

AWNING

TO 4900 - TO 5102 - TO 5200 - TO 8000
TO 8000 - TRISTOR2 - TO 5003



Installation must be performed by a qualified installer, service agency, manufacturer or dealer.

Manufactured for  **LIPPERT®**

Lippert provides this and other Thule product manuals for download at
<https://support.lci1.com/thule-awnings>.

AWNING

Purpose

This document outlines the procedure to replace the Thule® Spring Arm.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels. This TI 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 document cannot plot out instructions for every possibility, but can provide general instructions 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 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.

⚠ WARNING

Always wear eye protection when performing service or maintenance to the coach. Other safety equipment to consider includes hearing protection, gloves and possibly a full face shield, depending on the nature of the service.

⚠ WARNING

Arms are under a great deal of tension. NEVER attempt to remove or service the arms of the awning without first securing them with heavy-duty zip ties, hook and loops, or ratchet straps.

⚠ CAUTION

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

⚠ CAUTION

Make sure the roll tube is adequately supported before removing the support arm assembly. Failure to do so may result in serious personal injury or property damage.

Spring Tension Warning Reminder



This symbol is to remind the user that arms are under a great deal of tension and should always be secured while performing any kind of service or maintenance on the awning. Failure to secure the arms may result in property damage or serious personal injury.

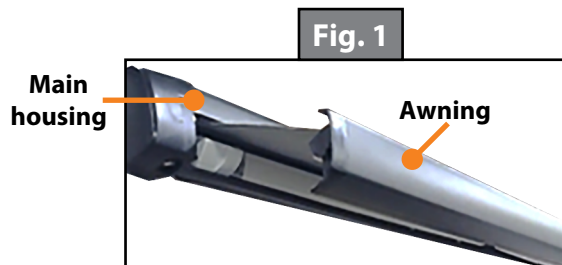
AWNING

Resources Required

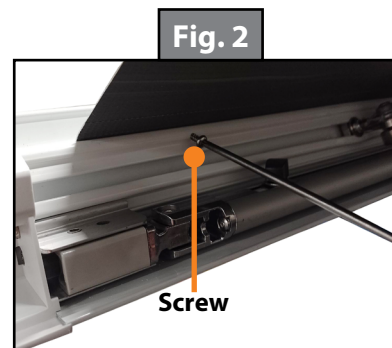
- Cordless or electric drill or screw gun
- Appropriate drive bits
- ½" (13mm) socket wrench
- Measuring tape
- Non-permanent marking utensil
- Allen Wrench

Procedure

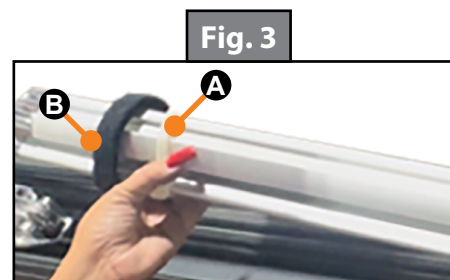
1. Extend the awning away from the awning's main housing. Extend a maximum of 2 feet (Fig. 1).



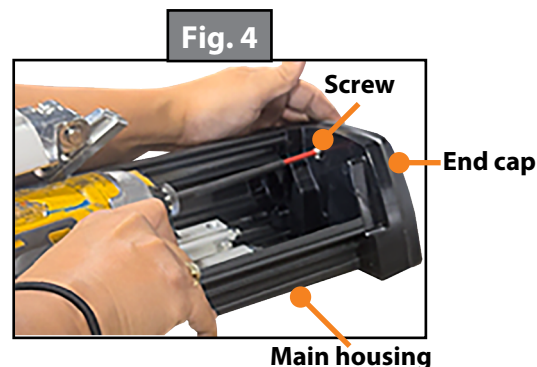
2. Loosen the screws of the fabric (Fig. 2).



3. Secure the Spring Arm with a heavy-duty zip tie (Fig. 3A) or wrap heavy duty hook and loop (Fig.3B) around the arms to ensure that the arms don't come open. Then tape the zip tie or hook and loop in place for safety so that it doesn't slide off the Spring Arm.



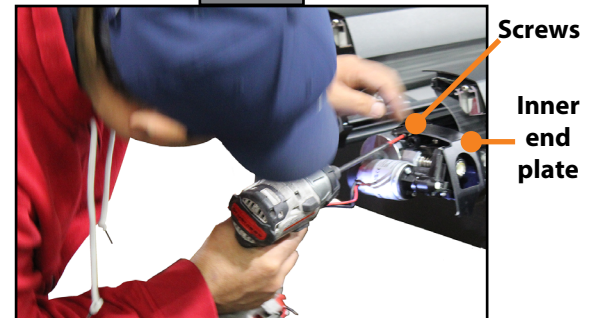
4. Remove the screw from the main housing end cap and gently pull the end cap off the main housing (Fig. 4).



