



Elite, Deluxe & Deluxe Plus

Window Awnings With

**830657.300(X) Standard, 831657.300(X) Large
832657.300(X) Standard Monochromatic,
833657.300(X) Large Monochromatic
Hardware Installation**

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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.

INSTALLATION & OPERATING INSTRUCTIONS

MODEL

**830657.300(X)
831657.300(X)
832657.300(X)
833657.300(X)**

REVISION A

Form 3308242.019 02/17
(French 3308255.003_A)
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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 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

Application:

The Dometic Corporation Window Awning is designed for use on recreational vehicles and is available in a variety of sizes.

Fabric Roller Tube Assembly (FRTA) Hardware

- (*) Awning Rail (730099-B)
- (*) Window Strap Hanger (3107025.003(X))
- (*) #10-12 x 3/4" Sheet Metal Screw (3105445.005)
- (*) 3/16" x 1" Oscar Rivet (113008)
- (*) 1/8" x 1/4" Alum Pop Rivet (308171.026)
- * Quantity varies depending on model number

Hardware Assembly Hardware

- (2) 1/4"-20 x 3/4" Php. Truss Head Screw (113142.003)
- (8) #10-12 x 3/4" Php. Pan Head (3105445.005)
- (8) 3/16" x 1" Oscar Rivet (113008)
- (30) #6-20 x 1/2" Pan Head (3107216.008)
- (2) #6-20 x .44" Hex Self Drilling Screw (310359.012)

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

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

INSTALLATION INSTRUCTIONS

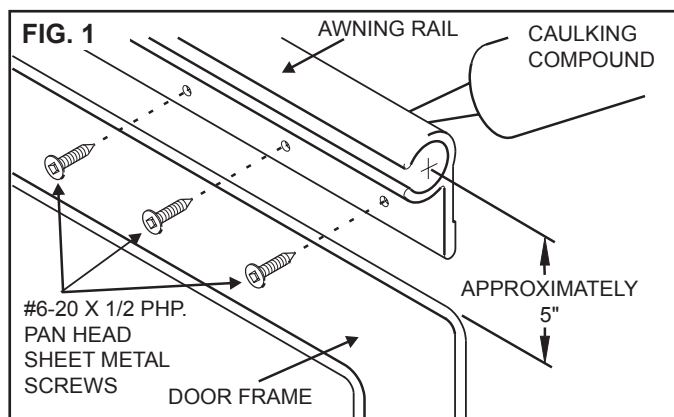
WARNING

Do not remove cotter pins at this time. The FRTA is pre-wound and under tension. Rapid spin-off will occur if the cotter pins are removed. Failure to follow these instructions could cause serious personal injury or property damage.

1. Install the Awning Rail

Position and center awning rail approximately 5" above the top of the window. See FIG. 1.

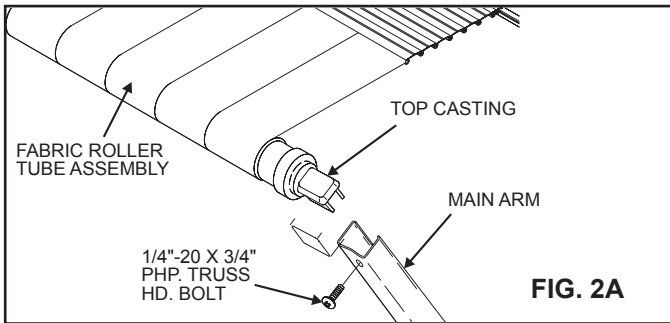
Apply a caulking compound behind the awning rail before securing rail with #6-20 x 1/2" sheet metal screws. See FIG. 1.



