



SOLERA® POWER AWNING XL
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 Information	2
Operation	3
Extending the Awning	3
Adjusting Pitch	4
Retracting the Awning	5
Troubleshooting	6
Manual Override	6
Maintenance	7
Resources Required	7
Fabric Care	7

Introduction

The Solera® Power Awning XL features an internal motor to steadily operate the awning. Additionally, the pitch arm assembly allows for rain dump and adjustable pitch features. The pitch arm assembly also provides added stability.

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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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 Information

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.



The “CAUTION” symbol above is a sign that a safety risk is involved and may cause personal injury, product or unit damage if not safely adhered to and within the parameters set forth in this manual.



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

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Operation

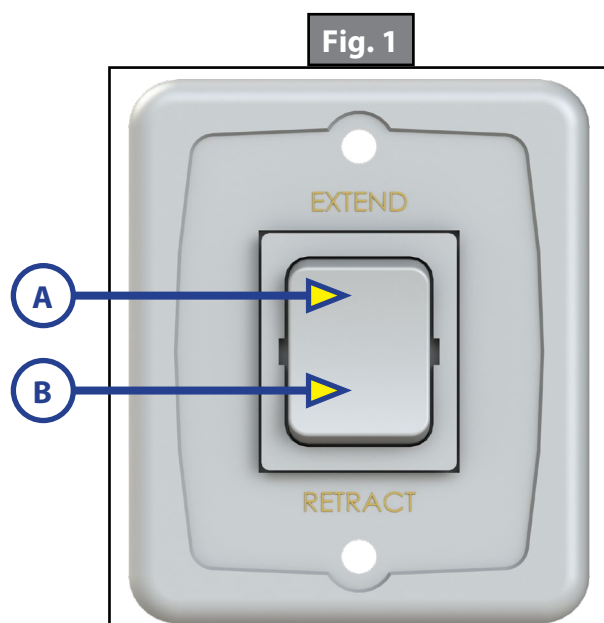
NOTE: Some units may not use the LCI switch (Fig. 1).

Extending the Awning

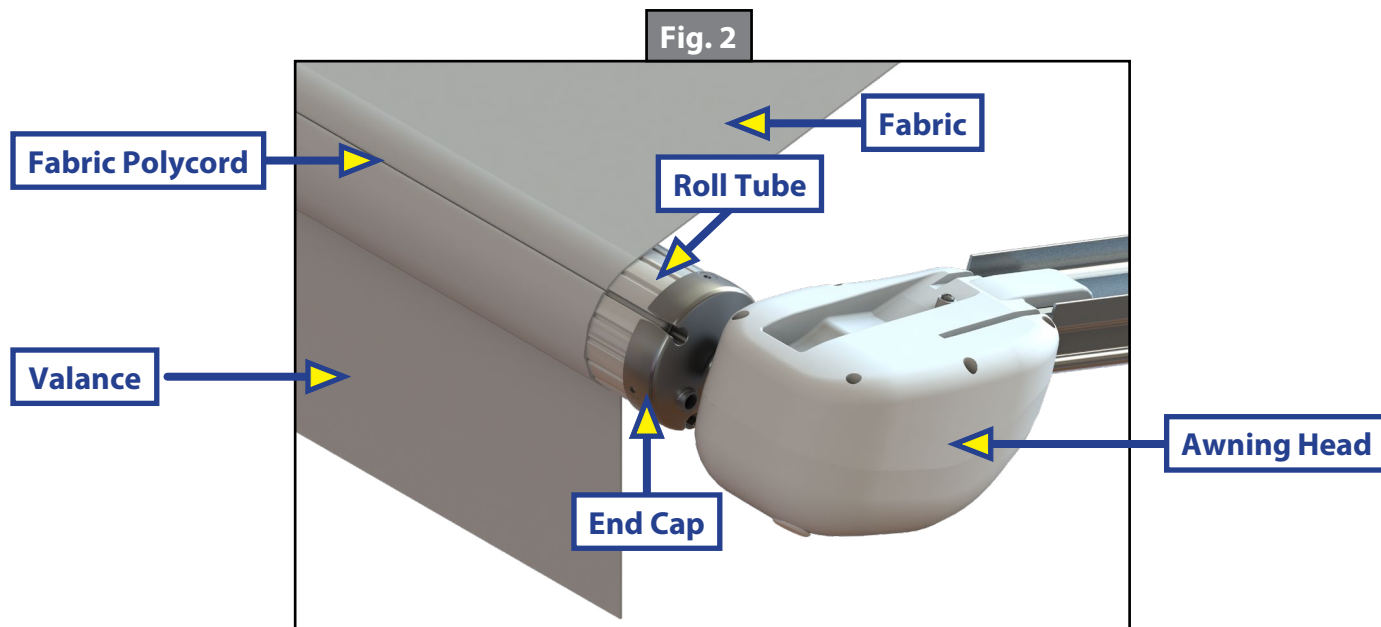
1. Verify the unit's battery is fully charged and connected to the electrical system.
2. Locate the locking latch on the side of the support arm, if equipped, and unlock the latch.

