



Safety Recall: 22V512
July 2022

IMPORTANT SAFETY RECALL

«Dealer_name»
«Street»
«City», «State» «Zip»
Country (Only for Canada)

Dear Valued Dealer:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act. US only

Alliance RV has decided that a defect which relates to motor vehicle safety exits in some 2023 Alliance RVs. Units impacted are select Alliance RV Fifth Wheels (Paradigm, Valor).

Our records show the following unit(s) are affected by this recall and is currently part of the inventory at your Dealership. The Recall Remedy must be completed on this unit prior to being sold.

Vehicle Identification Number Listing: TBD

Reason for this recall:

Alliance RV was made aware that a number of awnings manufactured and distributed by Lippert Components were manufactured that the welded seam to the fabric to coach interface can separate causing the awning to come loose from the RV potentially causing property damage or personal injury.

What Alliance RV will do:

Alliance RV will reimburse authorized service providers to perform the necessary inspection and, if needed, repair of the fabric portion of these electric awnings. An inspection will take approximately .20hrs while a repair will take .30hrs and a full fabric replacement 1.5hrs.

What we need you to do:

Inspect the awning for the defect. If the defect exists action must be taken in repair or replacement. The instructions provided with this letter will guide you thru the appropriate action. A warranty claim can then be filed with Alliance RV.

Federal law requires that all units in your inventory be repaired prior to delivery to a customer. If you have sold a unit recently that you have received a stock recall notice on, please contact the owner immediately to advise of the recall. In addition, please register the unit by submitting the Warranty Registration information via the Alliance RV Dealer Portal (contact us at dealersupport@alliancerv.com if you need instructions on how to do so).

All pertinent information regarding this recall is available under the announcements section of our website. If you need further assistance, please Contact Alliance RV Customer Service at 574-226-0140 – Option 2 or dealersupport@alliancerv.com.

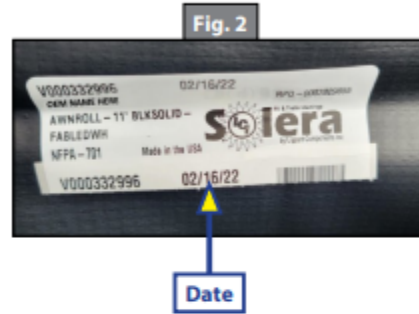
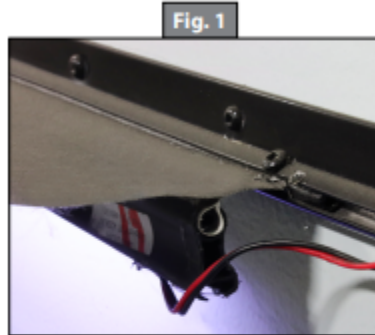
We certainly regret this inconvenience; however, our customer's safety is our most important priority.

Sincerely,
Alliance RV

Product Safety Notice

Purpose

The purpose of this document is to provide guidance, as well as visual aides, to dealers performing inspection on units that may have insufficient awning weld(s). The inspection point is at the awning fabric seam at the awning rail at the wall of the unit (Fig. 1). This only affects awnings manufactured January 17, 2022 – June 14, 2022. The date of manufacture can be located on the variant code label (Fig. 2) located on the awning.



Safety

This document provides general instructions. Many variables can change the circumstances of any procedure, i.e. the degree of difficulty involved in the service operation and the ability level of the individual performing the operation. This document cannot begin to plot out procedures for every possibility, but will provide the general instructions for effectively installing, removing or servicing the system. In the event the skill level required is too advanced or the procedure too difficult, a certified technician should be consulted before performing the necessary operation. Failure to correctly install, remove or service the system may result in voiding the warranty, inflicting injury or even death.

⚠ WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death, serious personal injury, severe product and/or property damage if not performed safely and within the parameters set forth in this document.

⚠ CAUTION

The "CAUTION" symbol above is a sign that a procedure has a safety risk involved and may cause personal injury, product and/or property damage if not performed safely and within the parameters set forth in this document.