AWNING

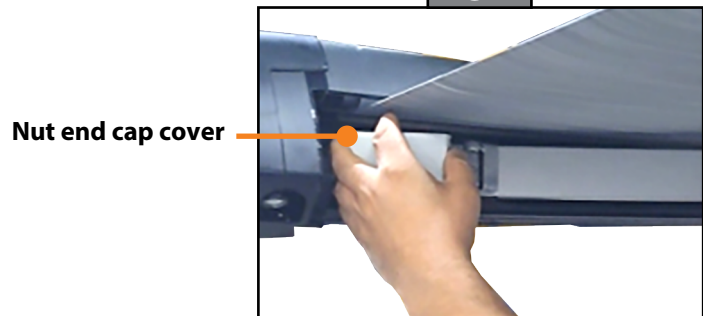
5. Remove the three screws on the inside of the inner end plate, and remove inner end plate (Fig. 5).

Fig. 5



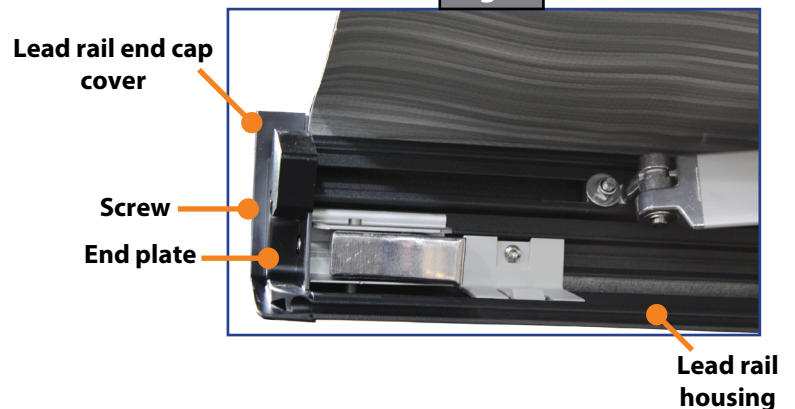
6. Remove the nut end cap cover that is over the two bolts (Fig. 6).

Fig. 6



7. Remove the screw on the back side of the end plate on the lead rail housing (Fig. 7).
8. Remove the lead rail end cap cover from the end plate (Fig. 7).

Fig. 7



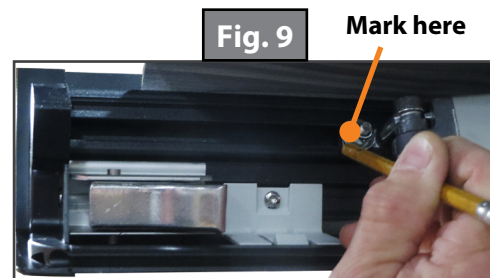
9. Mark the end of the Spring Arm on the case where the nuts are, with a pencil to ensure it's in the right position when the new Spring Arm is installed (Fig. 8).

Fig. 8

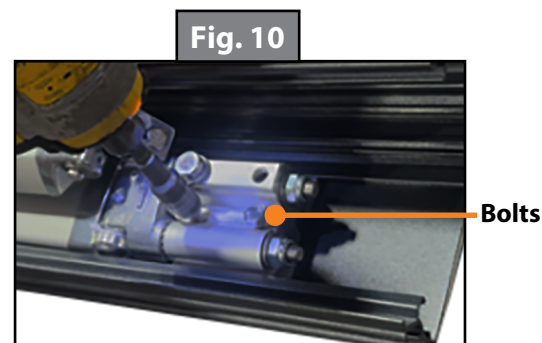


AWNING

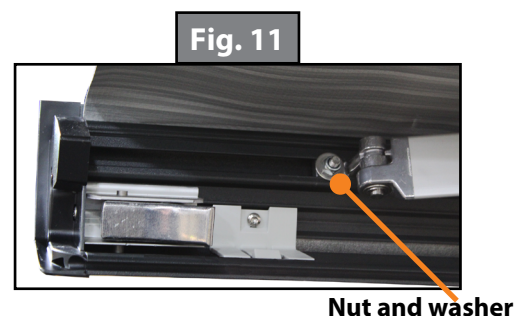
10. Mark the nut placement, with a pencil, on the lead rail housing (Fig. 9).



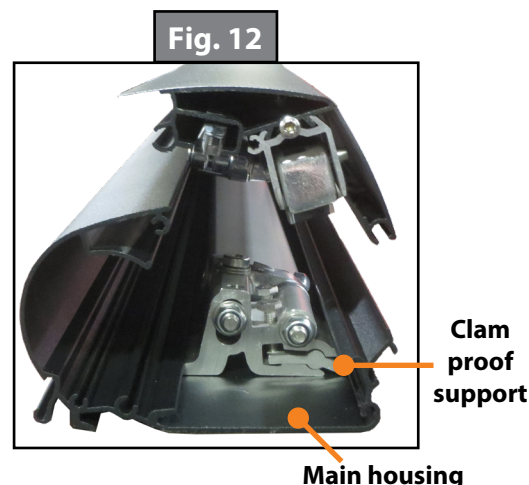
11. Loosen and remove the two bolts, facing you, on the Spring Arm in the main housing (Fig.10).