NOTE: This latch is optional and may or may not be installed on one or both support arms.

3. Press and hold EXTEND (Fig. 1A) until the awning is extended completely.



NOTE: Extension is considered complete when the fabric is completely unrolled, the valance is hanging down from the roll tube and a section of the roll tube is exposed (Fig. 2).



The awning fabric should always be above the roll tube. However, if the EXTEND switch is engaged too long or the EXTEND button 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 (Fig.1B). The awning will then extend to its correct orientation and normal operation can resume.

Adjusting Pitch

The trigger pitch (Fig. 3A) provides two preset pitch angles and an automatic retract when the awning is retracted. Pitch can be set by adjusting the trigger pitch to tip one side of the awning to allow water runoff.

1. Extend the awning to desired position.
2. Choose the side of the awning for optimum shade or convenient water runoff.
3. There are three set positions where the trigger pitch can be set. Press up on the lever (Fig. 4A) of the trigger pitch and push the pitch arm towards the unit until the desired pitch is set to allow for water runoff.
4. Release the lever when a click sound is heard, locking the pitch arm in place.

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

Fig. 3

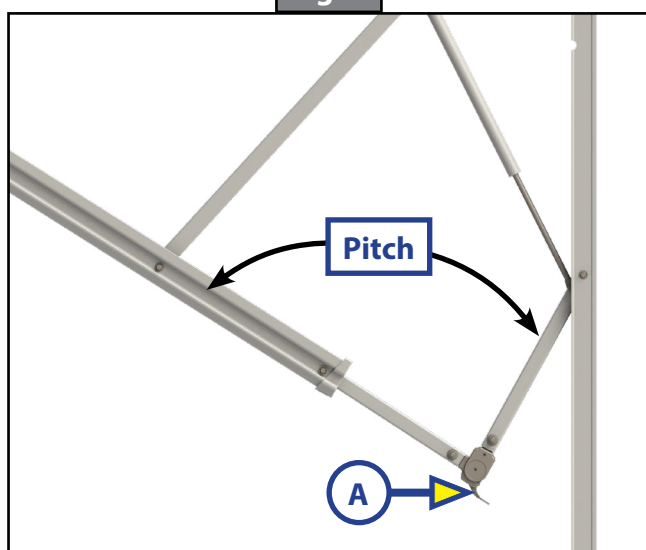
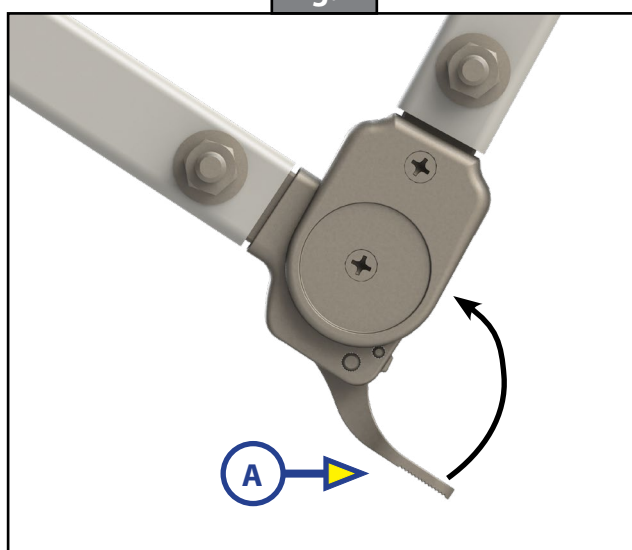
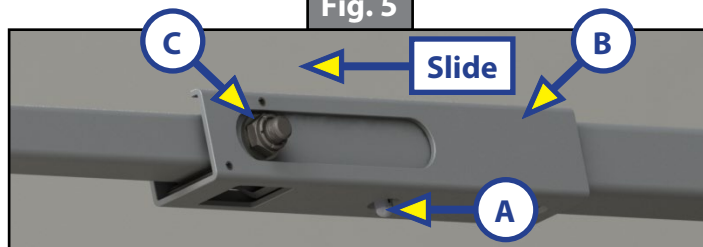