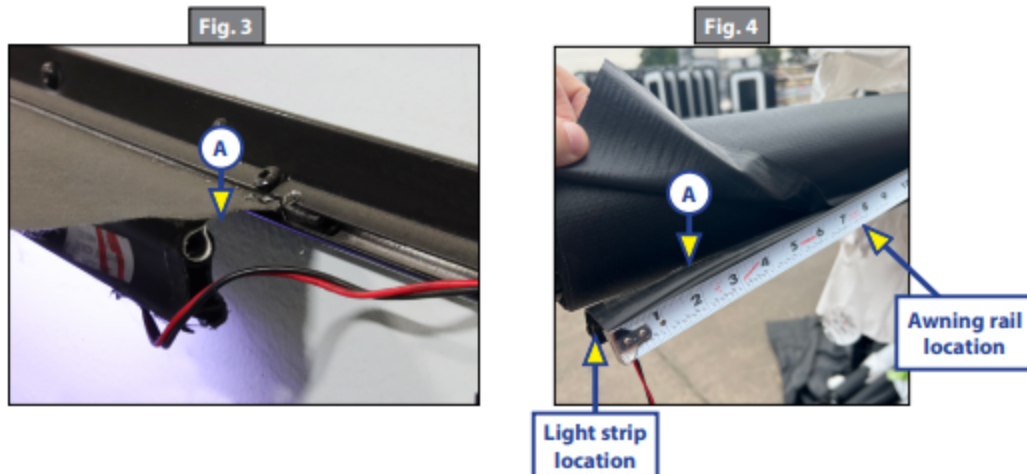
.20 hours inspection only .30 hours repair only
1.5 hours fabric replacement only

Resources Required

- Stepladder of adequate height to view top of awning assembly

Instructions

1. Position stepladder next to the unit to view the topside of the awning at the unit wall from either end (drive/idler side).
2. Inspect the weld near the awning rail (Fig. 3A).
 - A. Fig. 3 shows no separation at the seam. It does not require repair or replacement.
 - B. Fig. 3 shows separation at the seam (Fig. 4A).
 - I. If the separation is less than 6 inches, repair can be accomplished using the procedure described in [TI-434](#).
 - II. If the separation is over 6 inches it will require awning fabric replacement using the procedure described in [TI-166](#).



All inspections and repairs must be documented with the following information:

- Full unit information, including 17-digit VIN, Make/Model/Floorplan and Date of Manufacture
- Clear photo of the awning tag
- Photos documenting any weld separation concerns

Instructions: TI-434 and TI-166 on the following pages.

TI-434

Purpose

This document outlines repair procedures for the Awning Fabric Repair Kit PN 2022108227 (Fig. 1). The repair kit contains enough product for 10 - 15 awning repairs.

The repair kit covers three applications:

- Seam Separation - Awning Seam Repair Adhesive - PN 2022107896
- Scratch/Scuff Repair - Awning Color Pen - PN 2022107897
- Pinhole Repair - Vibra-TITE® Awning Pinhole Repair - PN [2021011778](#) (black) and [2021011776](#) (white)

Fig. 1



Safety

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⚠ WARNING

Repair compounds can be highly flammable. Do not use around open flame or other heat sources.

⚠ WARNING

Repair compounds may cause eye and skin irritation. May also cause drowsiness and dizziness. Use in a well-ventilated area as prolonged exposure to fumes can cause irritation to nose, mouth, throat and respiratory system. FOLLOW THE SAFETY PRECAUTIONS ON THE LABEL BEFORE USING THE REPAIR COMPOUNDS.

⚠ CAUTION

The "CAUTION" symbol above is a sign that a procedure has a safety risk involved and may cause personal injury, product and/or property damage if not performed safely and within the parameters set forth in this manual.

⚠ CAUTION

Always use personal protective equipment (PPE) such as gloves and eye protection when working with chemical compounds.

Seam Separation

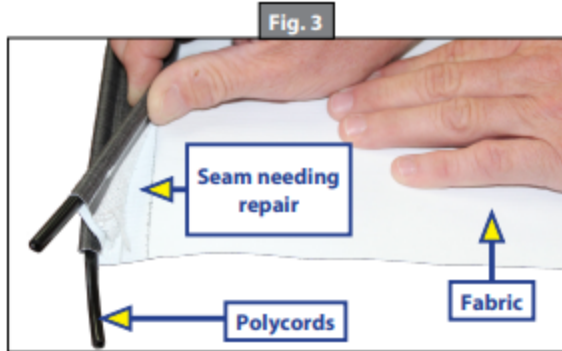
Resources Required

- Awning Seam Repair Adhesive PN 2022107896 (Fig. 2)
- Mild soap and water
- Ladder, if needed, to reach the awning rail or roll tube

Seam Separation Repair Procedure

NOTE: The repair procedure is optimal for 6 to 8" seam separations or less.

