

USA
SERVICE OFFICE
The Dometic Corp.
509 S. Poplar St.
LaGrange, IN 46761

CANADA
Dometic Dist.
866 Langs Dr.
Cambridge, Ontario
CANADA N3H 2N7

ELITE, DELUXE PLUS WINDOW AWNINGS

**WITH
UNIVERSAL ROLLER TUBE ASSEMBLY AND
UNIVERSAL HARDWARE INSTALLATION**

INSTALLATION AND OPERATING INSTRUCTIONS

WINDOW AWNINGS

Application:

The A&E Window Awning is designed for use on most recreational vehicles and is available in a variety of sizes to fit even the largest vehicles.

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

Contents - Roller Tube Assy. (RTA)

	Qty.
Roller Tube Assy. with Pull Strap	1
Awning Rail	1
Window Strap Hanger	1
#10 x 3/4" Pan Hd. Sheet Metal Screws	3
3/16 Dia. Oscar Rivet	3

Contents - Fabric Assy. (FA)

ELITE: Fabric with ropes and hard cover attached

DELUXE+PLUS: Fabric with ropes attached

Contents - Support Hardware (HDW)

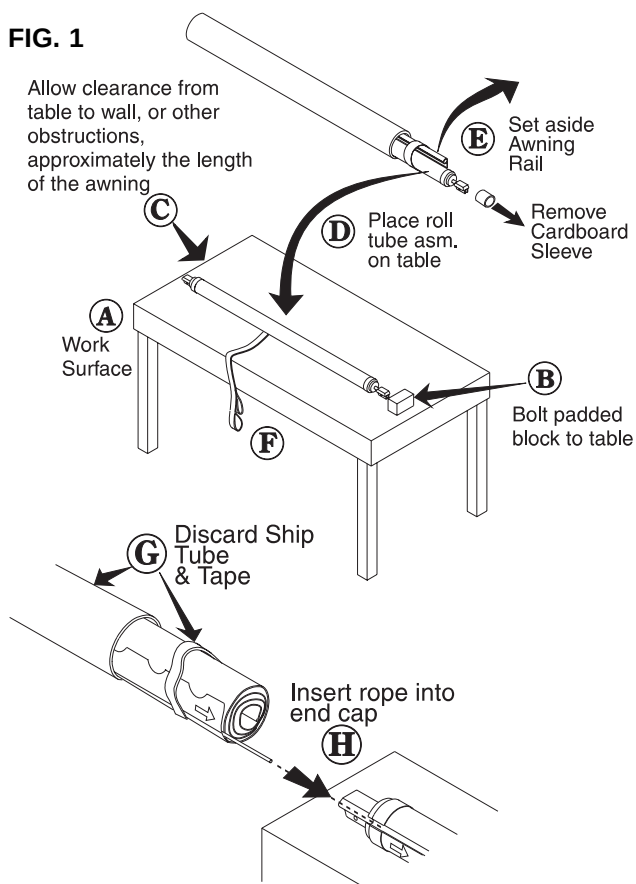
Main Support Arm Assembly	2
1/4-20 x 3/4" Php. Truss Hd. Screw	2
#10 x 3/4" Php. Pan Hd. Sheet Metal Screws	8
3/16 Dia. Oscar Rivet	8
#6 x 1/2" Php. Pan Hd. Sheet Metal Screw	30
#6 x 1/2" Hex Self-drilling Screw	2

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

1. Assemble Fabric to the roll tube

- Set up a clean, smooth, padded work surface.
- Bolt a padded block to the right end.
- Place the table so the full fabric assembly can be placed end-to-end on the left end of the table.

