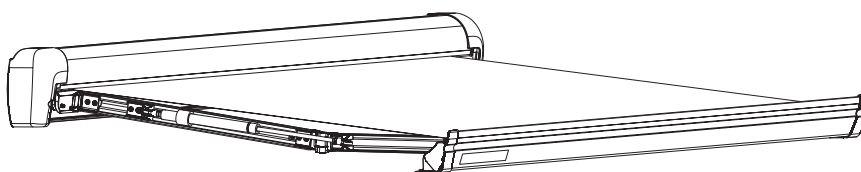


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Assistance Call:**
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⚠ WARNING

This manual must be read and understood before installation, adjustment, service, or maintenance is performed. This unit must be installed by a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

⚠ AVERTISSEMENT

Lire et comprendre ce manuel avant de procéder à l'installation, à des réglages, de l'entretien ou des réparations. L'installation de cet appareil doit être effectuée par un réparateur qualifié. Toute modification de cet appareil peut être extrêmement dangereuse et entraîner des blessures ou dommages matériels.

SERVICE INSTRUCTIONS

MODEL
975XXXX.X00(#)
976XXXX.X00(#)
Series

Safety Instructions

This manual has safety information and instructions to help users eliminate or reduce the risk of accidents and injuries.

Recognize Safety Information



This is the safety-alert symbol. When you see this symbol in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating instructions.

Understand Signal Words

A signal word, **WARNING** OR **CAUTION** is used with the safety-alert symbol. They give the level of risk for potential injury.

WARNING indicates potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION used without the safety alert symbol indicates, a potentially hazardous situation which, if not avoided, may result in property damage.

Read and follow all safety information and instructions.

GENERAL INFORMATION

WARNING

These instructions must be read and understood before installation of this kit. This kit must be installed by a Dometic Service Center or a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

Important: Read all of the following steps before beginning installation.

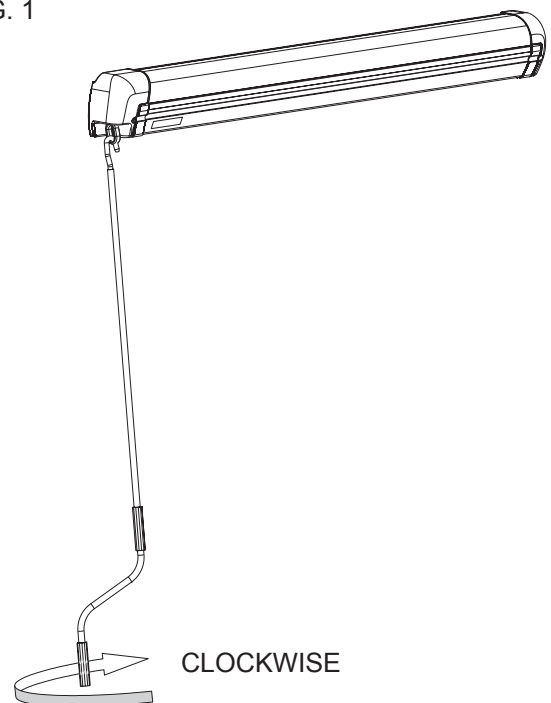
The Dometic Corporation reserves the right to modify appearances and specifications without notice.

Important: These installations must be installed by a qualified person.

A. Lead Rail Replacement

1. Open the awning.
 - a. For model series 976 awnings, using the manual crank, turn the roller tube clockwise. Extend the canopy 1 foot from coach. See Fig. 1.
 - b. For model series 975 awnings, using the switch, extend the canopy 1 foot from coach.

FIG. 1



⚠ WARNING

Lateral arms under spring tension are dangerous. Use extreme care. If not controlled the arms will extend quickly. Keep hands and clothing clear of awning arms, as personal injury may result.

2. Tie down arms with safety straps to prevent arms from springing forward during lead rail replacement. Fig. 4
3. Use a square bit drive to remove the caps from both ends of the lead rail. Save to reinstall on the new lead rail. Fig. 2.
4. Remove the TEK screw that holds the fabric in the lead rail. Fig. 2.
5. The next steps require two persons. Loosen the hex nuts holding the wrist brackets to the lead rail. Once loose, one person slides the lead rail off the arms and fabric, while the other holds the arms and fabric tight. Fig. 2 and 3.

