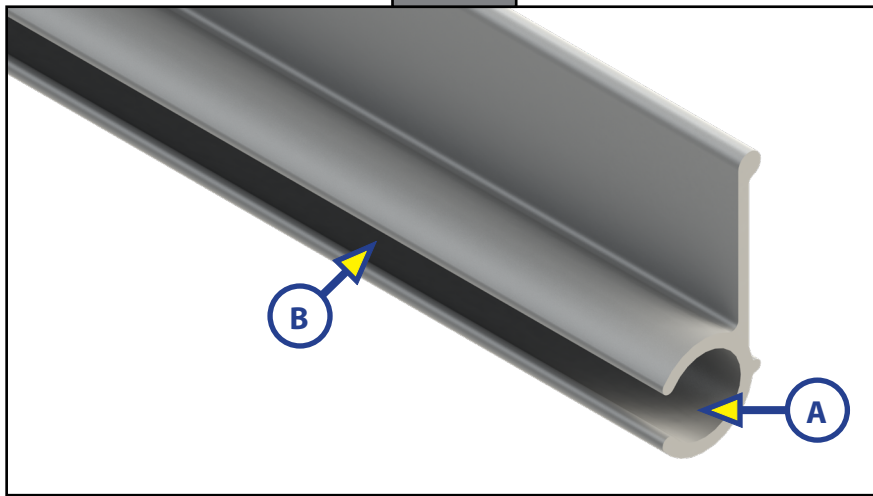
1. Slide an access bracket onto an access plate at the appropriate position (Fig. 8 or Fig. 9) at both ends of the slide room.



Installation of 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. 10A).
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. 10B).

Fig. 10



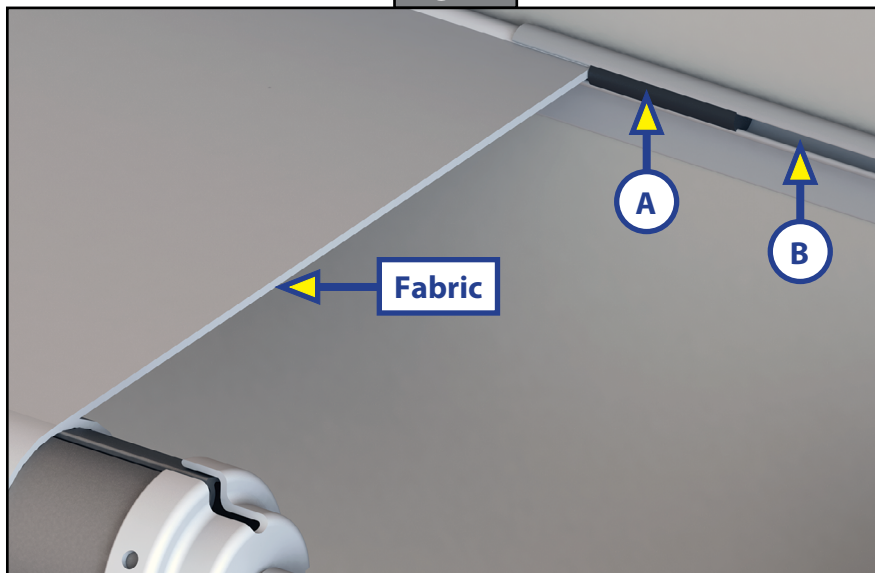
4. Remove packaging from the roll tube and unroll a small portion of fabric, no more than one turn.

⚠ CAUTION

Unrolling the fabric more than one turn will cause the slider 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. 11A) on the fabric through the awning rail channel (Fig. 11B).