FIG. 1



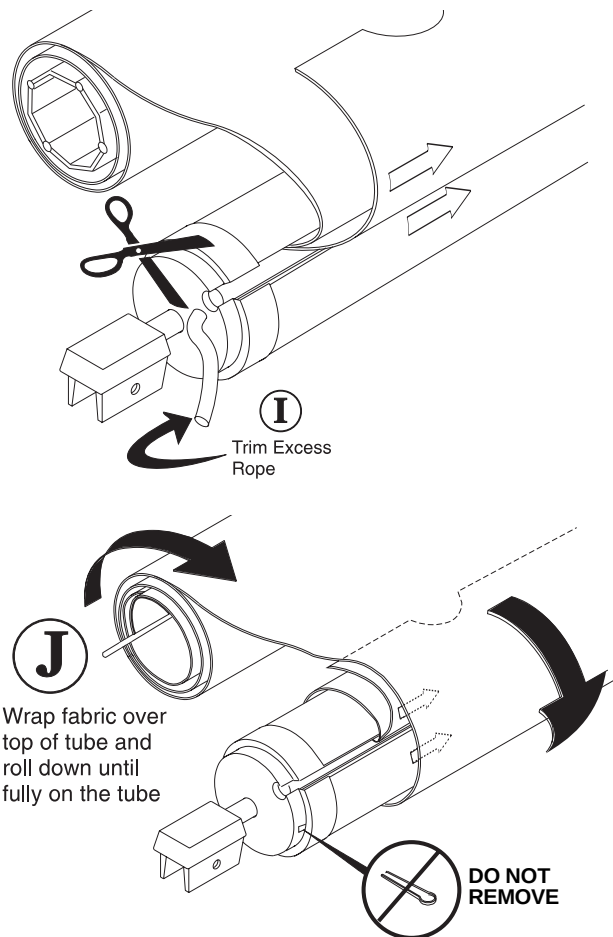
- Unpack the roll tube assembly and place it on the work table with the arrow labels pointing to the right and the end against the block.
- Unwrap the awning rail from the roll tube and set it aside for installation in the next step.
- Position the pull strap out of the way.
- Open and unpack the fabric assembly from the ship tube and remove the tape and cardboard sleeves. The fabric is rolled backward to allow installation onto the tube without unwrapping. **DO NOT UNROLL YET.**
- Insert the rope into the end cap and slide the fabric onto the roll tube aligning the arrows on the tube and the fabric.
- Center the fabric and trim off excess rope.
- Slide the pull strap to the center and wrap the fabric over the top of the tube and down, until fully rolled on the tube.

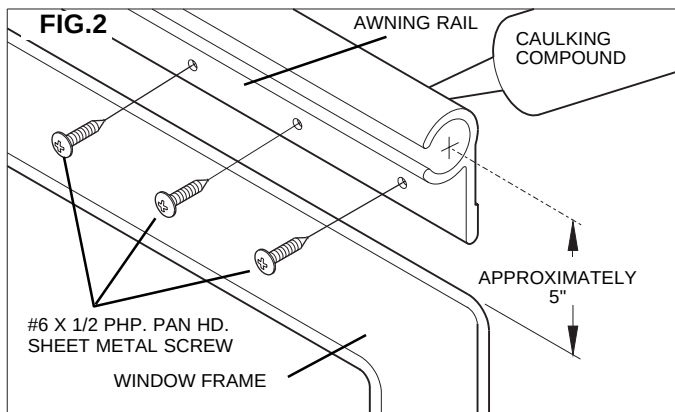
CAUTION: DO NOT REMOVE the cotter pin at this time.
NOTE: If your window awning does not have cotter pins, see page 5.

2. Install the Awning Rail

Position and center awning rail approximately 5" above the top of the window sill as shown in FIG. 2.

