



**SOLERA® POWER AWNING
(NO MANUAL OVERRIDE)
OWNER'S MANUAL**

L I P P E R T
C O M P O N E N T S®

TABLE OF CONTENTS

Introduction	2
Safety	2
Operation	3
Extending the Awning	3
Retracting the Awning	3
Adjusting Pitch	4
Maintenance	4
Fabric Care	4
Variant Code Information	5
Awning Manual Retract Procedure	5
Resources Required	5
Procedure #1 (Preferred)	5
Procedure #2	6
Procedure #3	6
Notes	7

Introduction

The Solera® Power Awning features an internal motor to steadily operate the awning. Additionally, the pitch arm allows for rain dump and adjustable pitch features, and there is no rafter arm to lock in place. The pitch arm also provides added stability.

Additional information about this product can be obtained from [lci1.com/support](https://support.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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For information on the assembly or individual components of this product, please visit:

<https://support.lci1.com/solera-power-awning>.

Note: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

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, including voiding of the LCI limited warranty.



Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

⚠ CAUTION

Tying down the roll tube once the awning is extended will not allow the free-floating support arms to work as designed and may cause damage to the awning or unit.

⚠ CAUTION

This manual provides operational procedures for Solera® Power Awning. Operating the Solera® Power Awning in any other manner than described may result in personal injury, damage to the recreational vehicle unit or the awning assembly as well as voiding the Lippert Components Limited Warranty.

Operation

If the unit is equipped with a travel lock, be sure to unlock prior to extending the awning. After retraction and before travel, be sure to lock the support arms back into place.

Note: Travel locks can vary in form between manufacturers. Be sure to identify the travel lock on the awning to ensure safe and proper use.

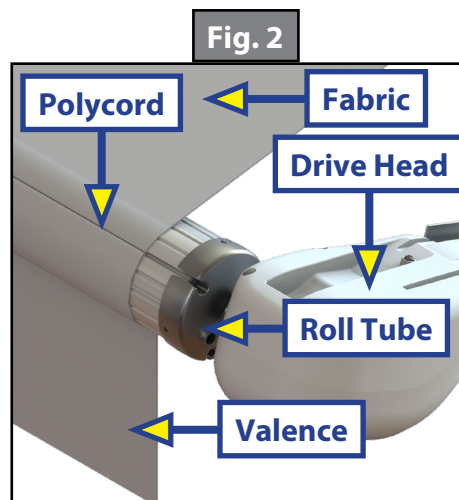
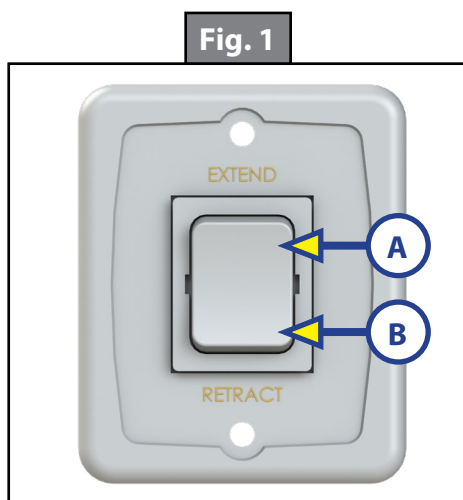
Extending the Awning

1. Verify the unit's battery is fully charged and connected to the electrical system.
2. Press and hold "EXTEND" (Fig. 1A) until the awning is extended completely.

Note: Some units may not use the LCI switch (Fig. 1).

Note: Extension is considered complete when the fabric is completely unrolled, the valance polycord is visible and a section of the roll tube is exposed (Fig. 2).

Note: The awning fabric should always be above the roll tube. However, if the "EXTEND" switch is engaged too long or "EXTEND" is hit inadvertently instead of "RETRACT", the awning will roll up backward. This is not a defect. To correct the fabric orientation, press the "RETRACT" button. The awning will then extend to its correct orientation and normal operation can resume.