FIG. 2

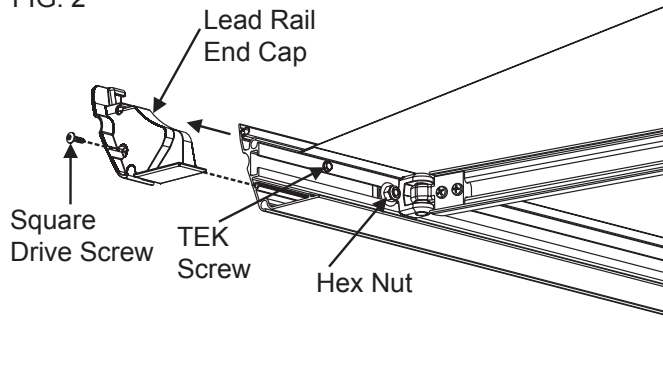
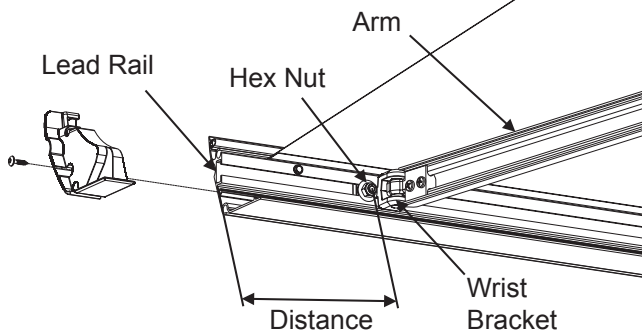


FIG. 3



6. Replace the lead rail in reverse of steps 4 and 5.
7. When the fabric and lateral arms are in place check alignment of the lead rail as follows:
 - a. Location of arm wrist from the end of the lead rail: For an 48 inch awning, adjust arms 4 - 5/8 inches from the end of the lead rail. For a 56 inch awning, position arms 5 - 1/2 inches from the end of the lead rail. Measure the distance from the end of lead rail to the hex nut center. Fig. 3.
 - b. Extend the fabric completely. Retract awning while checking for alignment. If awning is out of alignment. Loosen arm wrist and slightly shift position until awning alignment is achieved.
8. Replace TEK screw removed in step 4 and the end caps removed in step 3.