2. Hang the Awning

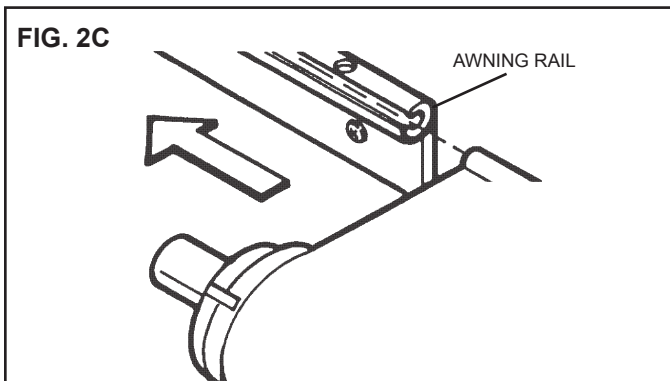
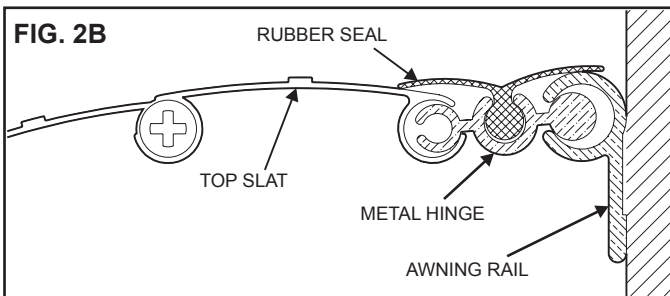
Remove tape used for shipping.

Secure the arms to the top casting with 1/4"-20 x 3/4" bolts. (Arms are identical) See FIG. 2A.



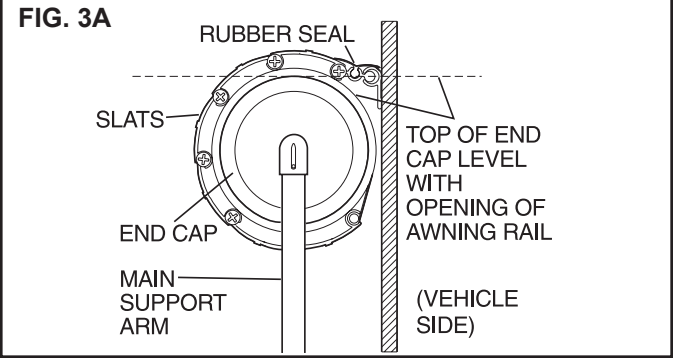
Important: Unroll enough fabric to slide bead into awning rail. If too much fabric is unrolled before releasing the preset tension, there will NOT be the required amount of tension to sufficiently roll the awning back up after use.

Insert hinge or fabric of FRTA into the awning rail, lift rubber seal over top of the awning rail, slide entire window awning into awning rail. See FIG. 2B & 2C.



3. Install Bottom Mounting Bracket

Important: Position the bottom mounting bracket so the top of the end cap is level with the opening of the awning rail. This insures the awning shield wraps up tightly. FIG. 3A.



Mark location of bottom mounting bracket holes.

For wood structure, drill four 1/8" dia. holes and secure bottom bracket using four (4) #10-12 x 3/4" sheet metal screws. Apply caulking compound to screws before inserting.

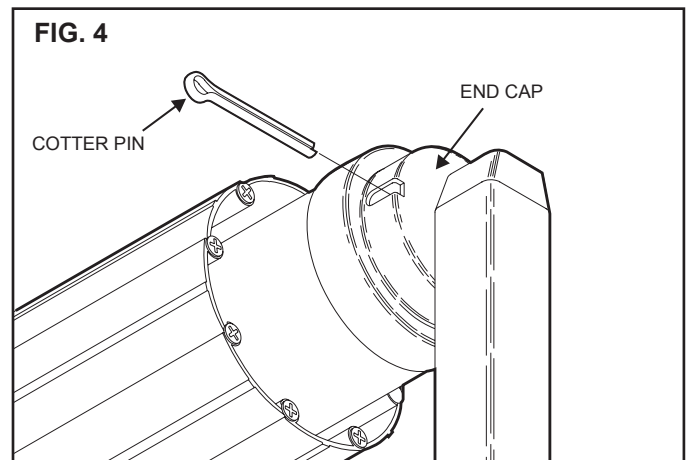
If only the skin of the RV is to be used, use a #5 drill bit, and secure the bottom mounting bracket using 3/16" x 1" Oscar Rivets. Apply caulking compound to rivets. Repeat for other side.

4. Releasing Preset Tension

Note: Dometic Corporation window awning torsions are pre-wound at the factory.