Retracting the Awning

1. Verify the unit's battery is fully charged and connected to the electrical system.
2. Press and hold "RETRACT" (Fig. 1B) until the awning is retracted completely.

Note: The awning can be retracted without resetting the pitch.

Adjusting Pitch

Pitch can be set by adjusting the pitch arm to tip one side of the awning to allow water runoff.

Note: The awning will pitch itself to purge the pooling of excess water and may dump a significant amount of water without notice.

Infinite Pitch Arm

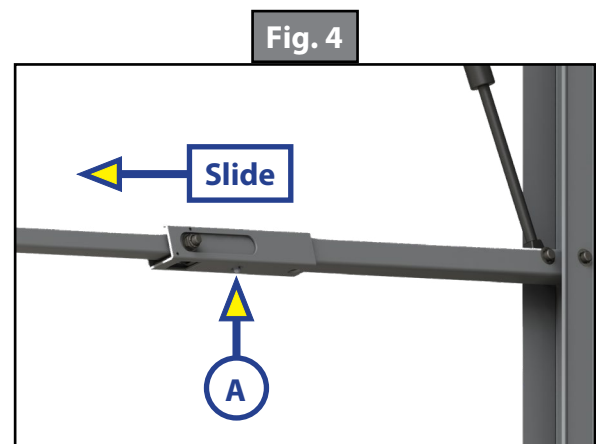
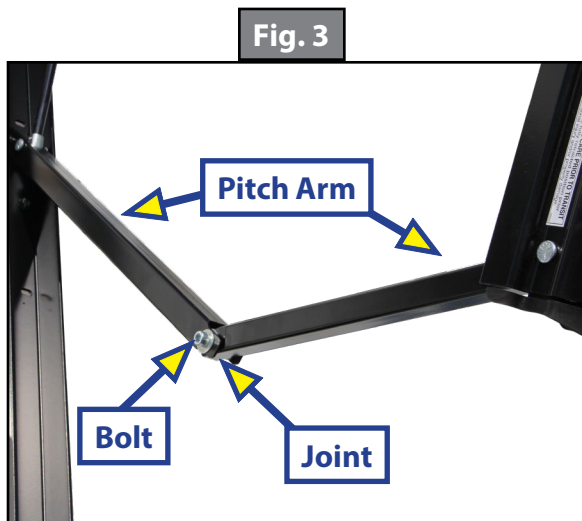
1. Extend the awning to desired position.
2. Choose the side of the awning for optimum shade or convenient water runoff. Pull downward on the joint of the pitch arm until desired pitch is set (Fig. 3) to allow for water runoff. Belleville washers and bolt (Fig. 3) allow for the joint to remain in the position set by the operator.
3. If the pitch arm does not hold position, it can be tightened by adjusting the bolt (Fig. 3) in the center of the joint.

Note: Do not push the joint of the pitch arm up past the point where the two sections are straight in line. This will put tension on the gas strut, which can cause the strut to break.

Note: The awning can be retracted without resetting the pitch.

Slider Pitch Arm

1. Extend the awning to the desired position.
2. Choose the side of the awning for optimum shade or convenient water runoff. Push the slider release button (Fig. 4A) and slide the sleeve into its unlocked position and adjust to the desired pitch.
3. When the pitched position is no longer desired, adjust the pitch arm into a straight position and slide the sleeve over the joint into the locked position.



Maintenance

Fabric Care

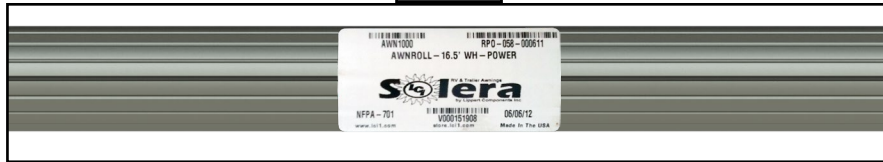
If the awning is retracted while wet, extend the awning and let it dry as soon as conditions allow before retracting. This will help prevent the formation of mildew and add greatly to the life of the awning. Mildew does not form on the fabric itself, but on the accumulated dust, dirt and grime.

