

# 3103719 VAN ADAPTER KIT FOR 92500 Series Awning Installation Instructions

**USA**  
SERVICE OFFICE  
Dometic Corporation  
509 South Poplar Street  
LaGrange, IN 46761  
260-463-4858

**CANADA**  
Dometic Distribution  
866 Langs Drive  
Cambridge, Ontario  
CANADA N3H 2N7  
519-653-4390

**For Service Center  
Assistance Call:**  
800-544-4881

## **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.**

# INSTRUCTIONS

**3103719  
Van Adapter Kit**

**REVISION:**

Form No. 3103720.011 5/04  
(Replaces 3103720.003)  
(French 3309277.006)  
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LaGrange, IN 46761

## 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.**

**A.** Product features or specifications as described or illustrated are subject to change without notice.

#### **B. Precautions**

1. Read instructions carefully before attempting to start installation.
2. Dometic Corporation will not be liable for any damages or injury incurred due to failure in following these instructions.

#### **C. Tools Required:**

1. Screwdriver
2. Drill
3. 1/8" Drill Bit
4. 3/16" Drill Bit
5. Hacksaw
6. Silicon Sealant
7. Wrenches
4. Measuring Tape

#### **D. Kit Contains:**

- |                     |                     |
|---------------------|---------------------|
| (2 ea.) 730182      | Brace, Bottom       |
| (2 ea.) 730183      | Brace, Upright      |
| (6 ea.) 113082      | Screw, 10-24 x 1/2" |
| (6 ea.) 317534.004  | Nut, Lock 10-24     |
| (4 ea.) 3105445.005 | Screw, 10-12 x 3/4" |
| (1 ea.) 3103720.011 | Instructions        |

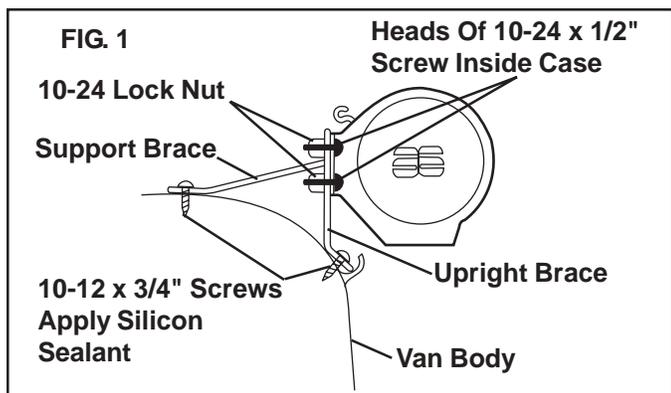
## INSTALLATION INSTRUCTIONS

### A. Location

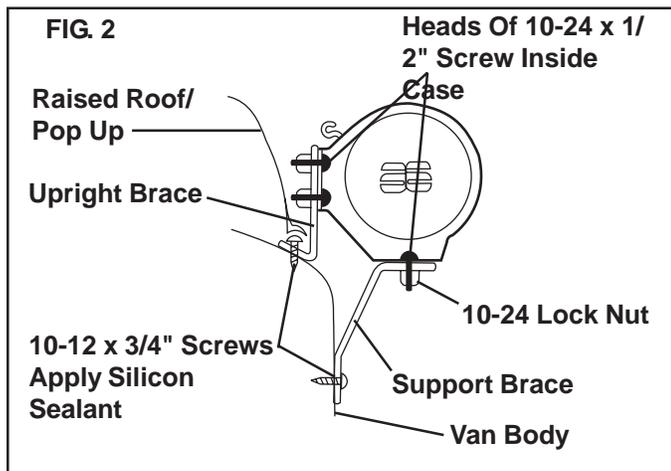
- Determine the location of the awning and mark the positions of the ends of the case on the vehicle. Allow clearance of doors when case is open.
- Four (4) special braces are provided for installing the awning.
  - Two upright braces.
  - Two rear/bottom braces.
- These braces can be bent or cut for custom fitting to the vehicle.

