

HORIZON

INSTALLATION AND ALIGNMENT OF REPLACEMENT BRACKET KIT 3309798.001

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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

979(XX)08.065
979(XX)10.065
979(XX)12.065
979(XX)13.065
979(XX)15.065
979(XX)16.065
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 a 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 When 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 INSTRUCTIONS

⚠ 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.

The replacement of the spring rafter must be done by a qualified service technician. Care must be taken, when replacing spring rafter. Rafters are under spring tension, and will extend quickly.

⚠ WARNING

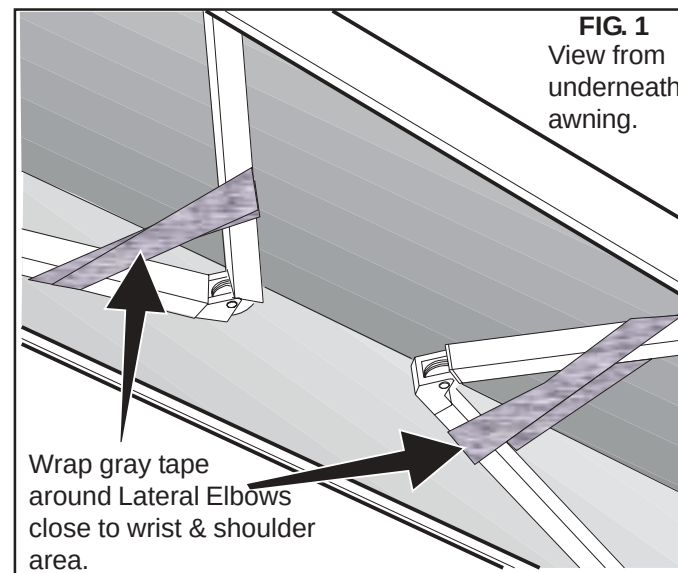
Use extreme care. Rafters under spring tension are dangerous. If not controlled, they will extend quickly. Keep hands and clothing clear of arms as personal injury may result.

A. SPRING RAFTER REMOVAL

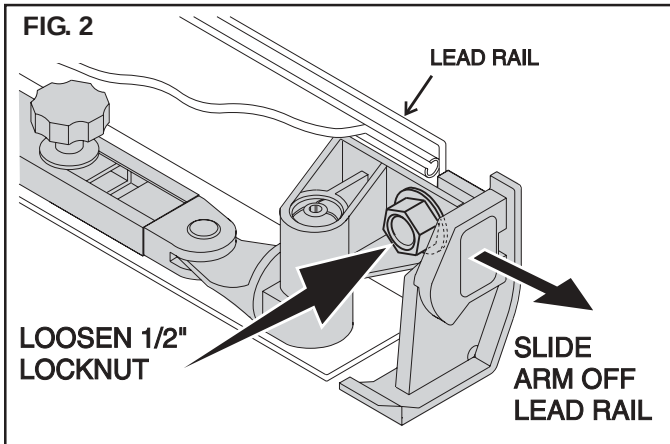
1. The spring rafters must be secured with duct tape before they can be safely removed from the lead rail. Extend the awning 18-20 inches. See FIG. 1

Note: Replace one spring rafter at one time. Do not replace both at the same.

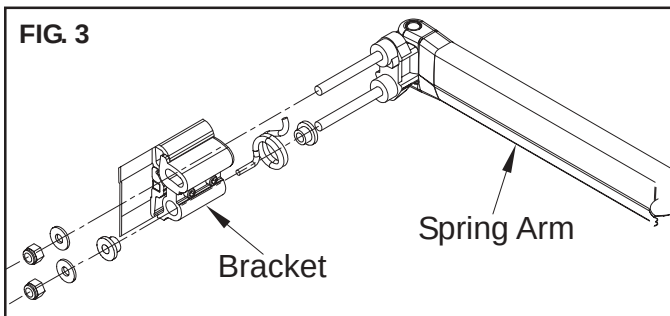
2. Wrap gray tape around the rafter elbows to prevent them from extending. See FIG. 1



3. Mark position of the spring arm bracket at both the lead rail & back cover. Loosen the 1/2" locknut holding the ground pole mounting bracket to the lead rail. Slide the ground pole off lead rail. See FIG. 2
4. Loosen the spring rafter bracket in the lead rail so that it can slide out of the lead rail. Do not slide out at this time.



