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Operation

Extending the Awning

1. Locate the locking latch (Fig. 1) (if equipped) on the drive side awning arm. Unlock the latch (Fig. 2).

   **NOTE:** This latch is optional and may be installed on one or both support arms.

2. Using the pull rod, place the "L" end of the rod on top of the cam lock (Fig. 3A) and pull down on the lock to release it (Fig. 3).

3. Insert the pull rod into the pull strap (Fig. 4).

4. Pull strap to chest height using the pull rod. Using hands to grasp strap, walk the awning outward, keeping in front of the roll bar at all times (Fig. 5).

   **NOTE:** Full extension is considered complete when the awning valance seam reaches the leading edge of the awning tube (Fig. 6). Also check to make sure cam lock is on top of the roller tube.

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**CAUTION**

Tying the roll bar down once extended will not allow the free floating support arms to work as designed and may cause damage to the awning or RV.
Retracting the Awning

1. Grasping the strap, pull slightly toward you (Fig. 7) to release pressure on the cam lock (Fig. 7A) and disengage the cam lock.

2. While holding strap in hand, walk awning toward coach until the strap is about chest height (Fig. 8).

3. Insert pull rod into the pull strap.

4. Walk awning all the way in until it stops (Figs. 9 and 10). Remove pull rod from strap.

5. Locate the locking latch (Fig. 11) (if equipped) on the drive side awning arm. Lock the latch to secure the awning in place (Fig. 12).

**NOTE:** This latch is optional and may not be installed. If not installed, awning is secured and ready for transportation.
**Adjusting Pitch**

**NOTE:** Without manually setting pitch to the awning, the awning will pitch itself to purge excessive water pooling in one location and may dump a significant amount of water to either end of the awning without notice.

1. Pitch can be set manually by adjusting the articulating arm to tip one side of the awning to allow water runoff.
2. Extend awning to desired location.
3. Choose the side of the awning for optimum or convenient water runoff. Pull downward on the joint of the articulating arm (Fig. 13) until pitch is set to allow for water runoff. Do not push the articulating arm up past straight. This will put tension on the gas strut and can break it. The Belleville washers and bolt allow for the joint (Fig. 14A) to remain in the position set by the operator.

**Fabric Care**

If the awning is rolled up while wet, roll it out and let it dry as soon as conditions allow before rolling it up again. 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. Periodically clean vinyl or woven acrylic fabric using a mixture of \(\frac{1}{4}\) cup of dish soap mixed with 5 gallons of warm water. Liberally slosh the mixture on the top of the fabric and roll the awning up for 5 minutes. This will apply the mixture to the bottom as well. Roll it out and hose off with fresh water. Repeat if necessary. Allow to dry before rolling up.
SOLERA® MANUAL AWNING
PULL STRAP ASSEMBLY

Idler Head Assembly

Drive Head Assembly

Grommet

Roll Bar

Center Support Assembly
NOTE: Only required for Solera Awnings greater than 21' in length

Gas Strut

Support Arms

Fabric

Pull Rod
**Variant Code Information**

The variant code on Lippert products can assist LCI customers in obtaining additional information about the product and its components. For replacement part information, locate the variant code as outlined below and call LCI customer service at 574-537-8900.

![Variant Code Diagram](image)

**Callout White Part #** | **Black Part #** | **Description**
--- | --- | ---
A | 271181 | 272067 | Drive Head Assembly
B | 266151 | 266161 | Drive Head Front Cover
 | 289557 | 289560 | Drive Head Front Cover (NEW)
C | 266152 | 266162 | Drive Head Rear Cover
 | 289558 | 289561 | Drive Head Rear Cover (NEW)
D | 266147* | 273479* | Idler Side Head
E | 272397 | 285147 | Idler Head Assembly
F | 266153 | 266163 | Idler Head Front Cover
 | 289563 | 289566 | Idler Head Front Cover (NEW)
G | 266154 | 266164 | Idler Head Rear Cover
 | 289564 | 289567 | Idler Head Rear Cover (NEW)

**NOTE:** * Only used on 6’ awning assemblies.
<table>
<thead>
<tr>
<th>Callout</th>
<th>White Part #</th>
<th>Black Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>H</td>
<td>299419</td>
<td></td>
<td>Screw - # 8 - 15 X ½ PNH ZN SQ A ST</td>
</tr>
<tr>
<td>I</td>
<td>266156</td>
<td></td>
<td>#6 X ½ ZN Screw (fastener for head covers, 6 per cover)</td>
</tr>
<tr>
<td>J</td>
<td>299630</td>
<td></td>
<td>#8 Wax Screw</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>NOTE:</strong> For 6' awnings at the idler head to connect roll bar to the shaft.</td>
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<tr>
<td>K</td>
<td>118043</td>
<td></td>
<td>Nut 5/16-18 Nylock ZN ST (head to arm)</td>
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<tr>
<td>L</td>
<td>266148</td>
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<td>Screw 5/16-18 X 2-1/4 (head to arm)</td>
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<td>M</td>
<td>266155</td>
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<td>Screw #8-32 x ½ PH PNH MACHG ZN FT HD (back cover to mount)</td>
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<td>N</td>
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<td>Rubber Grommet (for manual override opening)</td>
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<td>3334292</td>
<td>End Cap for Manual Drive Head</td>
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<td></td>
<td>3334301</td>
<td>3334302</td>
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<td>P</td>
<td>281080</td>
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<td>Pull Rod</td>
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<td>Q</td>
<td>292794</td>
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<td>Manual Pull Strap Replacement</td>
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<td>289373</td>
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<td>Awning Center Support Assembly</td>
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<td><strong>NOTE:</strong> Only required for Solera Awnings greater than 21' in length.</td>
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## Callout Table

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<tr>
<td>S</td>
<td>295742</td>
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<td>Support Arm Assembly (Short, 61&quot;)</td>
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<td>260294</td>
<td>266169</td>
<td>Support Arm Assembly (Pitched, 66 ¾&quot;)</td>
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<td>281152</td>
<td>281154</td>
<td>Support Arm Assembly (Flat, 69&quot;)</td>
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<td>T</td>
<td>280343</td>
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<td>Gas Strut; 26&quot;; 124 LBS (for Short and Flat Arm assemblies)</td>
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<td>260282</td>
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<td>Gas Strut; 124 - 144 LBS (for Pitched Arm assemblies)</td>
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<td>U</td>
<td>286576</td>
<td></td>
<td>Screw - #14 - 10 x 1 ½ (arms to coach)</td>
</tr>
<tr>
<td>V</td>
<td>282484</td>
<td></td>
<td>Star Washer (for Gas Strut)</td>
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</tbody>
</table>

## Awning Fabric and Roll Bar Replacement

To order replacement awning fabric and roll bar for your awning, locate the awning label on the roll bar. Locate the variant code at the bottom of the label. Call LCI Customer Service at 574-537-8900 and provide the variant code.