12. Loosen and remove the nut and washer on the lead rail housing (Fig. 11).

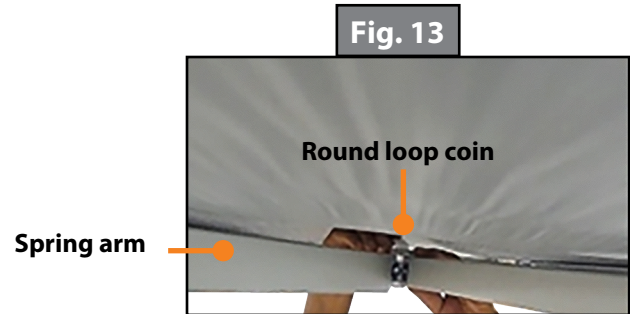


13. Slide the Spring Arm out of the main housing and the lead rail housing at the same time.
14. Slide the new Spring Arm into the main housing and lead rail housing at the same time.
15. Slide them in so that the edges of the nut and washer on the new Spring Arm on the lead rail housing, and the edge of the new Spring Arm main housing lines up with the previously marked pencil marks (Fig.8 and Fig. 9).
16. Make sure to insert the clam proof support into the main housing under the Spring Arm (Fig. 12). If not inserted, the Spring Arm will not stay in place.

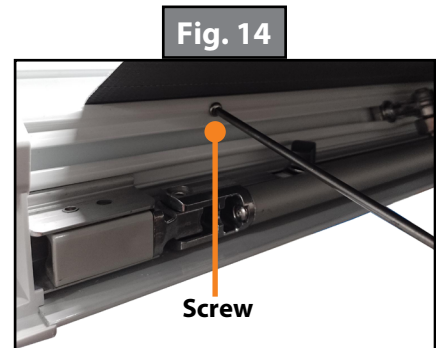


AWNING

17. Tighten down both of the bolts on the main housing and the nut on the lead rail housing (Fig.10 and Fig. 11).
18. Lift the inner end of the Spring Arm (towards the fabric) and apply a Round Loop Coin to protect the fabric (Fig. 13).



19. Fasten the screws of the fabric (Fig.14).



20. If applicable, adjust the Spring Arm to the correct height and pitch.
21. For height adjustment: Use a ½" (13mm) socket wrench (Fig.15A), tighten one or both of the nuts on the end (Fig.15B) of the Spring Arm.
22. For pitch adjustment: Use an Allen wrench to adjust the Allen head screw (Fig.15C).
23. Follow steps 18 through 20 until the following are accomplished (Fig.15):
 - A. Spring Arms MUST fold straight into the main housing.
 - B. Awning MUST be horizontally level and slope down when it is open.
 - C. Test Awning and adjust, if needed.
 - D. Main housing MUST close completely.
 - E. Lead rail MUST close straight into main housing.
24. Reverse steps 7 - 3 to replace the covers and end caps.
25. Run the awning in and then all the way out to ensure that it works correctly.

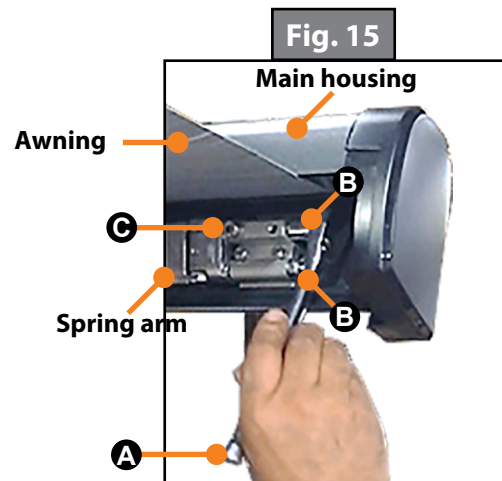


Fig.15

AWNING

Replacement Parts by Model Number

TO 4900	TO 5102	TO 5200	TO 8000	TRISTOR ²	TO 5003
1500602667 LH 2.6 m	1500602103 LH 2.6 m	1500603082 LH 1.9 m	1500602057 LH 3.5 m	1500602244 LH 3.0 m - 3.5 m	1500602074 LH 1.9 m
1500602668 RH 2.6 m	1500602104 LH 2.6 m	1500603086 RH 1.9 m	1500602058 RH 3.5 m	1500602246 RH 3.0 m - 3.5 m	1500602075 RH 1.9 m
1500602231 RH 3.0 m - 3.5 m		1500603087 RH 2.3 m	1500602060 RH ~ 4.0 m	1500602247 RH 4.0 m - 4.5 m	1500602077 RH 2.3 m
1500602232 RH 4.0 m - 4.5 m		1500603088 RH 2.6 m			1500602079 RH 2.6 m
		1500603085 LH ~ 3.0 m			1500602080 LH ~ 3.0 m
		1500603089 RH ~ 3.0 m			1500602081 RH ~ 3.0 m

As a supplier of a broad array of highly-engineered components in the recreation and transportation product markets, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at 432-LIPPERT (432-547-7378) or by email at customerservice@lci1.com.

Self-help tips, technical documents, product videos and a training class schedule are available at lippert.com or by downloading the LippertNOW app.