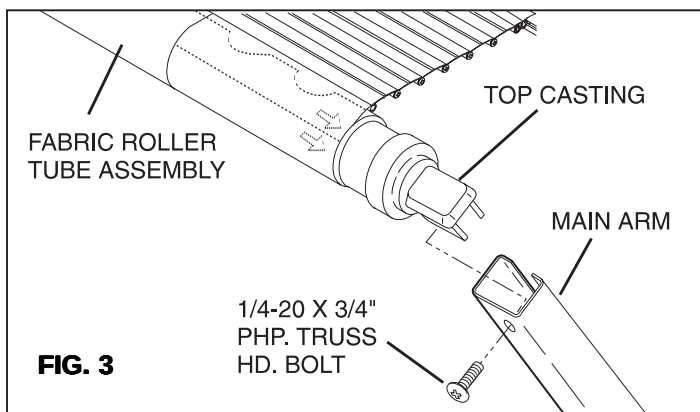
Apply a caulking compound behind the awning rail before securing rail with #6 x 1/2" sheet metal screws. FIG. 2. Prepare the awning rail, deburr and flare.





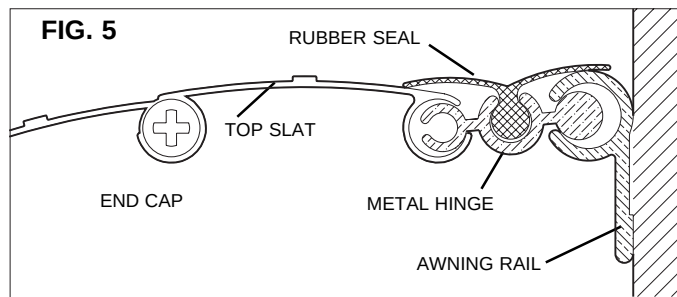
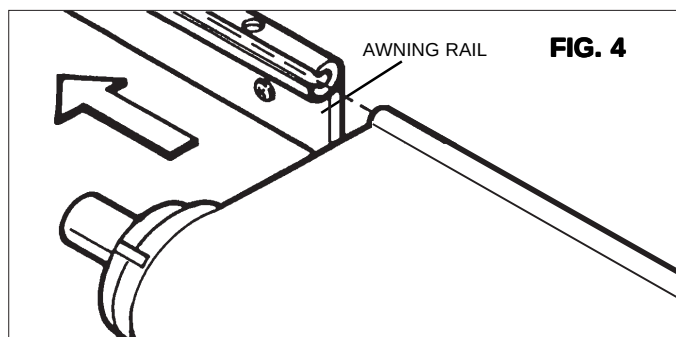
3. Hang the Window Awning

Attach the main support arm to the top casting of the fabric roller tube assembly and secure them together with one 1/4-20 x 3/4" bolt. (Both arms are identical, so it does not matter on which end each is attached.) Repeat for other side. FIG. 3



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.

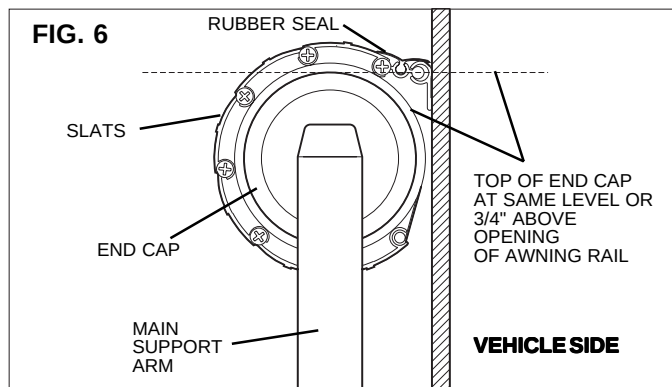
Insert bead of hinge or fabric of roll tube assembly into the groove in the awning rail (lift the rubber seal of the acrylic units over top of the awning rail) and slide entire window awning into awning rail. FIG. 5. NOTE: The awning is not secured to the awning rail until Step 6.



