Solera® BY LIPPERT



Family and Screen Room

Installation and Owner's Manual

(For Aftermarket Applications)

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Introduction

The Solera® Family Room and Screen Room are designed for use on Solera Classic, Solera Hybrid and Solera ¹²V power awnings, Carefree Fiesta, Spirit, Pioneer manual, Traveler & Eclipse 12V power awnings, Dometic Sunchaser, 8500 manual, Weather Pro and 9100 series 12V power awnings.

Additional information about this product can be obtained from lci1.com/support or by downloading the free LippertNOW app. The app is available 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, scan this QR code or go to:https://support.lci1.com/solera-and-reg-awning-accessories

Safety

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

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

⚠WARNING

FOR AWNINGS WITH WIND SENSORS, THE WIND SENSOR MUST BE SHUT OFF WHEN USING THE ROOM. IF THE AWNING SHOULD RETRACT AFTER THE ROOM IS SET UP, DAMAGE TO THE AWNING, ROOM AND UNIT WILL OCCUR, AS WELL AS POSSIBLE PERSONAL INJURY. REFER TO THE AWNING OWNER'S MANUAL FOR INSTRUCTIONS.

⚠CAUTION

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

Preparation

Both the Solera Family Room and Screen Room are designed the same. The installation instructions will be the same for both products.

NOTE: Confirm proper room size. Measure existing awning from center of arm to center of arm. Room size must match awning size. A smaller room cannot be installed on a longer awning.

Resources Required

- 2 people
- Cordless or Electric Drill or Screw Gun
- Appropriate Drive or Drill Bits
- ¼" Hex Head Bit
- Mallet or Hammer
- Measuring Tape
- Ladder
- Sealant
- Non-permanent method of marking

Installation

1. Extend the awning out completely according to the manufacturer's instructions. Ensure that the open roll tube slot and the slot access is down and accessible. Set and secure both rafters, if applicable.



Fig.1

Install Upper Brackets

2. Place the upper bracket **(Fig.1A)** directly under the awning rail so the hook is approximately 2" under the awning fabric and the end of the bottom of the "L" portion of the bracket is directly under the edge of the awning fabric **(Fig.1)**.

3. Mark the bracket location. Apply a liberal amount of sealant to the back of the bracket. Attach the bracket using the screws provided.

4. Repeat the process on the opposite side.

NOTE: Molly rivets may be required if no backer material is present (not provided).

Attach the Side Panels

1. Measure from the awning rail to the ground.

A. For awning rails between 96" and 110": Attach the side panel to the upper bracket using the LOWER strap on the side panel **(Fig.2)**.

B. For awning rails between 111" and 130": Attach the side panel to the upper bracket using the UPPER strap on the side panel **(Fig.2)**.

2. Hang the upper or lower strap, depending on the awning rail height, on the bracket **(Fig.3)**.



Fig.2



Fig.3

3. On the other end, wrap the strap over the roll tube **(Fig.4)** next to the awning fabric. Attach the strap **(Fig.5)** and tighten the strap **(Fig.6)**.


Fig.4


Fig.5


Fig.6

4. The wedge zippers on the side panels should be facing under the awning. To adjust the height of the side panel: zip up 1 or both zippers to make the appropriate height **(Fig.7)**.


Fig.7

5. Choose the appropriate polycord to slide into roll tube **(Fig.8)**.

A. If both zippers were closed, use the lowest polycord and slide the front panel into the roll tube.

B. If the middle zipper was closed, use the middle polycord and slide the front panel into the roll tube.

C. If neither zippers were closed, use the top polycord and slide the front panel into the roll tube.


Fig.8

6. Run the polycord through to the other end of the roll tube **(Fig.9 and Fig.10)**.



Fig.9

NOTE: Do not unzip the front from the insert. The front panel fits various size awnings. Once you have set up the room you can cut off the other polycords and vinyl on the front insert if you do not want the room to fit other unit applications.



Fig.10

7. Repeat steps 1 through 6 for the 2nd side panel.

8. Zip the front panel to the side panels on both sides **(Fig.11)**.



Fig.11

9. Velcro the top side panel and front panel together on both sides **(Fig.12)**.



Fig.12

Install Unit Skirting

⚠ CAUTION

THE SKIRTING MUST NOT INTERFERE WITH LP APPLIANCES OR EXHAUST VENTS. DO NOT START OR OPERATE THE UNIT'S ENGINE OR GENERATOR IF THE EXHAUST COMPONENTS ARE LOCATED BEHIND THE SKIRTING.

NOTE: The room kit comes with a unit skirt panel and a shorter, wheel well cover panel. Both will be attached to the unit with self-adhesive fasteners. The attachment points for the fasteners on the unit must be clean and dry. It may be necessary to use rubbing alcohol on the area before attaching the adhesive snaps to remove dirt and moisture. The optimum temperature should be above 50°.

1. Attach all of the included self-adhesive fasteners to the snaps on the unit skirt panel **(Fig.13)**.



Fig.13

2. Starting at one end of the unit skirt panel, remove the backing of the first adhesive snap and attach it to the unit approximately 2" outside of the room's side panel **(Fig.14)**.