Remove cotter pin that is holding factory pre-set tension. The cotter pin is found in the roller tube end cap. See FIG. 4. For easier removal, twist the roller tube as if unrolling awning while pulling on cotter pin.

If for some reason the torsion tension has been released, it can be re-wound after the awning is completely installed. See page 4 for winding instructions.



⚠ WARNING

When cotter pins are removed, springs are under tension. The awning will attempt to close. Keep body and clothing clear of hardware and roller tube.

Discard pin and repeat for other side.

The awning should now roll up snugly against the vehicle side. If it does not, check to see that the springs have been wound properly. See page 4.

⚠ WARNING

Use extreme care. Springs under tension are dangerous. If not controlled they will unwind quickly. Keep body and clothing clear of top castings, as personal injury may result.

5. Installation of Window Strap Hanger

After fabric roller tube assembly is mounted on the RV, open the awning to its full extension by pulling down on the pull strap.

Center the strap in the awning, then move the loop of the pull strap toward the RV and under the window sill to locate the placement of the window strap hanger. See FIG. 5A.

Locate the strap hanger so that the top loop of the strap is engaged onto the hanger, thus allowing for minor height adjustment of the awning. See FIG. 5B.

Important: Make sure awning is pulled taut by the pull strap when positioning the strap hanger.

Mark location.

Install strap hanger with three (3) #10-12 x 3/4" Pan Hd. Sheet Metal Screws or 3/16" x 1" Oscar Rivets as needed. Apply caulking compound to screws or rivets before inserting.

FIG. 5A

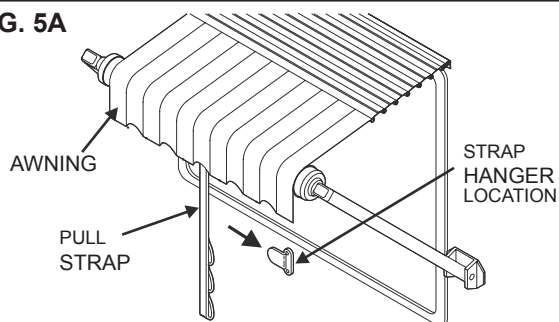
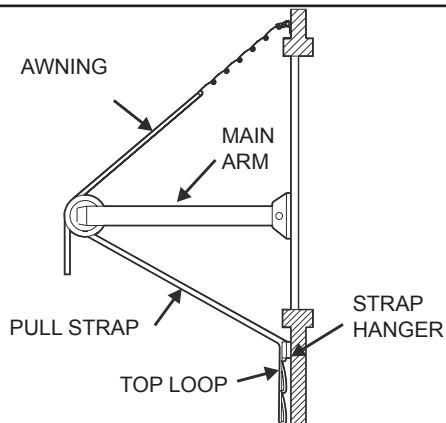


FIG. 5B

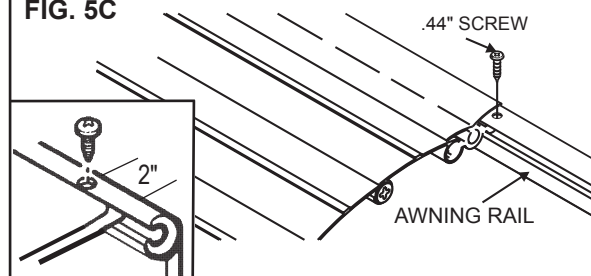


Center window awning.

For awnings with metal weather shield, install #6-20 x .44" self-drilling screws into the awning rail immediately next to the metal hinge. Repeat on other side. See FIG. 5C.

For awnings with fabric weather shield, install #6-20 x .44" self-drilling screws into the awning rail 2" from end of fabric. See FIG. 5C.