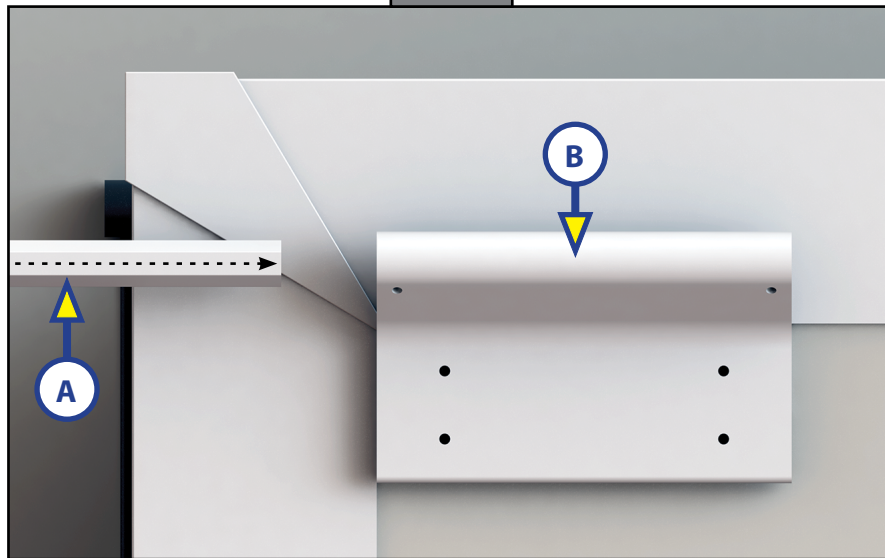
Fig. 11



6. Feed one of the extension rods (Fig. 12A) into an access bracket (Fig. 12B). 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. 12



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

NOTE: Make sure the access bracket (Fig. 9A) is flush with the access plate (Fig. 9B) attached above or below the T-molding of the slide-out.