1. Extend the awning:
 - A. For a seam fix at the awning rail, extend the awning a few feet.
 - B. For a seam fix at the roll tube, extend the awning completely.
2. Tie both awning arms slightly back to gain some slack in the fabric.
3. Clean the area to be repaired with mild soap and water. Allow to dry completely.
4. Spread open the seam area needed repair and apply a continuous bead of Awning Seam Repair Adhesive PN 2022107896 along the entire separation (Fig. 4).
5. Press down firmly and hold for several minutes.
6. Allow to dry for at least four hours.



NOTE: Photo shows fabric off awning for clarity and upside down. The repair can be completed with the awning fabric installed.



TI-166

Purpose

This document outlines the removal and replacement of awning fabric.

Resources Required

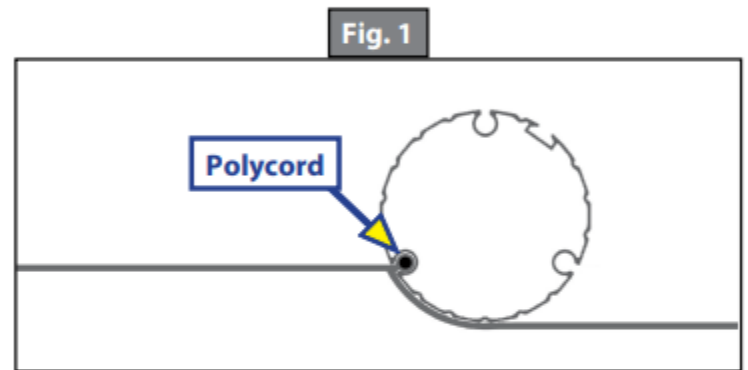
- 1 to 3 People
- Cordless or Electric Drill or Screw Gun
- Appropriate Drive Bits
- Zip Ties
- Two Cotter Pins (manual awning only)
- Non-Permanent Marker

Safety

⚠ CAUTION

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

NOTE: Previous awning versions had two (2) polycords and fabric stitching along the hem. The current awning model has one (1) polycord (see Fig. 1) and no fabric stitching. This should not be mistaken as defective.



Manual Awning Fabric Replacement

Removal

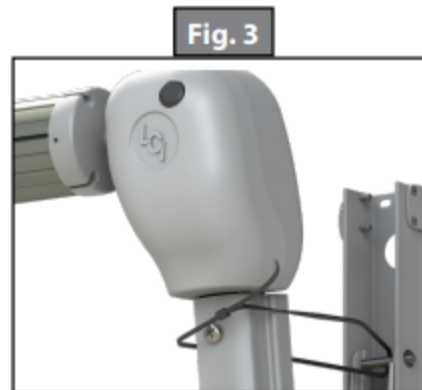
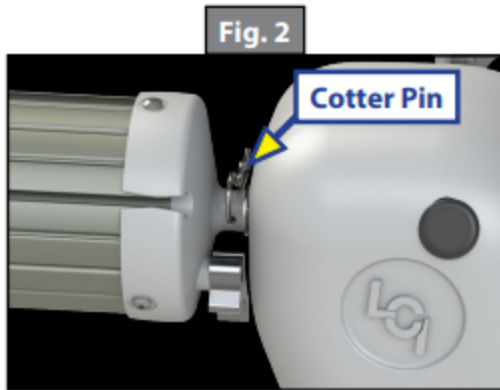
1. Remove the drip cap (if equipped) from the end of the awning from which the fabric will be removed.
2. Extend the awning out approximately 12" and insert cotter pins through both end caps into the shafts on the head assemblies (Fig. 2).

NOTE: If the awning is 6' in length it will only need one cotter pin for the drive side end cap.