3. Install Bottom Mounting Bracket

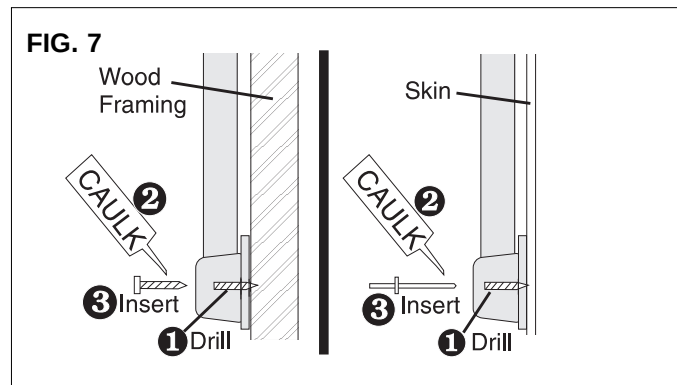
IMPORTANT: Position the bottom mounting bracket so that the top of the end cap is level with the opening of the awning rail. This positioning is critical for the awning assembly to wrap tightly around the roller tube. FIG. 6.

Mark location of bottom mounting bracket holes.



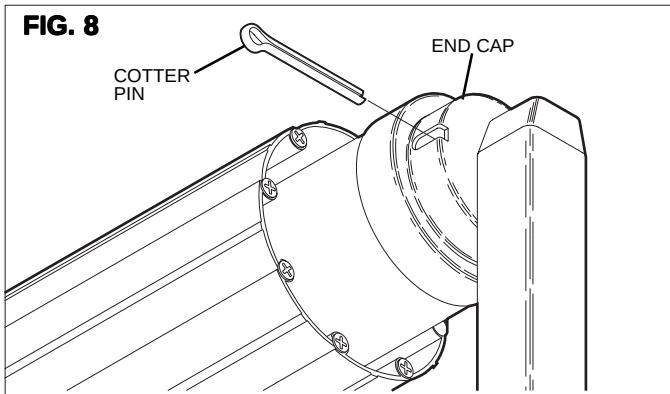
If you can find wood in the RV, drill four 1/8" dia. holes and secure bottom mounting bracket using four #10 x 3/4" sheet metal screws. Apply caulking compound to screws before inserting.

If only the skin of the RV is to be used, drill four holes, using a 13/64 drill bit, and secure the bottom mounting bracket using 3/16" dia. Oscar Rivets. Apply caulking compound to rivets. Repeat for other side.



4. Release Preset Tension

Remove cotter pin that is holding factory preset torsion. The cotter pin is found in the roller tube – tube end cap (FIG. 8). For easier removal, twist the roller tube as if unrolling awning while pulling on cotter pin.



WARNING

When cotter pins are removed, springs are under tension. The awning will attempt to close. Keep hands 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 5.

WARNING

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

5. Install Window Strap Hanger

After fastening the fabric roller tube assembly to the main support arm, 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. FIG. 9 & 10

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

Mark location.

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

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.

FIG. 9

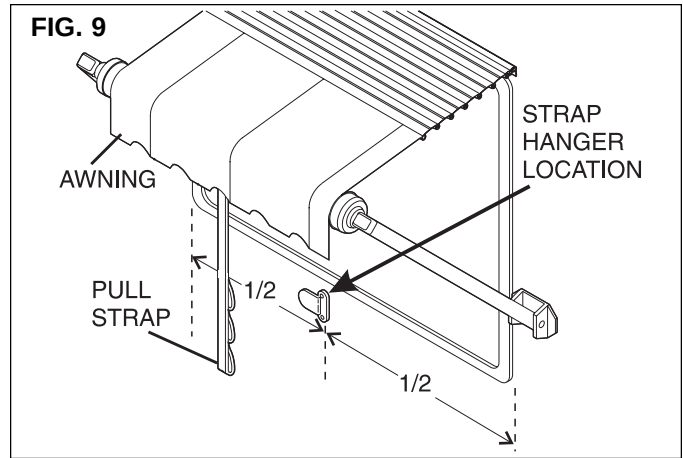
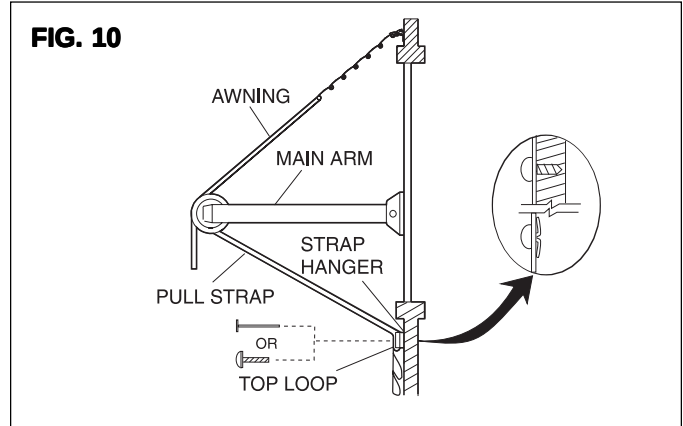