### B. Mounting Options

- Most common method of installation is done with the support braces on the roof. See FIG. 1.



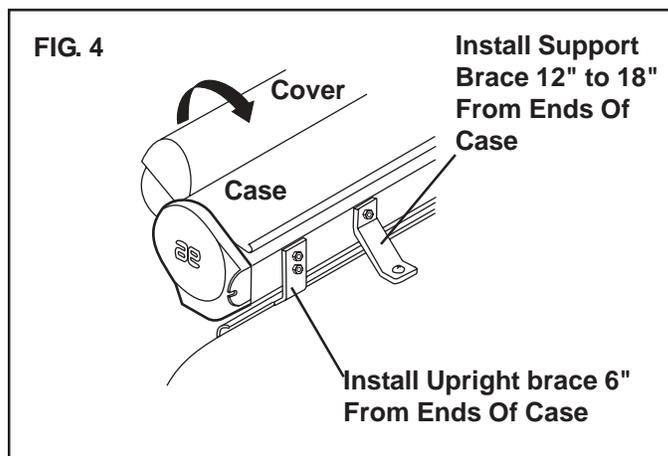
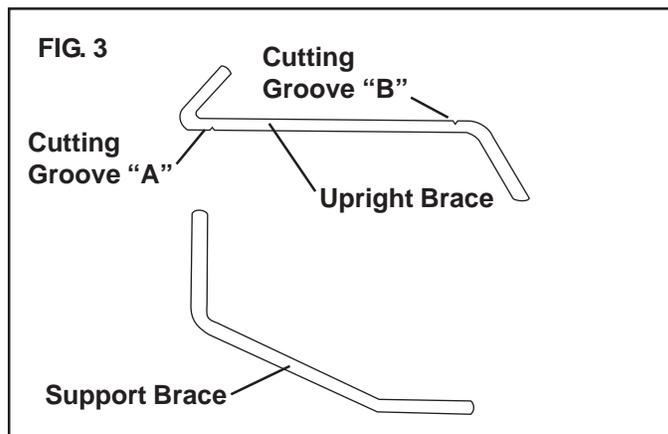
- Alternate method of installation is on a raised roof or pop up. Support braces are mounted on the side of the vehicle. See FIG. 2.



### C. Procedure For Most Common Method Of Installation

**Note:** If installing on a raised roof or with a pop up see section "D" procedure for alternate method of installation.

- Cut upright brace at groove "A". See FIG. 3.
- Position upright brace in rain gutter, the upright portion must be vertical. If necessary bend the brace as required. See FIG. 1.
- Locate the upright brace 6" from the ends of the awning case. See FIG. 4.



- Mark hole location on the vehicle using upright brace as a template. See FIG. 4.
- Drill 1/8" pilot hole for the #10-12 x 3/4" screw.
- Apply silicon sealant to #10-12 x 3/4" screw and hole before upright brace is installed. Repeat for opposite end of awning.
- Support awning case in position. Mark the screw hole locations on the case using the upright brace as a template. Upright brace should be level with the flat or rear of case. Mark both ends at the same time without moving case.
- While the awning is still on the ground extend the canopy (to lessen the possibility of damage). Then drill the 3/16" holes in the back of the case.
- Remove drill shavings and roll up the canopy. Install awning on the upright braces. Place the screw heads inside of the awning case.
- Locate the support braces the 12" to 18" from the end of the case. Place the support bracket level with the flat or rear of the case and mark its location. Repeat on opposite end.
- Extend the canopy to prevent damages to the fabric and drill the 3/16" hole in the case.
- Place the screw head inside the case and mount the support brace on the back of the case with the lock nut on the outside.

13. View the awning from both ends to determine if it is vertical. Small adjustment can be made and location for support brace mounting holes marked.
14. Drill the 1/8" pilot holes at the marked location. Place silicon sealant on the #10-12 x 3/4" screw threads and in the holes. Install screws to complete the installation.