8. Install the two provided 1/4" - 20 x 1/2" set screws in the top two holes of the access bracket (Fig. 13A) if using the lower position (Fig. 8). Install two set screws in the lower two holes of the access bracket (Fig. 14A) if using the higher position (Fig. 9).
9. Center the Solera® Slide Topper over the slide room using a tape measure.

Fig. 13

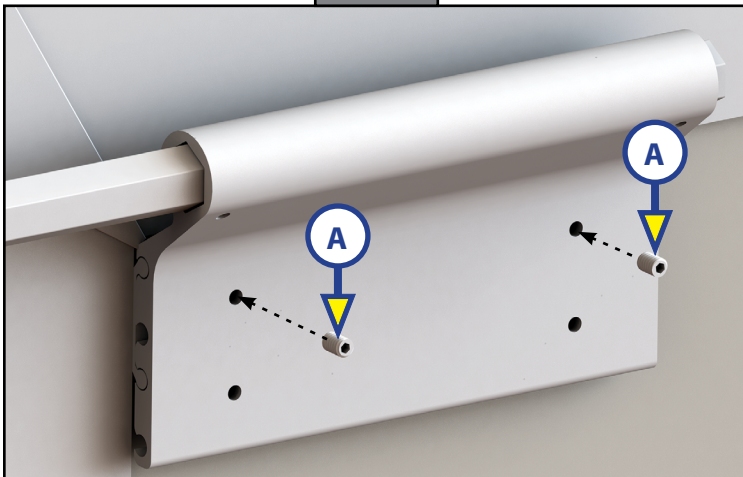
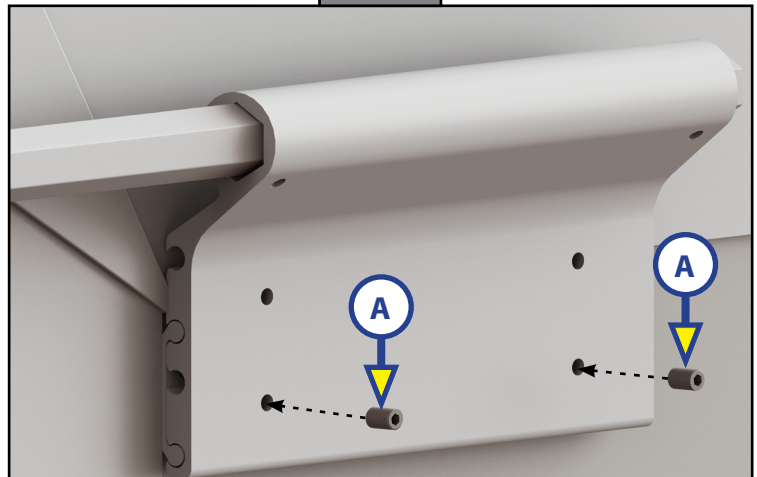
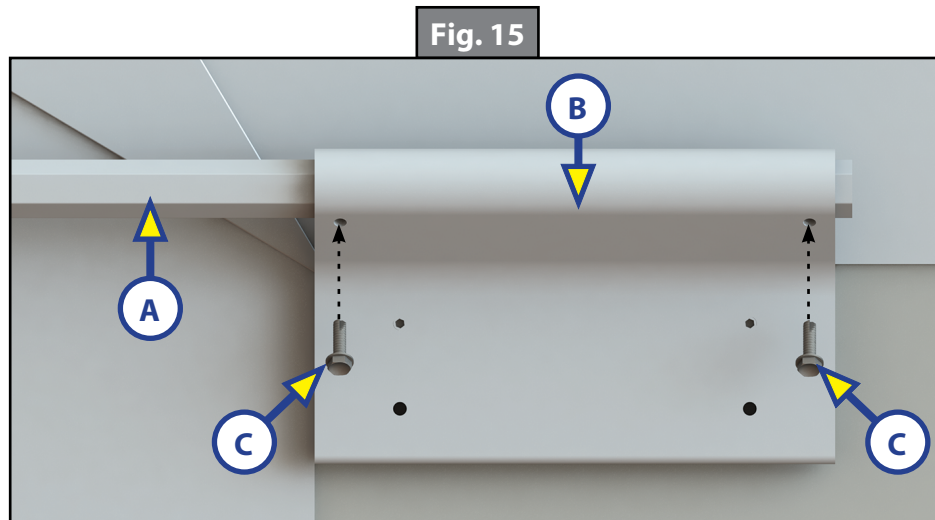