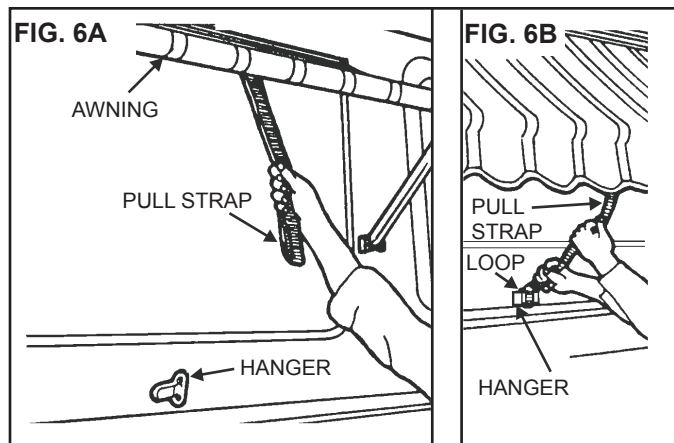
FIG. 5C



OPERATING INSTRUCTIONS

To Open Awning

1. Pull strap down to extend awning then hook the loop onto the hanger. See FIG. 6A & 6B.



To Close Awning

1. Remove pull strap from hanger. See FIG. 6B.

⚠ CAUTION

Do not release strap as window awning is under tension and may snap back against vehicle.

2. Slowly allow awning to close by feeding pull strap upwards and diagonally. This prevents the strap from building up and creating a bulge in the fabric. See FIG. 6A.
3. The awning installation is now complete and ready for travel.

WINDING TORSIONS

Important: Winding torsions is not part of the normal installation procedure for this awning. The following procedure is only done if the torsion tension has been released.

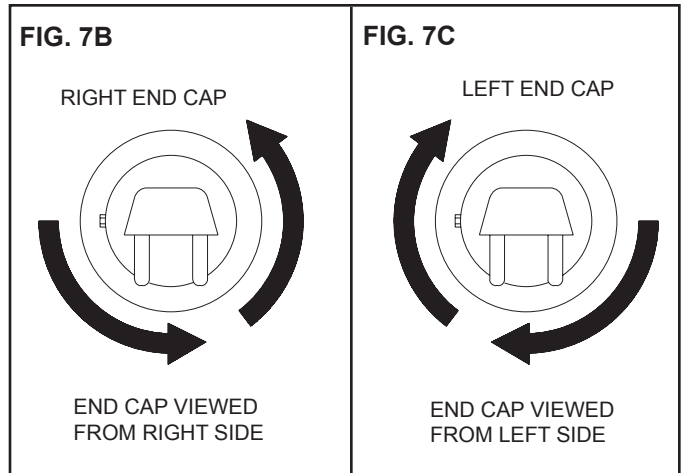
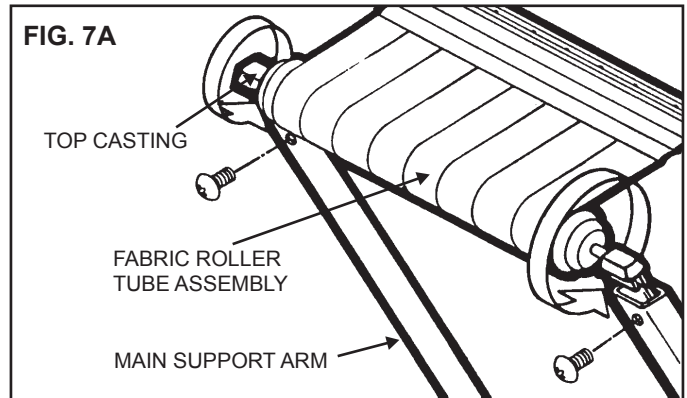
⚠ WARNING

Use extreme care. Springs under tension are dangerous. If not controlled they will unwind quickly. Keep hands and clothing clear of top casting, as personal injury may result.

Wind The Torsion

1. Torsions are to be wound with the awning in the near closed position. Open awning just far enough to be able to rotate the top casting on FRTA (approximately 2").
2. Remove the bolt and lift the top casting out of the arm.
3. Turn the top casting the number of turns specified in the awning size chart, and carefully insert it back into the arm. Reinstall the bolt. Repeat for other side. See FIG. 7A.

Note: When facing the awning, the top casting on the RIGHT is to be turned COUNTER-CLOCKWISE. See FIG. 7B. The top casting on the left is to be turned CLOCKWISE. See FIG. 7C.



Awning:	30"-48"	54"	60"	66"-84"
Turns:	9	10	11	12

Awning:	90"-123"	126"-144"	156"-192"
Turns:	13	14	16