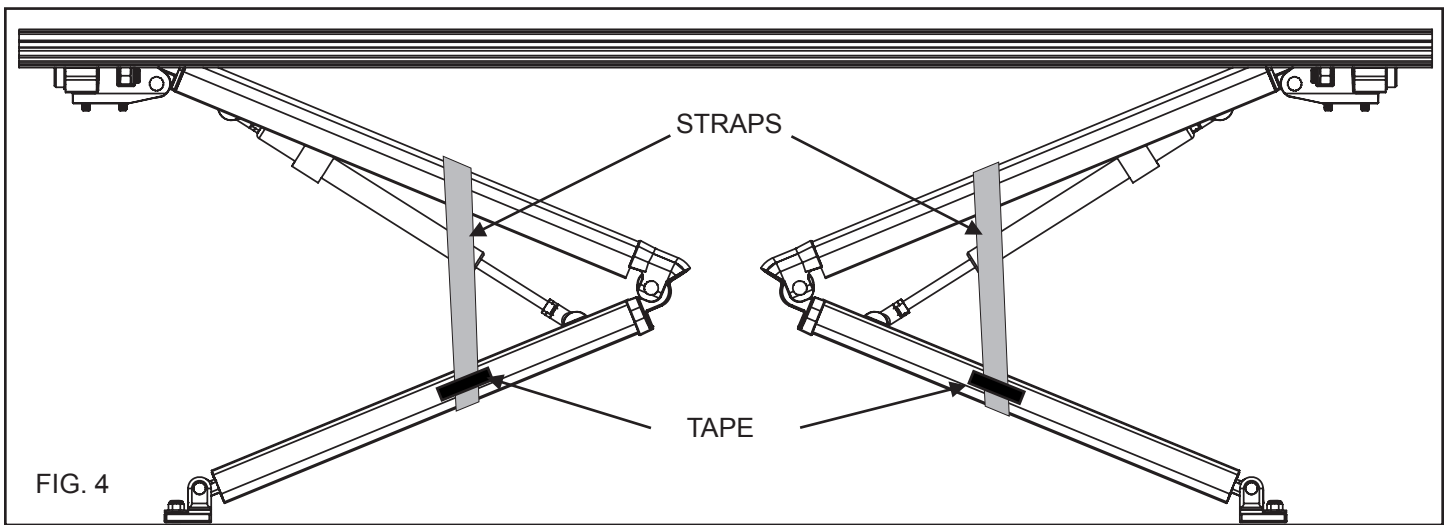
B. Lateral Arm Replacement

1. Open the awning.
 - a. For model series 976 awnings, using the manual crank, turn the roller tube clockwise. To extend the canopy 1 foot from coach. See Fig. 1.
 - b. For model series 975 awnings, using the switch, extend the canopy 1 foot from coach.
2. Tie down arms with safety straps to prevent arms from springing forward during lateral arm replacement. Fig. 4.
3. Secure each lateral arm to prevent from extending rapidly.

Note: A strap, rope, belt or nylon banding making a 8 inch loop can be slipped over the end of the lateral arm elbow until it is snug. Place a piece of tape across the loop material to prevent it from sliding off the lateral arm. See Fig. 4.

⚠ WARNING

Lateral arms under spring tension are dangerous. Use extreme care. If not controlled the arms will extend quickly. Keep hands and clothing clear of awning arms, as personal injury may result.



4. Use a square bit drive to remove the caps from both end of the lead rail, Save to reinstall on the lead rail. Fig. 2.
5. Remove the TEK screw that holds the fabric in the lead rail. Fig. 2.
6. The next steps require two persons. Loosen the hex nuts holding the wrist bracket to the lead rail. Once loose, one person slides the lead rail off the arms and fabric, while the other holds the arms and fabric tight. Fig. 3

7. After removing the lead rail. Remove the decorative end caps. Be careful not to damage or break engagement tabs. Save to reinstall on case and backcover. Fig. 5 and 6.
8. Remove end bracket. On the left hand side opposite the crank or motor, remove the lock ring. Use a square bit drive to remove the three screws securing the end bracket to the back channel and top cover. Fig. 7, 8, and 9.

Note: Remove one arm at a time do not remove both end brackets at the same time unless a second person is holding the roller tube from falling.