FIG. 10

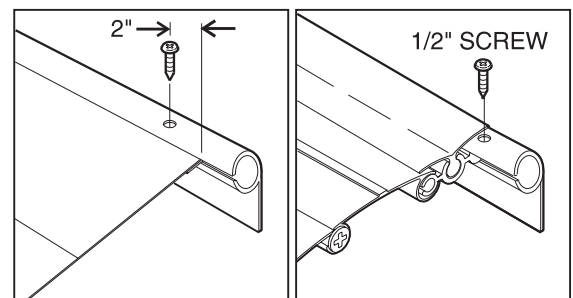


6. Secure Awning to Rail

Close the awning (see "Operation"). Secure vinyl awning fabric to the awning rail by drilling a 7/64" diameter hole and inserting a #6 x 1/2" self-drilling screw.

Center cover of acrylic awning, then drill a 7/64" diameter hole immediately next to the metal hinge and install #6 x 1/2" self-drilling screw. Repeat on other side. (FIG. 11).

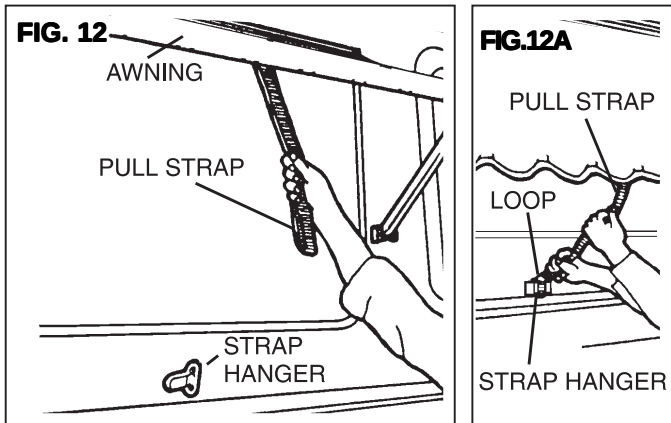
FIG. 11



OPERATION

TO OPEN WINDOW AWNING

1. Grasp the loop on the pull strap and pull down to extend awning then hook the loop onto the window strap hanger. FIG. 12 & 12A



TO CLOSE

1. Remove loop on pull strap from window strap hanger. FIG. 12

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

2. Slowly allow awning to roll back to closed position by feeding pull strap upwards and diagonally. This prevents the strap from building up and creating a bulge in the fabric.
3. The awning is now ready for travel with no further locking required.

NOTICE

If your A&E Window Awning does not have cotterpins holding the pre-wound torsion assemblies, then torsion must be added per the following instructions.