3. Secure both support arm assemblies by running 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. 3).
4. Remove the screws holding the polycord in place on the awning rail.

⚠ WARNING

If not properly secured, the support arms can kick out due to pressure from the gas strut, which may result in serious injury or property damage.



5. Remove the drive head assembly and idler head assembly retaining bolts from the outer arms to separate the components.
6. Working together, remove the roll tube assembly (which includes the drive/idler head assemblies) from the awning rail and support arms by sliding the assembly along the awning rail until clear.
7. Secure the idler head and the roll tube to a work bench.

⚠ WARNING

Failure to support the roll tube, fabric and drive/idler head assemblies during removal may result in serious injury or property damage.

8. Hold the drive head assembly securely (there will be tension to be released) while another person removes the drive head assembly cotter pin.
9. While one person holds the roll tube, have another person slowly rotate the drive head assembly clockwise to release tension.

⚠ WARNING

Failure to maintain control of the roll tube, fabric and drive/idler head may result in serious injury or property damage.

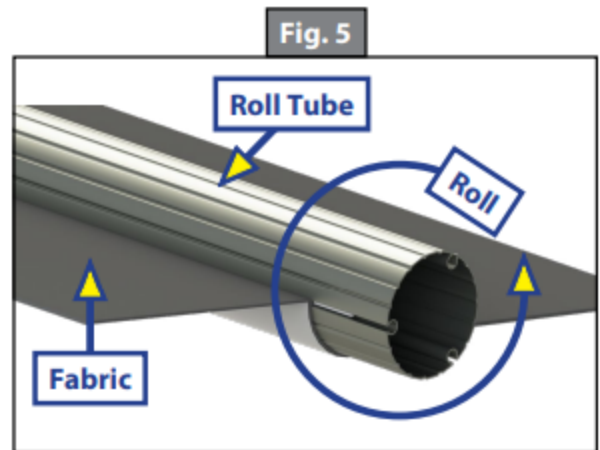
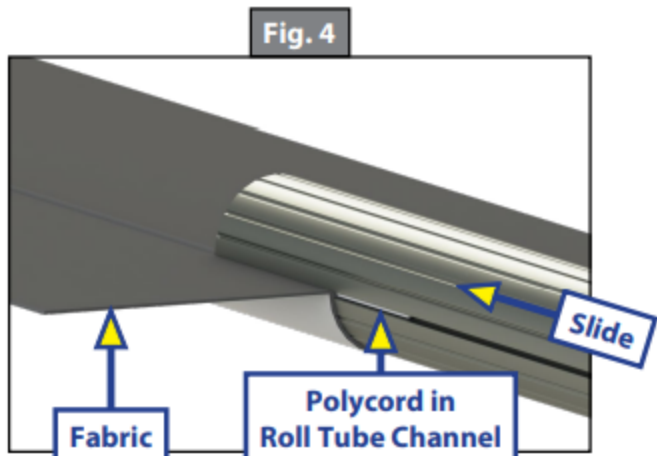
10. Mark the cam lock position on the roll tube with a non-permanent marker.
11. Remove the three screws holding the drive head assembly end cap on the roll tube and set the drive head assembly aside.

NOTE: Awnings longer than 6' will also have tension that needs to be released in the idler head assembly prior to continuing the procedure. To release tension, remove the idler head cotter pin and slowly rotate the idler head in a counterclockwise motion to release tension in the idler head assembly's spring.

12. Place the roll tube and fabric on a clean, level surface that is free of any debris able to scratch or damage the roll tube and/or fabric.
13. With one person holding the awning rail end of the fabric, another can rotate the roll tube to unroll the fabric until only the polycord is left on the roll tube.
14. Remove the screws holding the polycord in place on the roll tube.
15. Mark the roll tube groove containing the polycord with a non-permanent marker prior to removing the fabric from the roll tube.
16. To remove the fabric, gently pull the roll tube from the idler end, while another person holds the fabric in place.

Installation

1. Unroll the replacement fabric printed side down so that the polycord is parallel and away from the roll tube.
2. On a clean, level surface free of any debris able to scratch or damage the roll tube, gently slide the roll tube onto the polycord of the fabric, making sure that the non-printed side is touching the roll tube (Fig. 4).
3. Center the fabric on the roll tube.
4. Apply the screws that were holding the polycord in place on the roll tube. Install the screws no more than 1" from the edge of the fabric.