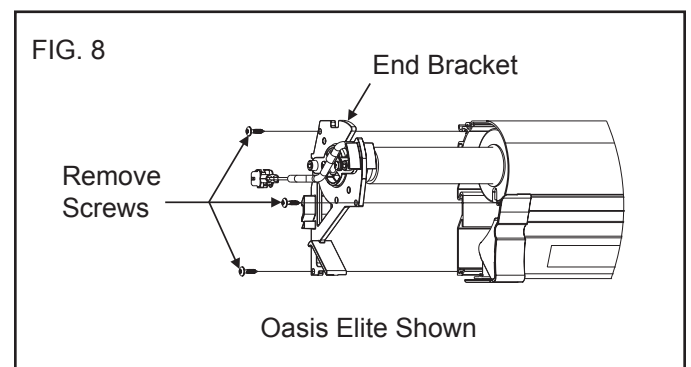
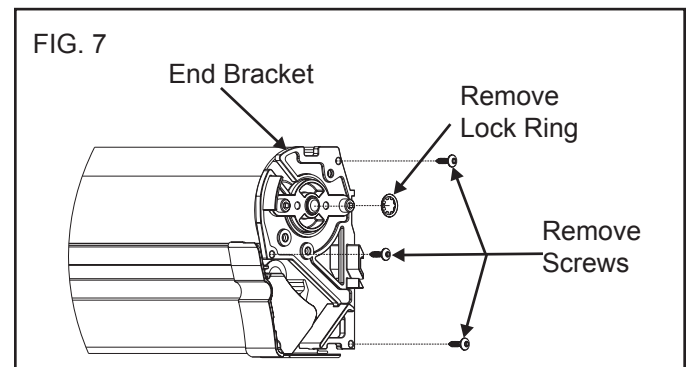
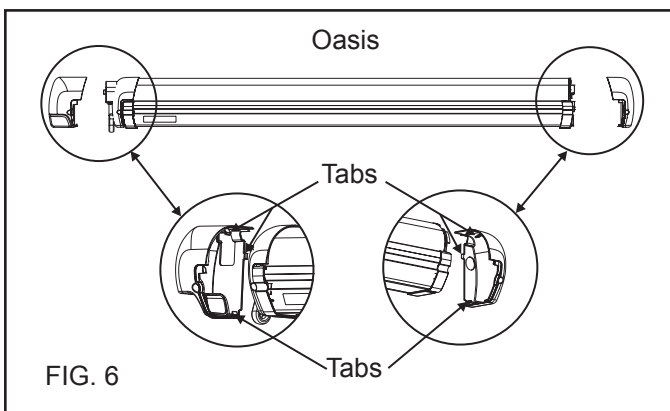
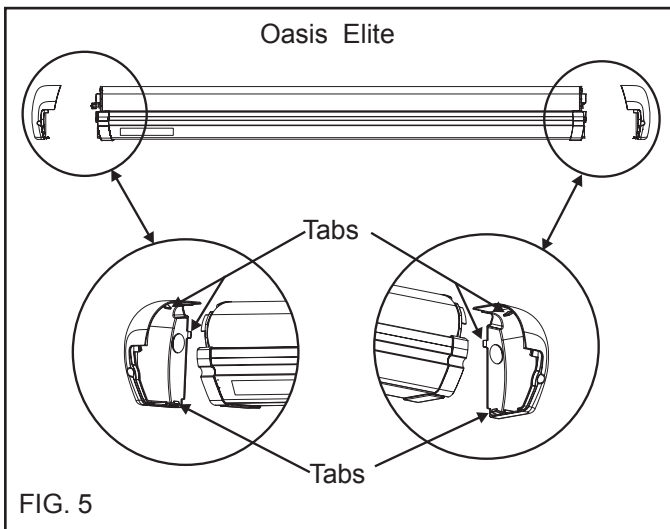
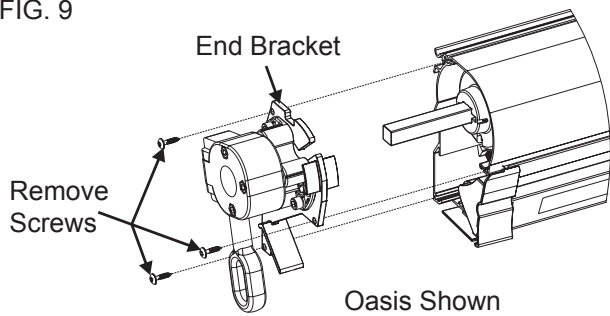
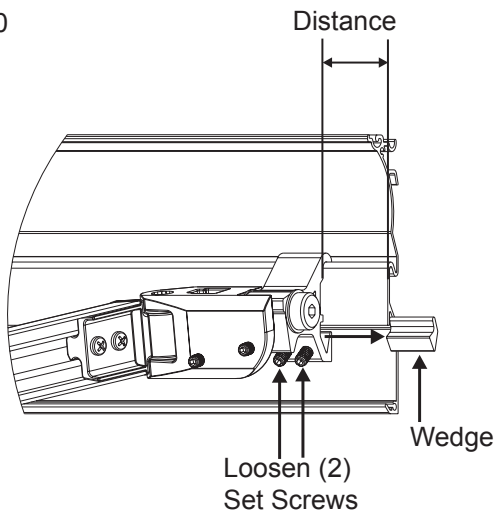