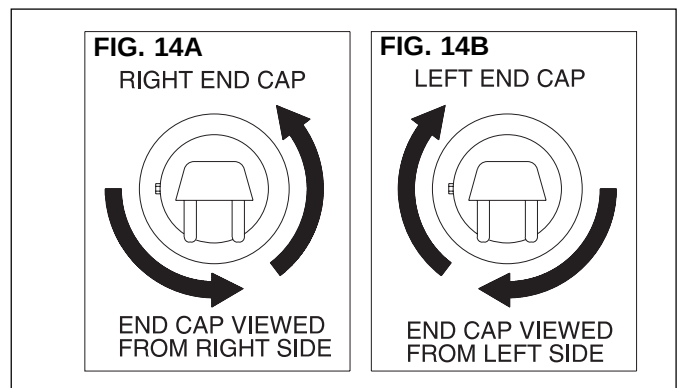
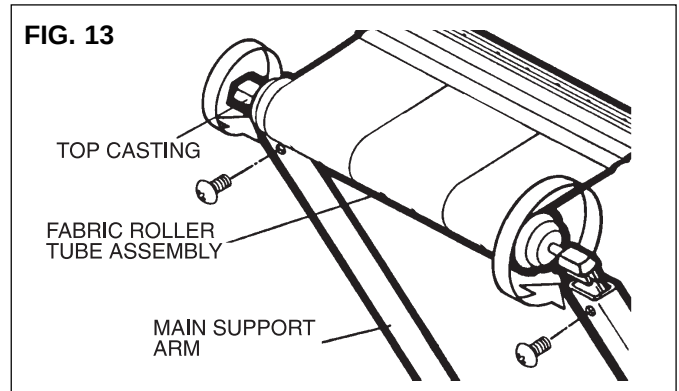
LOADING THE TORSION

1. Remove the 1/4-20 x 3/4" bolt from the main arm and lift the top casting out of the main arm.
2. To load tension on the torsion spring, turn the top casting as shown in Fig. 13.
3. When facing the awning, the top casting on the RIGHT is to be turned COUNTER-CLOCKWISE. Fig. 14A. The top casting on the left is to be turned CLOCKWISE. Fig. 14B.
4. Turn the top casting as specified, and carefully insert it back into the main support arm, then secure with a 1/4-20 x 3/4" Php. Truss Hd. Bolt. Repeat for other side.

Refer to chart below for number of turns required for the awning size. (Revised November 1994)

SIZE:	156"-192"	144"-132"	120"-90"	84"-66"	60	54	48"& Less
TURNS:	19	17	16	15	14	13	12

WARNING: Use Extreme Care and appropriate tools. Springs under tension are Dangerous. If not controlled they will unwind quickly. Keep body and clothing clear of top casting, as personal injury may result.



HELPFUL HINTS FOR AWNING CARE

ALL AWNINGS

Whenever the awning is wet while rolled up, as soon as conditions allow, roll it out and let it dry before rolling it up again. This will help prevent mildew and rotting. Mildew does not form on the fabric itself, but on the accumulated dust, dirt and grime. Periodically clean vinyl or woven acrylic fabric with genuine A&E CANOPY CLEAN™. After cleaning, acrylic fabric should be treated with ACRYLIFE™. (SEE BELOW)

Apply A&E GO-EASY™ spray lubricant as needed to keep the awning's moving parts operating smoothly and to help prevent corrosion.

WOVEN FABRICS

In addition to its beauty and soft translucence, woven fabric offers the advantage of strength and breathability. It is water repellant; but because it is a woven cloth, it is not waterproof. Use genuine ACRYLIFE™ by A&E once a year for maximum water integrity.

Avoid touching the underside of the canopy when it is wet. To do so will break the surface tension of the water and encourage seepage through the fabric.

Because woven fabric is of a much lighter weight than vinyl, shifting may occur if the awning and pull strap are not centrally aligned with the fabric roller tube while the awning is being rolled up. If necessary, roll the awning out and adjust the alignment.

WHERE TO GET MORE HELP

If malfunctions occur that cannot be corrected by reviewing this Users Guide, contact a qualified Dometic service technician.