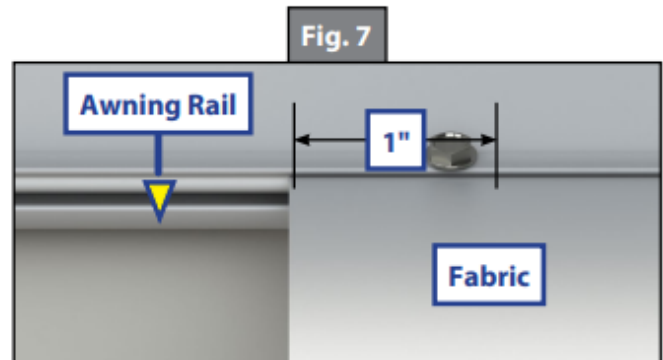
5. Roll the fabric onto the roll tube (Fig. 5). Make sure the fabric stays snug and flat to the roll tube with the printed side facing away.
 6. Using the three screws previously removed from the drive head assembly end cap, attach the drive head to the roll tube, making sure the orientation is the same.
- NOTE:** Be sure the drive head assembly with the cam lock is on the right-hand side of the awning.
7. Secure the idler head and roll tube to the work bench.
 8. Rotate the drive head assembly counterclockwise, proper turns according to the length of the awning (Fig. 6) and insert a cotter pin into the end cap into the shaft on the drive head assembly.

⚠️ WARNING

Failure to support the roll tube, fabric and drive/idler head assembly during installation may result in serious injury or property damage.

NOTE: If the awning is longer than 6' and the idler head assembly tension had previously been released, rotate the idler head assembly clockwise according to the length of the awning (Fig. 6) and insert a cotter pin into the end cap into the shaft on the idler head assembly. Be sure that both head assemblies are parallel once tension has been added.

9. Working together, install the roll tube assembly (which includes the drive/idler head assemblies) to the awning rail and support arms by sliding the assembly along the awning rail. Make sure the awning will unroll with the printed side of the fabric up.
10. Install the previously removed drive/idler head assembly retaining bolts into the outer arms to secure.
11. Remove the cotter pins from both end caps and cut the zip ties from the support arm assemblies.
12. Extend and retract the awning several times to ensure that the fabric is square on the roll tube.
13. Secure the fabric in the awning rail 1" inside the edge of the fabric on both ends using a #6 x 1/2" hex head screw. Install the screw down through the awning rail into the fabric and the polycord (Fig 7).
14. Reinstall the drip cap (if previously equipped).



Power and Hybrid Awning Fabric Replacement

Resources Required

- 1 to 3 People (depending on task)
- Cordless or Electric Drill or Screw Gun
- Appropriate Drive Bits
- Zip Ties

Removal

1. Remove the drip cap (if equipped) from the end from which the fabric will be removed.
2. Fully extend the awning.
3. Disconnect any fabric LED lights in the support arm assembly or remove the fabric LED light strip from the polycord of the fabric.
4. Retract the awning until approximately 12" remain visible.
5. Secure both support arm assemblies by running 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. 8).
6. Remove the screws holding the polycord in place on the awning rail.
7. Remove the wax screws holding the end caps onto the drive and idler head shafts (Fig. 9).
8. Working together, remove the roll tube and fabric from the awning rail and support arm assemblies.
9. Place the roll tube and fabric on a clean, level surface that is free of any debris able to scratch or damage the roll tube and/or fabric.

Fig. 8



Fig. 9



⚠ WARNING

Failure to support the roll tube, fabric and drive/idler head assembly during installation may result in serious injury or property damage.

10. Remove the end cap from the end of the roll tube from which the fabric will be removed.
11. With one person holding the end of the fabric that gets attached to the awning rail on the unit, another can rotate the roll tube to unroll the fabric until only the polycord is left on the roll tube.
12. Remove the screws holding the polycord in place on the roll tube.
13. To remove the fabric, gently pull the roll tube from one end, while another person holds the fabric in place.