FIG. 9



9. After removing end bracket. Back out (2) set screws located on the arm shoulder bracket and remove the wedge located in between the arm shoulder and back channel. Slide the arm off the back channel. Fig. 10.
10. Repeat steps 9 in reverse to install new arms.
11. Replace end bracket. Use a square bit drive to replace the three screws securing the end bracket to the back cover and top cover. Install new lock ring.
12. Repeat steps 9-11 to replace other arm.
13. Arm Location:
 - a. Location of arm shoulder from the end of back channel: For a 48 inch awning, position shoulder bracket 1 ½ inches from the end of the back channel. For a 56 inch awning, position shoulder bracket 1 ½ inches from the end of the back channel. Measure the distance from the ends of back channel to the shoulder bracket nearest wall. Fig. 10.

FIG. 10



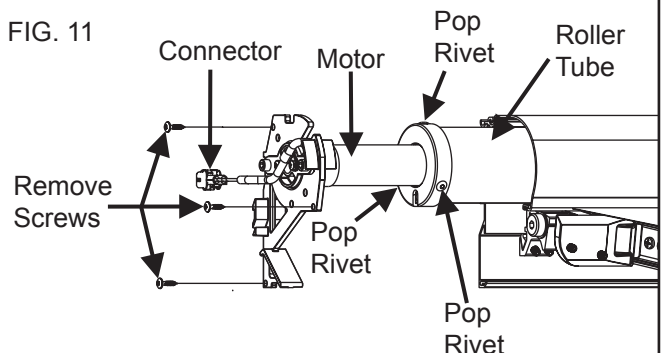
14. Replace the lead rail in reverse of steps 7 and 8.
15. Make sure safety straps are removed.

16. When the fabric and lateral arms are in place check alignment of the lead rail as follows:
 - a. Location of arm wrist from the end of the lead rail: For an 48 inch awning, adjust arms 4 - 5/8 inches from the end of the lead rail. For a 56 inch awning, position arms 5 - 1/2 inches from the end of the lead rail. Measure the distance from the ends of lead rail to the hex nut center. Fig. 3.
 - b. Extend the fabric completely. Retract awning while checking for alignment. If awning is out of alignment. Loosen arm wrist and slightly shift position until awning alignment is achieved.
17. Replace TEK screw removed in step 5 and the end caps removed in step 4. Fig. 2.

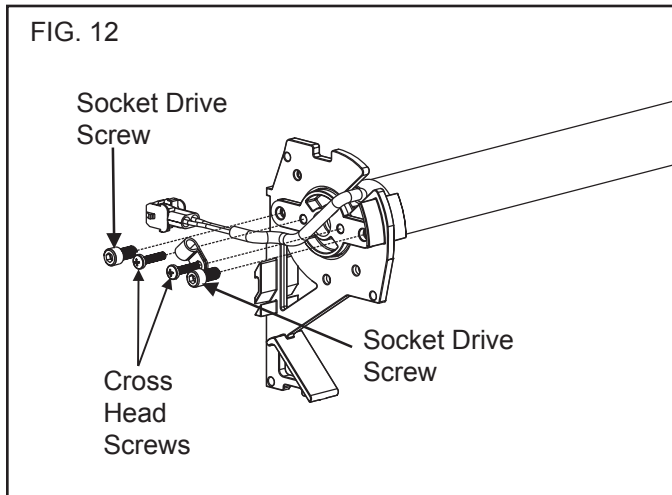
C. Drive Replacement

1. Extend the canopy 1 foot from coach. Fig. 1
2. Secure each arm with safety straps. See section B Lateral Arm Replacement. Fig. 4.
3. Remove the decorative end caps. Be careful not to damage or break engagement tabs. Save to reinstall on case and backcover. Fig. 5 and 6.
4. Motor drive removal.
 - a. Disconnect electricity by unplugging connector. See figure 11.
 - b. On motor side, remove the end bracket with the motor assembly attached. On the round shaft side opposite of the motor, remove the lock ring only. Use a square bit drive to remove the three screws securing the end bracket to the back channel and top cover. Pull out motor assembly a few inches to expose roller tube. Fig. 11
 - c. Drill out and remove pop rivets (3) from roller tube cap. See figure 11.