Note: Periodically clean vinyl or woven acrylic fabric using a mixture of 1/4 cup of dish soap and 5 gallons of warm water. Liberally apply the mixture on the top of the fabric and retract the awning for 5 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.

Variant Code Information

Solera® awnings have a sticker located on the roll tube with a variant code that is specific to that awning assembly (Fig. 5). The sticker on newer units will be located near the motor head on the roll tube. There will also be a sticker on the awning fabric. The variant code will determine which variation of the product is being used. When ordering replacement parts, it is imperative to use the variant code to receive the most compatible part.

Fig. 5



Awning Manual Retract Procedure

Resources Required

- 2 or 3 People
- Cordless or Electric Drill or Screw Gun
- Appropriate Drive Bits
- Razor Knife
- Zip Ties
- Ladders

Procedure #1 (Preferred)

1. Push both support arm assemblies closed until they are approximately one foot from fully retracted. Secure both support arm assemblies by securing a zip tie around the outer arm and around the pin on the top of the mount arm where the mount arm and inner arm connect (Fig. 6).
2. Remove the #8 wax screw that secures the end cap to the drive head shaft.
3. Pull the roll tube and end cap off of the drive head shaft.

CAUTION

Make sure to adequately support the roll tube during this process. Failure to support the roll tube may result in personal injury or property damage.

4. Roll the fabric up around the roll tube by turning the roll tube by hand.
Note: Roll the fabric as tight to the unit as possible while leaving enough slack in the fabric to be able to slide the drive head back onto the end cap.
5. Slide drive head shaft into end cap and reinstall the #8 wax screw to secure.
6. Tighten zip ties around support arms until the support arms are as tight against the unit as possible.

CAUTION

Ensure the awning assembly is secure against the side of the unit prior to travel. Failure to do so may result in personal injury or property damage.

Procedure #2

1. Push both support arm assemblies closed until they are approximately one foot from fully retracted. Secure both support arm assemblies by securing a zip tie around the outer arm and around the pin on the top of the mount arm where the mount arm and inner arm connect (Fig. 6).
2. Remove the #6 x 1/2" hex head screw at each end of the fabric, where it is secured to the awning rail.
3. Remove the drip cap at one end of the awning rail (if equipped).
4. Remove the #8 wax screws that secure the end caps to the drive and idler head shafts.
5. With one person at each end of the awning and one in the middle to support the roll tube, slide the roll tube and end cap assembly off the shaft from each head assembly.
6. Slide the fabric down the awning rail to the desired end to remove it from the unit.
7. Roll the fabric around the roll tube and store securely inside the unit for travel.
8. Tighten zip ties around the support arms until the support arms are as tight against the unit as possible.

⚠ CAUTION

Ensure the awning assembly is secure against the side of the unit prior to travel. Failure to do so may result in personal injury or property damage.

Procedure #3

Note: Performing this procedure will require the replacement of the fabric in addition to any other components that may need to be repaired or replaced.

1. Push both support arm assemblies closed until they are approximately one foot from fully retracted. Secure both support arm assemblies by securing a zip tie around the outer arm and around the pin on the top of the mount arm where the mount arm and inner arm connect (Fig. 6).
2. Cut the awning fabric along the roll tube and the awning rail, to remove from the awning assembly.
3. Tighten zip ties around support arms, until support arms are as tight against the unit as possible.

⚠ CAUTION

Ensure the awning assembly is secure against the side of the unit prior to travel. Failure to do so may result in personal injury or property damage.

Fig. 6



Notes

This image shows a full page of blank, lined paper. It features approximately 28 horizontal black lines spaced evenly across the page, typical of standard notebook paper. The lines are thin and extend from the left edge towards the right, leaving a small margin. There is no handwriting or other markings on the page.



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