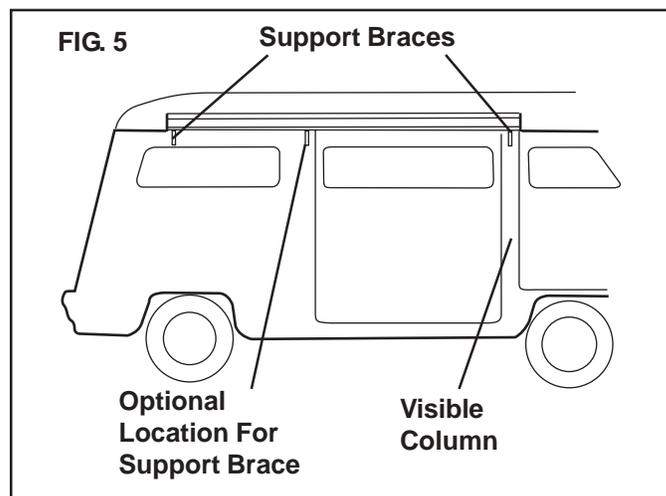
#### D. Procedure For Alternate Method Of Installation.

**Note:** If vehicle does not have a raised roof or pop up, see Section "C" Procedure For Most Common Method Of Installation.

**Important:** The support braces mount on the side of the vehicle. Determine if a column is visible between the doors when they are closed. Do Not attempt to mount on vehicle where a column is not present between the doors for the support brace to be placed.

1. Support the case in position and determine if:
  - a. The front of the case clears the front door when the cover is opened, as the cover drops below the case when opened.
  - b. The bottom brace will have enough mounting surface under the front of the case, just to the rear of the front door. If additional door clearance is required, it is recommended that the upright brace be cut ABOVE the cutting groove to acquire maximum height. See FIG. 3.
  - c. There is enough clearance for the pop up to operate easily past the upright braces and their nuts and bolts.
2. Raised roof or pop up installations; cut off the upright brace at cutting groove "B". See FIG. 3.
3. Raise the pop up and slip the short angle of the upright brace under the seal and lock pop up back in the closed position.
4. Mark the position of the upright bracket approximately 6" from the ends of the case. This can be adjusted slightly for rear upright brace.
5. Open the pop up and drill 1/8" holes at the marked location for the #10-12 x 3/4" mounting screws.
6. Apply silicon sealant to screw threads and pilot hole to prevent water leaks. Secure upright braces in position.
7. Reposition case in selected position and recheck all clearances as in step 1. Support case tightly against upright braces and flat against rear of case.
8. Mark bottom hole on the rear of the awning case at both ends, be careful not to move the awning.
9. Place the awning on the ground and extend the canopy from the case. Drill the 3/16" holes as marked. Remove any drill shavings and close the canopy.
10. Install the awning on the upright braces with the screw heads on the inside of the case and nuts on the back of the upright braces.

11. Make sure the awning is supported, and again extend the canopy. Drill the 3/16" remaining hole in the upright brace and install the screws in the same direction as the others.
12. Position the bottom support braces in place as shown in FIG. 5.



13. The bottom support braces are used under the case to support the awning. Position the front support brace just behind the front door. Mark the location and (with the canopy extended) drill a 3/16" hole in bottom of case.
14. Place the rear support brace in position at the rear end of the case. Mark the location making sure there is plenty of clearance inside the case for the head of the screw. Drill a 3/16" hole in the bottom of the case (canopy is still extended).
15. Install both support braces. Be sure the screw heads are inside the awning case.
16. Close the canopy and view the awning from both ends to make sure it is vertical. It can be adjusted slightly by moving the case. Mark the place for the pilot hole in the side of the vehicle. Drill a 1/8" pilot hole and apply silicon to stop leaks. Install the #10-12 x 3/4" screw to complete installation.