FIG. 11



- d. Take motor assembly out of roller tube and set on work area to unscrew the two socket head capscrews and two cross head screws. See figure 12.



- e. Replace the motor and reinstall using steps 4a - 4c in reverse order. When inserting the motor back in roller tube make sure that the "Y" section of the gear is positioned with the roller tube slot in the center and align the motor sleeve notch with the roller tube cap notch. See figure 13 and 14.
- f. Plug in the connector and check connection by extending and retracting the awning a few inches. If it does not react, check the connector for a firm connection.
- g. Install the decorative end caps.

Note: Install new lock ring.

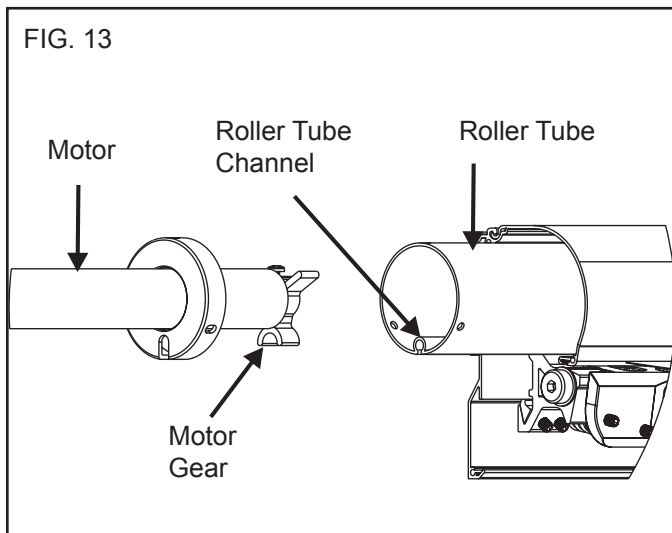
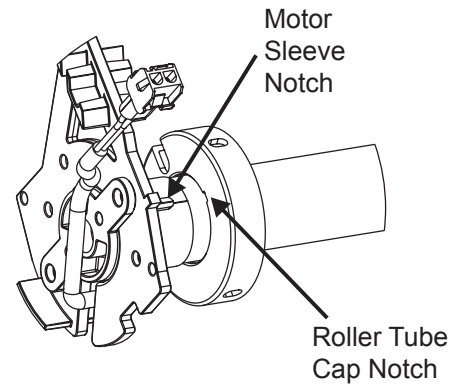
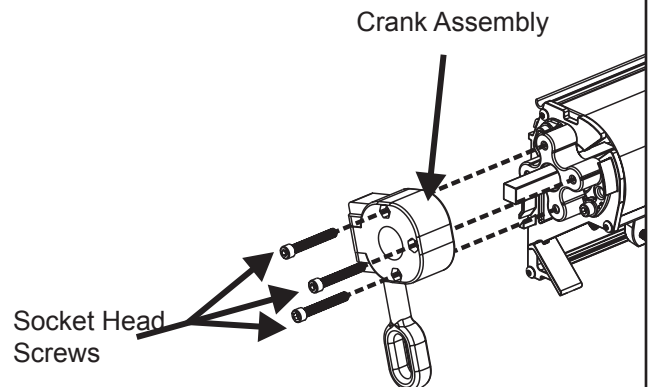


FIG. 14



5. Crank drive replacement.
- Remove the (3) socket head capscrews and retract the crank assembly away from the end bracket. See figure 15.
 - Replace crank assembly and reinstall with the socket head screws. Fig. 15

FIG. 15



D. End Bracket Replacement

- Extend the canopy 1 foot from coach. Fig. 1
- Remove the decorative end caps. Be careful not to damage or break engagement tabs. Save to reinstall on the new lead rail. Fig. 5 and 6.
- Removing the end bracket.
 - Use a square bit drive to remove the three screws securing the end bracket to the back channel and top cover on the none drive side. Then remove the lock ring. Fig. 7
 - On the motor drive side unplug the connector. Then use a square bit drive to remove the three screws securing the end bracket to the back channel and top cover. Using a cross and a socket drive remove the additional 4 screws. See figures 8, and 12.
 - For the crank drive side use a square bit

drive to remove the three screws securing the end bracket to the back channel and top cover. Using a socket drive remove the additional 4 screws. See figures 9,

4. Remove the lock ring. Fig. 7.

Note: Do not remove both end brackets at the same time unless a second person is holding the roller tube from falling.