Installation

1. Unroll the replacement fabric so that the cords are parallel with the roll tube.
2. On a clean, level surface free of any debris able to scratch or damage the roll tube, gently slide the roll tube onto the polycord of the fabric, making sure that the non-printed side is touching the roll tube (Fig. 10).
3. Center the fabric on the roll tube.
4. Install the screws that were holding the polycord in place on the roll tube. Install the screws no more than 1" from the edge of the fabric.
5. Roll the fabric onto the roll tube (Fig. 11). Make sure the fabric stays snug and flat to the roll tube with the printed side facing away.

Fig. 10

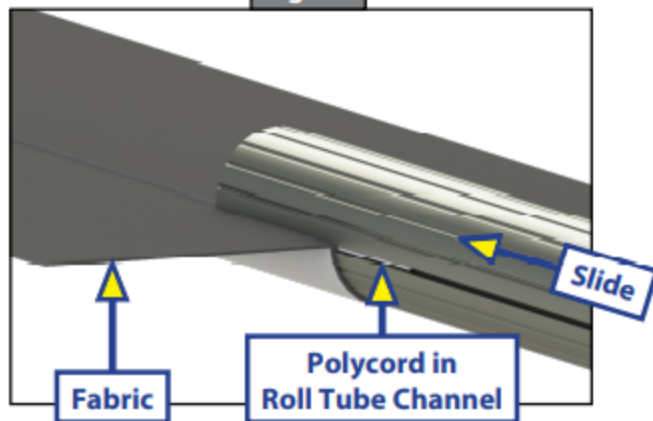
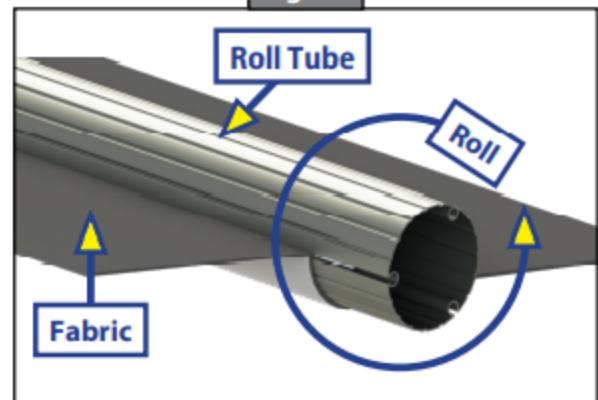


Fig. 11



6. Reinstall the end cap previously removed.
7. Working together, install the roll tube and fabric on the awning rail and support arms, making sure the awning will unroll with the printed side of the fabric up.

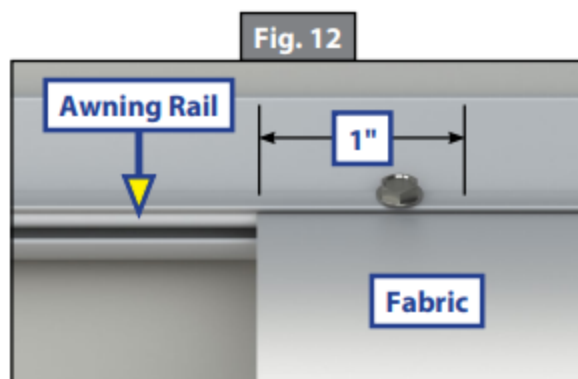
⚠ WARNING

Failure to support the roll tube, fabric and drive/idler head assembly during installation may result in serious injury or property damage.

8. Working together, slide the shaft on the head assembly into the end cap. Install the wax screws at each end to secure the roll tube end caps to the head assemblies.

NOTE: It is suggested to keep the head of the wax screw $\frac{1}{8}$ " from fastened so as not to compromise the structural integrity of the wax screw.

9. Extend and retract the awning several times to ensure that the fabric is square on the roll tube.
10. Secure the fabric in the awning rail no more than 1" inside the edge of the fabric on both ends using a #6 x $\frac{1}{2}$ " hex head screw. Install the screw down through the awning rail into the fabric and the polycord (Fig. 12).



11. Reinstall the drip cap (if previously equipped).
12. Reconnect any light wiring as needed.

NOTE: The fabric LED light strip will need to be installed on the polycord of the fabric prior to connecting any wiring previously removed.