Fig.14

3. Move to the next fastener and repeat process keeping the skirt in a straight line. (If the skirt covers a compartment, simply unsnap the skirt when using the room to obtain access to the compartment.)

4. If the wheel well opening is not covered completely by the room skirt, use the wheel well skirt to cover the opening using the self-adhesive fasteners **(Fig.15)**. Once the wheel well skirt is installed, tuck the bottom of the skirt behind the room skirt **(Fig.15)**.

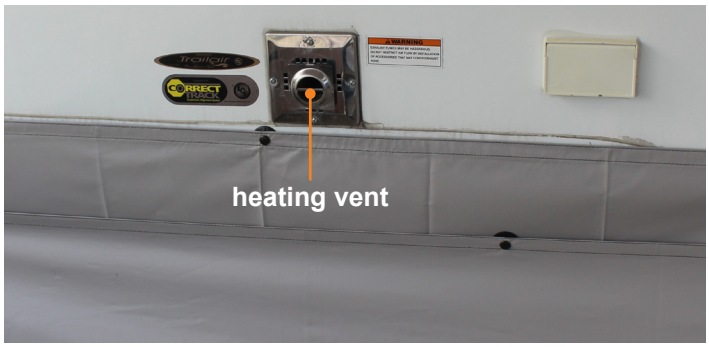

Fig.15

5. If the unit skirt panel goes across the entry step:

A. With the panel attached to the unit wall, carefully mark the location of the top, inner and outer edges of the step frame on the skirt.

B. Remove the skirt from the unit and lay out on a flat, clean surface **(Fig.16)**.



Fig.16

C. Using a straight edge and sharp knife, draw and then cut out 3 sides on the skirt **(Fig.17)**.

D. This creates a flap in the fabric.

6. Reattach the skirt to the unit.

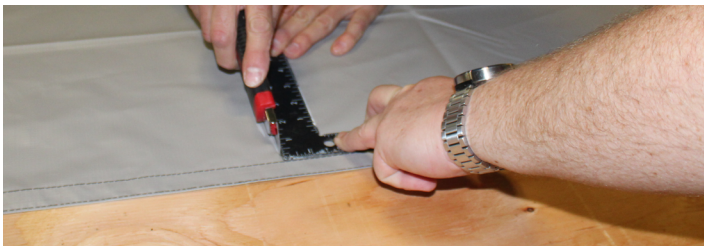

Fig.17

7. Pull steps out through the flap **(Fig.18)**. Tuck the flap behind the stairs **(Fig.19)**.

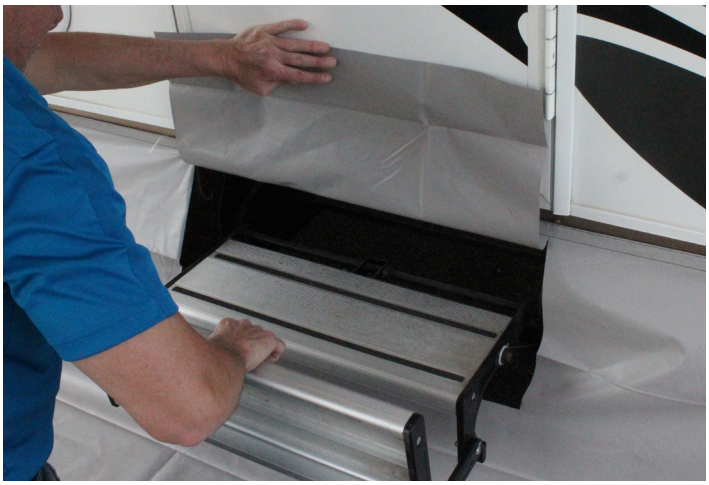

Fig.18



Fig.19

Securing the Room to the Ground

1. Place a ground spike through the bracket on the side tensioner. Hammer the spike into the ground, preferably slightly under the RV. This will keep the side panel snug against the unit.

2. Pull the shock cord through to tighten the side panel.

3. Position the room so the sides and front panel look square.

4. Start at the side panel and use the grommet closest to the unit. Place the spike through the grommet and hammer the spike into the ground.

⚠ CAUTION

TO AVOID TEARING THE ROOM, HIT THE SPIKE DIRECTLY ON THE HEAD. DO NOT POUND THE SPIKE DOWN TO HARD.

5. Set the remaining spikes in the grommets in the following order: Side panel closest to the door; front panel near the opposite side panel; unit side; opposite side from where you started.

6. Set all remaining spikes.

Removing Spikes

1. Using vise grips or pliers, grab the head of the spike and twist 3 or 4 times, then lift the spike out of the ground.

Storing The Panels

1. Ensure that the privacy panels are down and secured.

2. Remove the spikes holding the panels.

3. Reverse the setup procedures to remove the panels.

4. Store the spikes in the small storage bag.

5. To fold the panels:

A. Lay the panels flat with the screen panel facing up.

B. Square the side panel by folding the triangular shape over.

C. Fold the top over and down to the bottom edge.

D. Fold in half until the panel is approximately a 12" segment.

E. Starting on one end, fold the panel in approximately 24" segments.

F. Store the panels in the storage bags.

Notes

Notes

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