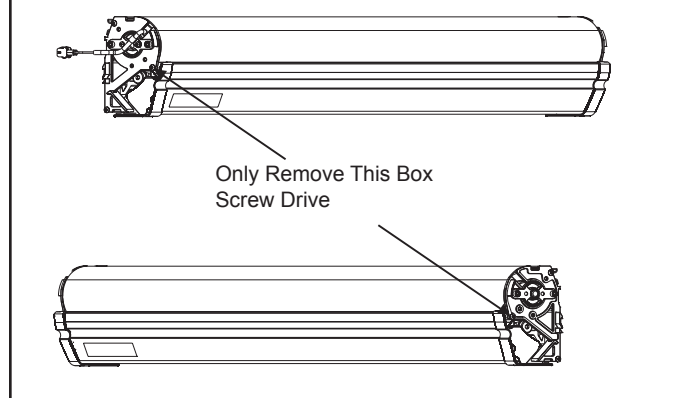
5. Replace lock ring. Replace end bracket in reverse of steps 2, 3, and 4.

E. Top Cover Replacement

1. Extend the canopy 1 foot from coach. Fig. 1
2. Remove the decorative end caps. Be careful not to damage or break engagement tabs. Save to reinstall on the new lead rail. Fig. 5 and 6.
3. Remove **only two screws** that hold the end brackets to the top cover bracket on both ends. Use a square bit drive to remove the two screws (one per side). Fig. 16.

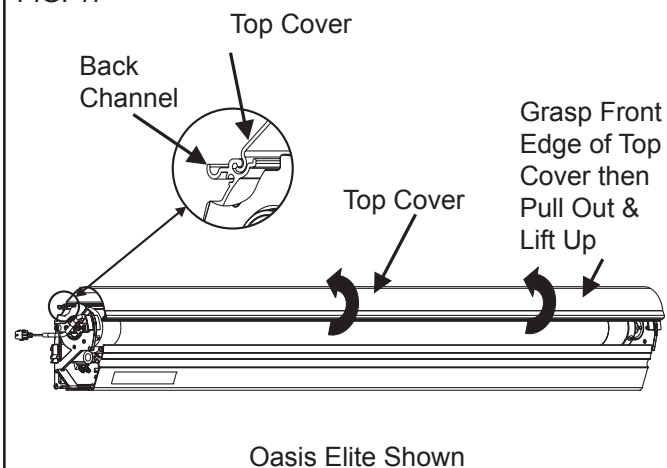
Note: Two persons are required to make this repair. Caution must be exercised as removal of the top cover requires lifting to unhinge, while standing on a step ladder. The force required to lift the top cover may cause the shifting of the step ladder and cause the service person to fall. Repairs should be made in a location where step ladder can be placed on a firm surface (concrete location).

FIG. 16



4. Swing the top cover back towards the coach until it can be lifted out of the hinge. Fig. 17.

FIG. 17



5. Lay old cover out of the way. Compare new cover with the old for length.
6. The top cover should be held at about 45 degrees while the flange is inserted into the hinge of the rear cover. Make sure it is on the hinge the full length of the awning.
7. When the top cover is in position align the hole on the top cover to the end brackets and replace square drive screws. Fig. 16.
8. Visually check the top cover to make certain it is in the hinge the full length of the awning. Fig. 17.
9. Remove safety straps from the arms.
10. Extend the fabric 1-2 feet. Recheck top cover to be sure it is still locked and the hinge is in place.
11. Close the fabric completely and once again visually recheck the hinge and lock.
12. Reinstall decorative end caps.