Fig. 14



10. Fasten the extension rods (Fig. 15A) to the access brackets (Fig. 15B) by installing two of the provided #10 - 16 x 3/4" self-drilling hex washer head screws (Fig. 15C).



⚠ 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.

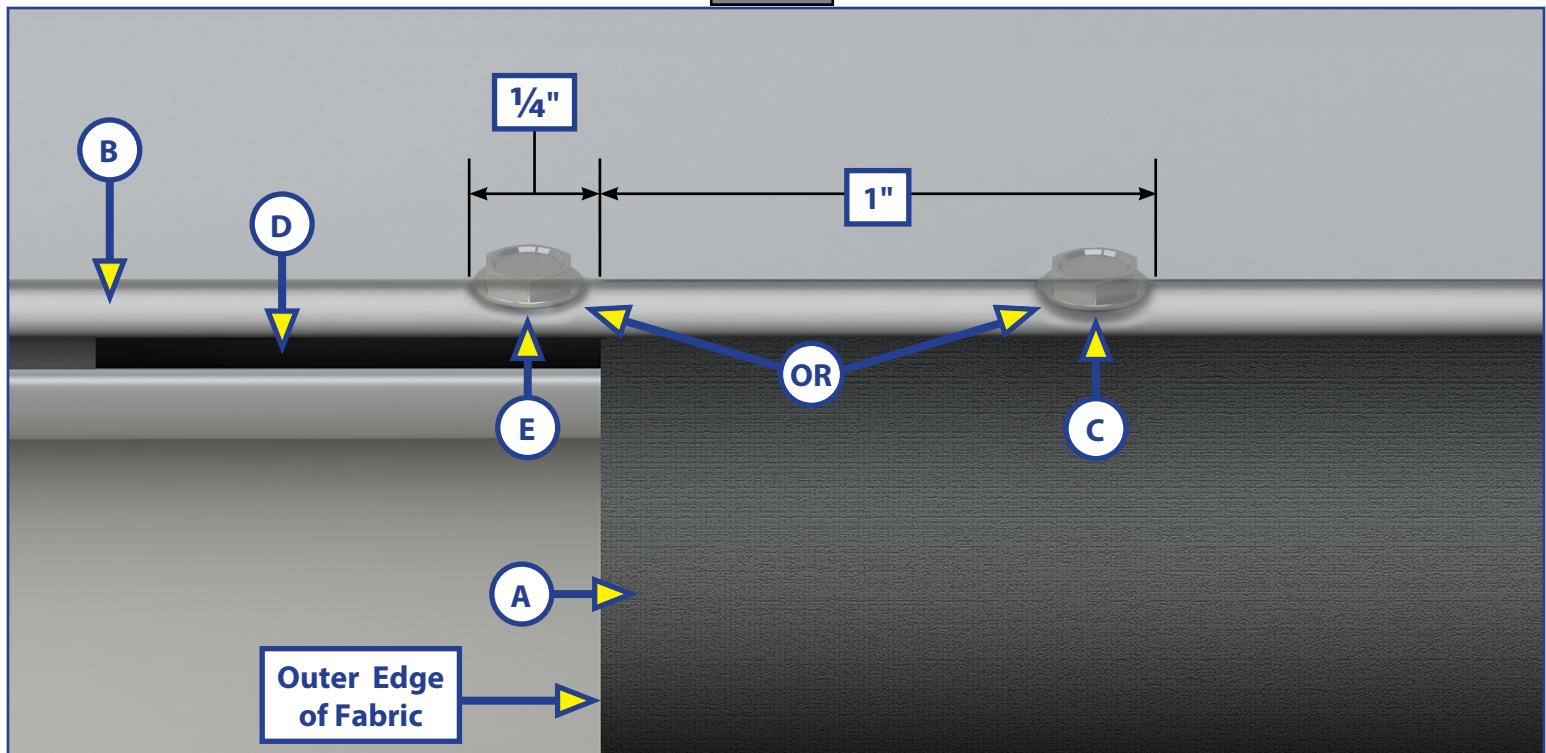
Option 1

Secure the fabric (Fig. 16A) in the awning rail (Fig. 16B) no more than 1" inside the edge of the fabric on both ends using an OEM supplied #6 x 1/2" hex head screw (Fig. 16C). Install the screw (Fig. 16C) down through the awning rail (Fig. 16B) into the fabric (Fig. 16A) and the polycord (Fig. 16D).

Option 2

Secure the fabric (Fig. 16A) in the awning rail (Fig. 16B) no more than 1/4" outside the edge of the fabric on both ends using an OEM supplied #6 x 1/2" hex head screw (Fig. 16E). Install the screw (Fig. 16E) down through the awning rail (Fig. 16B).

