

3309401.002 Tension Rafter Conversion Kit For 979 Series Horizon Box Awning

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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

**3309401.002
Tension Rafter
Conversion Kit**

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.

TOOLS REQUIRED:

Electric Drill	Tape Measure
3/16" Drill Bit	Screw Driver (Phillips)
Pop Rivet Tool	

3309401.002 KIT CONTAINS:

- | | | |
|----|-------------|---------------------------------------|
| 1) | 3309403.008 | Rafter Bracket Lead Rail |
| 1) | 3309402.000 | Rafter Bracket Awning Case |
| 1) | 308171.006 | Pop Rivets 3/16" x 1/4" |
| 1) | 3105034.007 | Tension Rafter |
| 1) | 3309404.006 | Instructions, Tension Rafter |
| 1) | 3308926.009 | Installation & Operating Instructions |

This kit will allow the 979 Series Box Awning to be converted from the round spring loaded tension rafter to the rectangular tension rafter with an adjustable knob. The installer must follow the procedure outlined in these instructions to successfully complete the conversion.

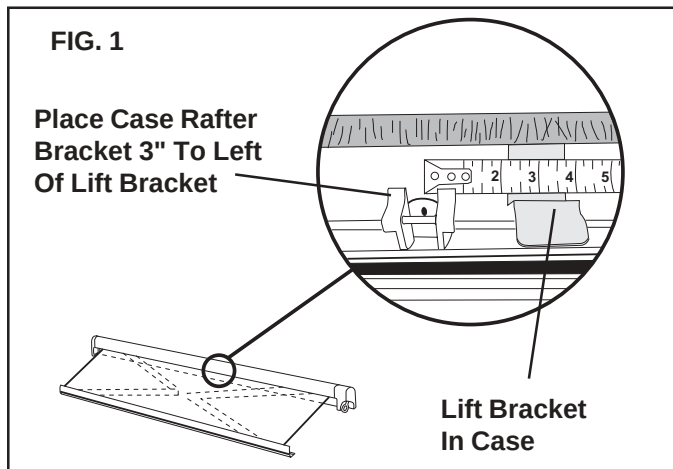
Read and understand the instructions before attempting to install the conversion kit. Two persons are required to perform some steps.

Important: The Awning must be removed from the coach before conversion kit can be installed. Refer to the enclosed installation instructions.

INSTALLATION INSTRUCTIONS

A. Installing Awning Case Bracket

1. Lay the awning case on its back.
2. Extend the fabric out of the case 15" to 18".
3. Place the case rafter bracket 3" (center to center) to the **left** of the lead rail lift bracket in awning case. See FIG. 1.

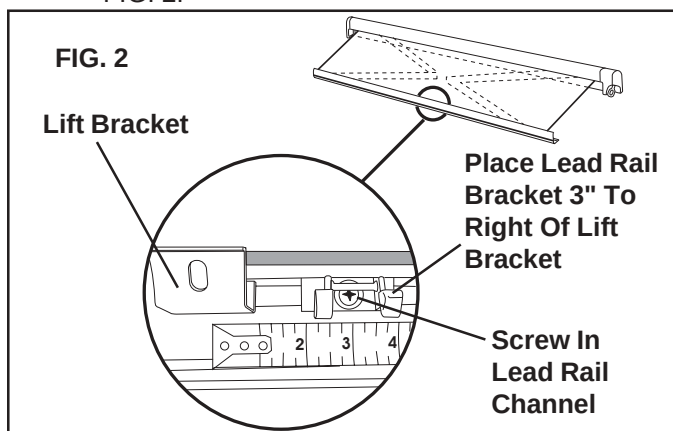


Note: The tension rafter case bracket must be installed to the **left** side of the lead rail lift bracket. If placed on the right, it will not align with the bracket in the lead rail.

4. Use the case bracket as a template and drill a 3/16" hole through the back of the awning case.
5. Rotate the awning on until it is its laying on the top with the rafters visible. Insert a 3/16" x 1/4" pop rivet through the back of the awning case and the tension rafter case bracket. Use the pop rivet tool to crimp the bracket into the case.
6. Retract the fabric back into the awning case.
7. Install awning per the enclosed installation instructions.

B. Installing Lead Rail Bracket

1. Open the canopy after the awning has been reinstalled on the coach.
2. Locate the screw used to keep the round tension rafter in the correct location. It will be to the right of the lead rail lift bracket (when viewed from under the fabric looking out with the RV to your back). See FIG. 2.



3. Remove the screw, leaving the nut and retainer in the channel of the lead rail. See FIG. 2.
4. Attach the new lead rail bracket with the screw to the lead rail. Do not tighten.
5. Slide the nut and retainer in the lead rail channel until it is 3" to the right of the lift bracket (center to center). See FIG. 2.
6. Tighten screw.
7. The new rectangle tension rafter is ready to be used. Two clips are provided for mounting inside the RV of the tension rafter.
8. Refer to the enclosed Horizon Installation and Operating Instructions (3308926) for operating of the tension rafter.