5. Refer to figure 3. Remove the two nuts that fasten the spring arm to the bracket. Once nuts and washers are removed nudge the arm away from the bracket to separate them.



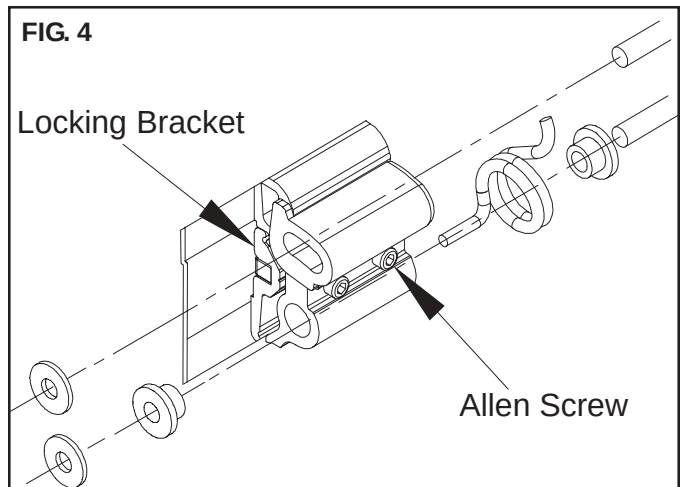
6. Slide other end of spring arm out of the lead rail. This will result in a detached spring arm. Use a step ladder to support the end of the lead rail after the spring rafter is removed. This same procedure is used for the opposite side.

Note: The position of the spring before disassembly.

7. Mark the position of the bracket before removing it. Using an allen wrench, remove the 2 screws that locks the bracket in the back cover. Slide the bracket as far as it will side away from the center.

Note: make certain the lock bracket is no longer directly behind bracket.

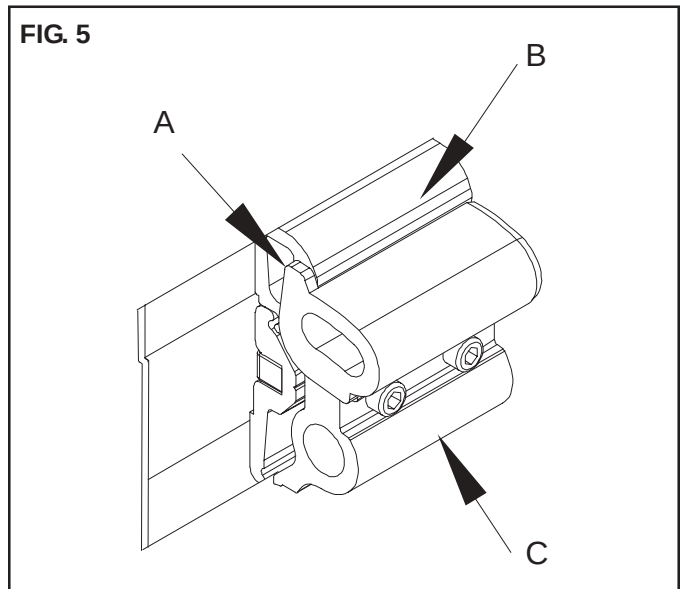
8. Using a large screw driver wedge it at the bottom of the bracket and pry upward until it is released. See FIG. 4.



B. REPLACING BRACKET IN CASING

1. Place the bracket with the lip "A" under the back cover lip "B" as shown in figure 5. The with a rubber mallet stike the bracket in the lower part "C" as shown in figure 5. It should snap in place and appear loose.