Fig. 16



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

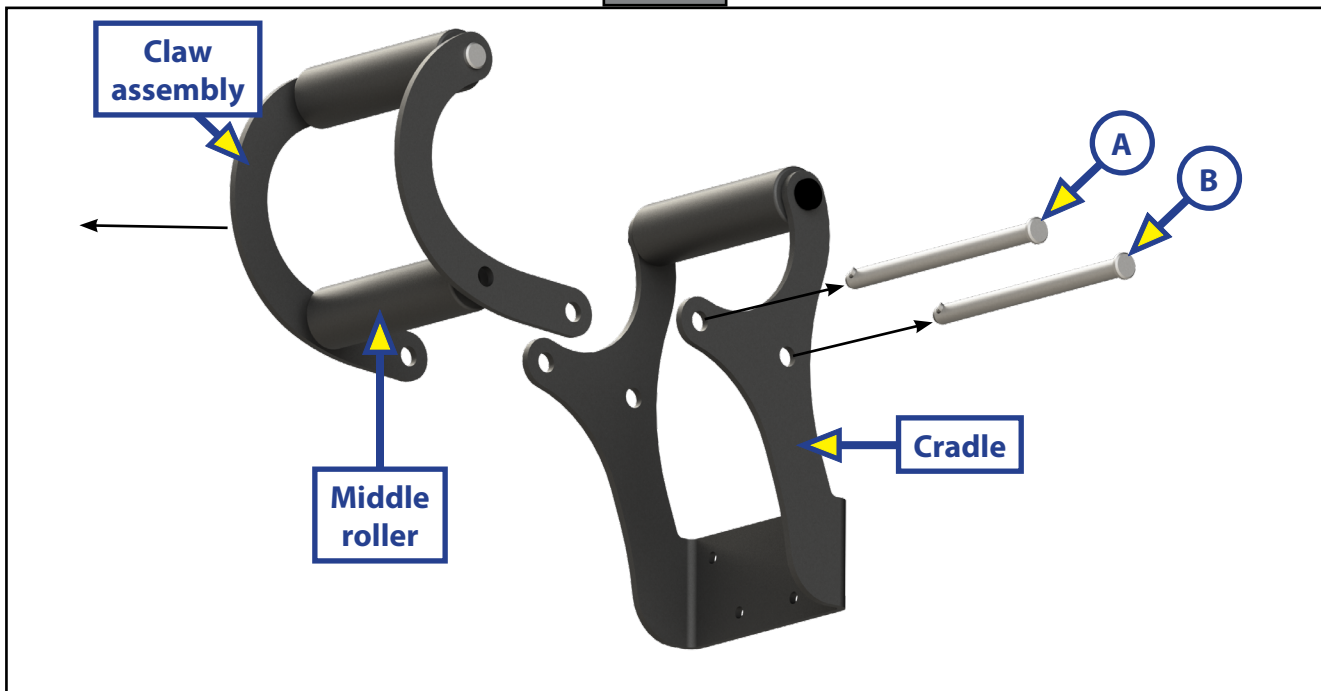
NOTE: For slide toppers measuring 16' and larger, a slide topper support cradle is required.

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

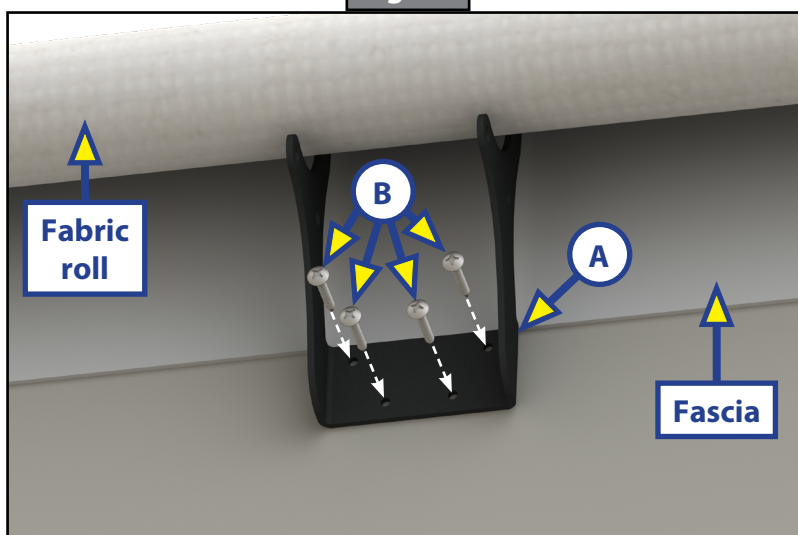
1. Make sure the slide is in the retracted position with the topper fully rolled up.
2. Measure and mark the center of the slide, just below the fascia.
3. Remove the two Slic pins (Figs. 17A, 17B) holding the claw to the cradle. The middle roller will be dislodged when the middle pin (Fig. 17A) is removed. Remove and set aside claw assembly and middle roller.