Fig. 4



NOTE: Some awnings are equipped with a 2-position pitch arm (Fig. 5). The 2-position arm can be set in the pitch position or snapped into a straight position by pushing the release button (Fig. 5A) and sliding the sleeve (Fig. 5B).

Fig. 5



NOTE: Do not push the joint of the pitch arm up past the point where the two sections are in a straight 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.

NOTE: If the 2-position pitch arm does not hold position, it can be tightened by adjusting the bolt (Fig. 5C) in the center of the joint.

⚠ 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.

Retracting the Awning

⚠ CAUTION

During incidents of high wind, heavy rain or extended time away from the unit, it is advisable to retract the awning completely to prevent damage to the awning and the unit.

1. Verify the unit's battery is fully charged and connected to the electrical system.

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

2. Press and hold RETRACT (Fig. 1B) until the awning is retracted completely.
3. Locate the locking latch, if equipped, and lock the latch.

NOTE: This latch is optional and may or may not be installed on one or both support arms.

Troubleshooting

Manual Override

In the event of power loss or motor failure, the awning can be extended and retracted manually. Perform the following procedure to manually retract the awning.

NOTE: This procedure may also be performed to extend or retract the awning in the event of dry camping or camping without a battery.

1. Remove the rubber grommet (Fig. 6A and 7A) from the drive head assembly, exposing the manual override nut on the motor.

NOTE: The drive head assembly is always located on the right side of the awning as it is viewed from outside of the unit.

2. Using a $\frac{7}{16}$ " socket and cordless/power drill, spin the manual override nut counterclockwise to retract the awning (Fig. 8).

NOTE: Use caution when retracting the awning manually. The use of a step stool or ladder may be required to completely retract the awning.

3. When the awning is completely retracted, remove socket or drive device and replace the rubber grommet in the drive head assembly (Fig. 6A and 7A).

Fig. 6



Obsolete Drive Head Assembly

Fig. 7



Current Drive Head Assembly

Fig. 8



Maintenance

Resources Required

- 5 gallon bucket
- Clean water
- 1/4 cup of dish soap

Fabric Care



Over-spray of cleaning solution can cause eye and sensitive skin irritation. Flush affected area with clean water and seek medical attention, if necessary. Wear eye protection and appropriate protective clothing to avoid personal injury.



Moving parts can pinch, crush or cut. Keep clear and use caution.

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.

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 1/4 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. This will apply the mixture to the bottom of the fabric as well.
2. Extend the awning and hose off with fresh water.
3. Repeat if necessary.
4. Allow to dry before retracting.



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