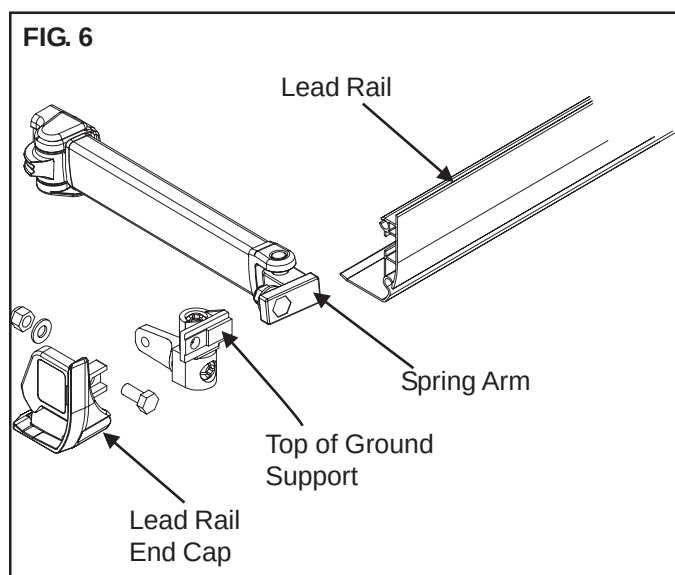
Note: The bracket should not go beyond the second lip, used for the locking bracket.



2. Slide the locking bracket behind the bracket and match up the screw holes. Insert the screws to hold the lock bracket in place. Slide the bracket assembly over to the marked position and tighten the screws fastening the bracket to the back cover.

C. REPLACING SPRING ARMS

1. Holding the spring arm level to the ground slide in the two bolts into the bracket and position the spring before completely sliding the bolts through the bracket. By lifting the spring arm (side closer to the lead rail) 10-30 degree will allow leverage to set spring in the correct position (see figure 4 and/or opposite spring arm).
2. Screw the washers & nylon nuts and secure the spring arm to the bracket. The nuts should allow a snug movement along the shock absorber slot. See figure 3 for a reference.
3. Slide the front spring arm bracket into the lead rail up to the originally marked position. Then follow it with the ground pole support and lead rail cap as shown in figure 6. Reference figure 2.



D. FABRIC ALIGNMENT

1. The squareness of the fabric is necessary to close the case completely. If the brackets were marked before removal, then the fabric should align.
2. If the case does not completely close check the distances referenced in section E of this document. Open and close case several times to make sure it completely closes.

Note: When awning is aligned, elbows are in parallel to coach wall throughout extension/retraction.

3. It maybe necessary to adjust the distances of the brackets more than one time to align the fabric.

E. BRACKET SPACING

Note: Spring arms must be aligned with each other before the Horizon awning will open and close properly.

1. Position the spring rafter in the lead rail according to the distance listed in the chart. See FIG. 7

FIG. 7

Awning Model	Distance to Set Bkt.
979XX08.XXX	8-1/8"
979XX10.XXX	8-1/8"
979XX12.XXX	17-9/16"
979XX13.XXX	19-7/16"
979XX15.XXX	19-7/16"
979XX16.XXX	19-7/16"

2. Position the spring rafter in the back cover rail according to the distance listed in the chart. See FIG. 8 and 9.

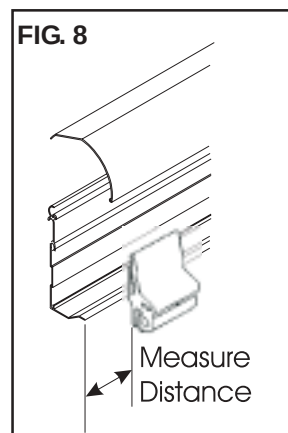


FIG. 9

Awning Model	Distance to Bracket
979XX08.XXX	11/16"
979XX10.XXX	11/16"
979XX12.XXX	10-1/4"
979XX13.XXX	12-3/16"
979XX15.XXX	12-3/16"
979XX16.XXX	12-3/16"