Fig. 17



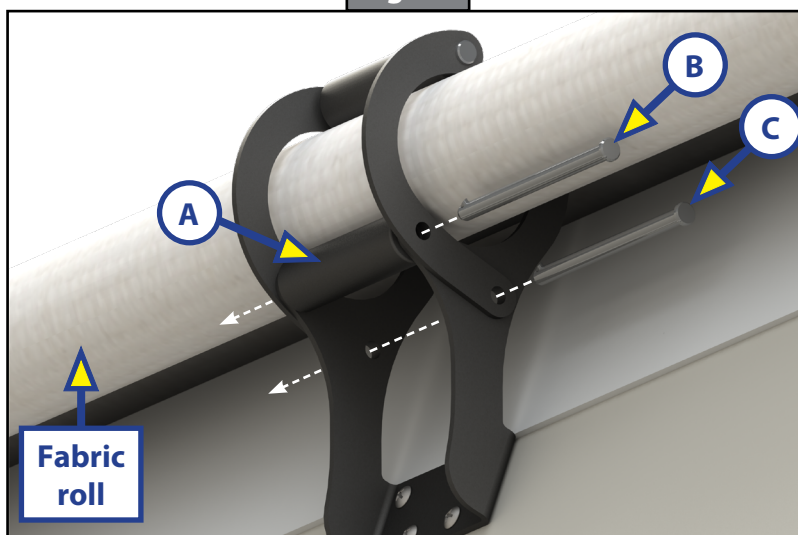
4. Position the cradle centered at the mark made previously and seat the top of the cradle mounting bracket against the bottom of the top fascia (Fig. 18A).
5. Fasten the cradle mounting bracket in place using OEM supplied #10 screws (Fig. 18B).

Fig. 18



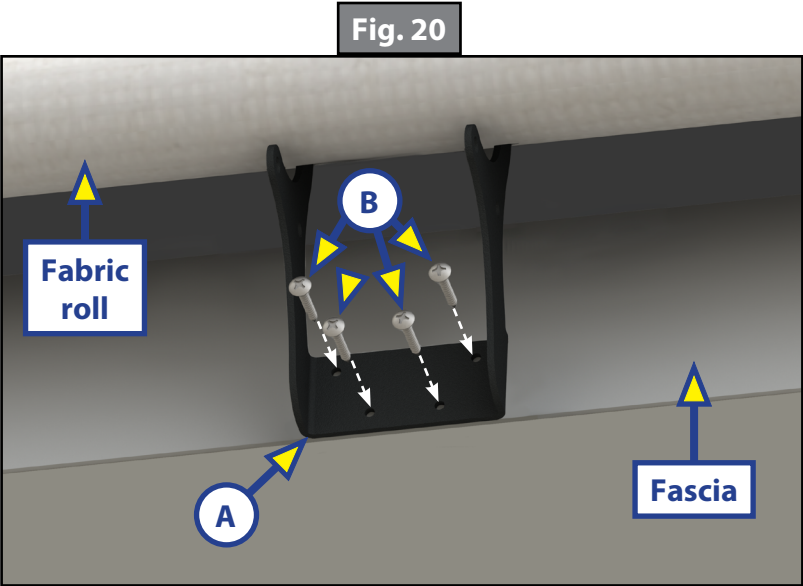
6. Reinstall the claw assembly by lining up the holes on both sides of it and the support cradle. Slide the middle roller into the middle position (Fig. 19A), and insert a Slic pin to secure the claw, mounting bracket, and roller (Fig. 19B).
7. Reinstall the final Slic Pin (Fig. 19C).

Fig. 19



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. 17A,17B) holding the claw to the cradle. The middle roller will be dislodged when the middle pin (Fig. 17A) 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. 20A).
- 5. Fasten the cradle mounting bracket in place using OEM supplied #10 screws (Fig. 20B).



- 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. 19A), and insert a Slic pin to secure the claw, mounting bracket, and roller (Fig. 19B).
- 7. Reinstall the final Slic Pin (Fig. 19C).

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

Troubleshooting

What is Happening	What Should Be Done?
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.
Fabric will not unroll.	Make sure the pins that lock the tension for install have been removed from both 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.

Notes

[illegible]



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