



# A&E Systems



## SLIDE TOPPER™

### USA

SERVICE OFFICE  
Dometic Corp.  
509 So. Poplar St.  
LaGrange, IN 46761  
260-463-4858

### CANADA

Dometic Dist.  
866 Langs Dr.  
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.

## INSTALLATION & OPERATING INSTRUCTIONS

### MODELS

85090 DELUXE	86096 ELITE
85093 DELUXE	86097 DELUXE
85094 DELUXE	86098 ELITE
85096 ELITE	86099 DELUXE
85097 DELUXE	86100 ELITE
85098 ELITE	86101 DELUXE
85099 DELUXE	86102 ELITE
85100 ELITE	86103 DELUXE
85101 DELUXE	87096 ELITE
85102 ELITE	87097 DELUXE
85103 DELUXE	

### REVISION

Form No. 3109384.044 11/02  
(Replaces 3109384.036)  
(French 3109626.030)  
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LaGrange, IN 46761

**Important:** These instructions must stay with unit.  
Owner read carefully.

# APPLICATION GUIDE

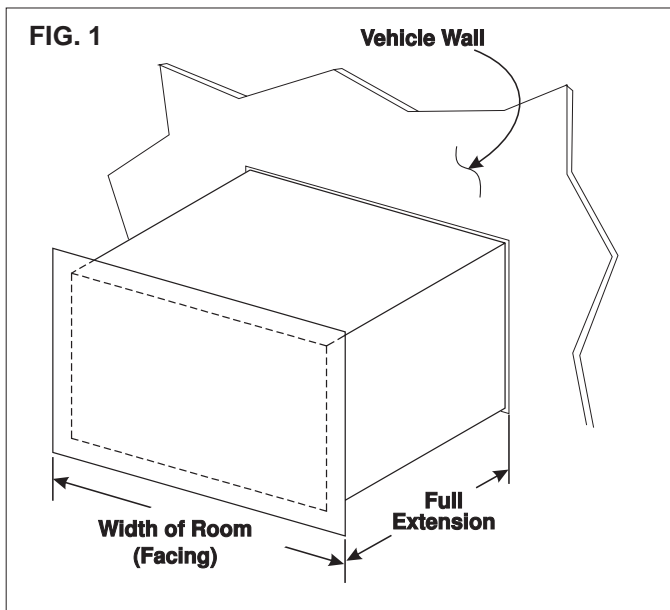
## Models: 85XXXXX.XXX (Elite) & (Deluxe)

The A&E Slide Topper is designed to protect the top of an RV's slide out room from weather and debris. It is not waterproof, some drips, condensation, or wind blown precipitation can be present under the canopy.

### 1. DETERMINE SLIDE TOPPER LENGTH:

To determine the size of Slide Topper you require, measure your room according to the picture below and then use the chart supplied.

The Slide Topper will **NOT** work on rooms with a full extension greater than 44 inches.



### 2. DETERMINE BRACKETS REQUIRED FOR THE SLIDE OUT:

**3106992.047(X) Bracket Kit**

**3106992.039(X) Bracket Kit**

**3106992.147(X) Bracket Kit (See Note)**

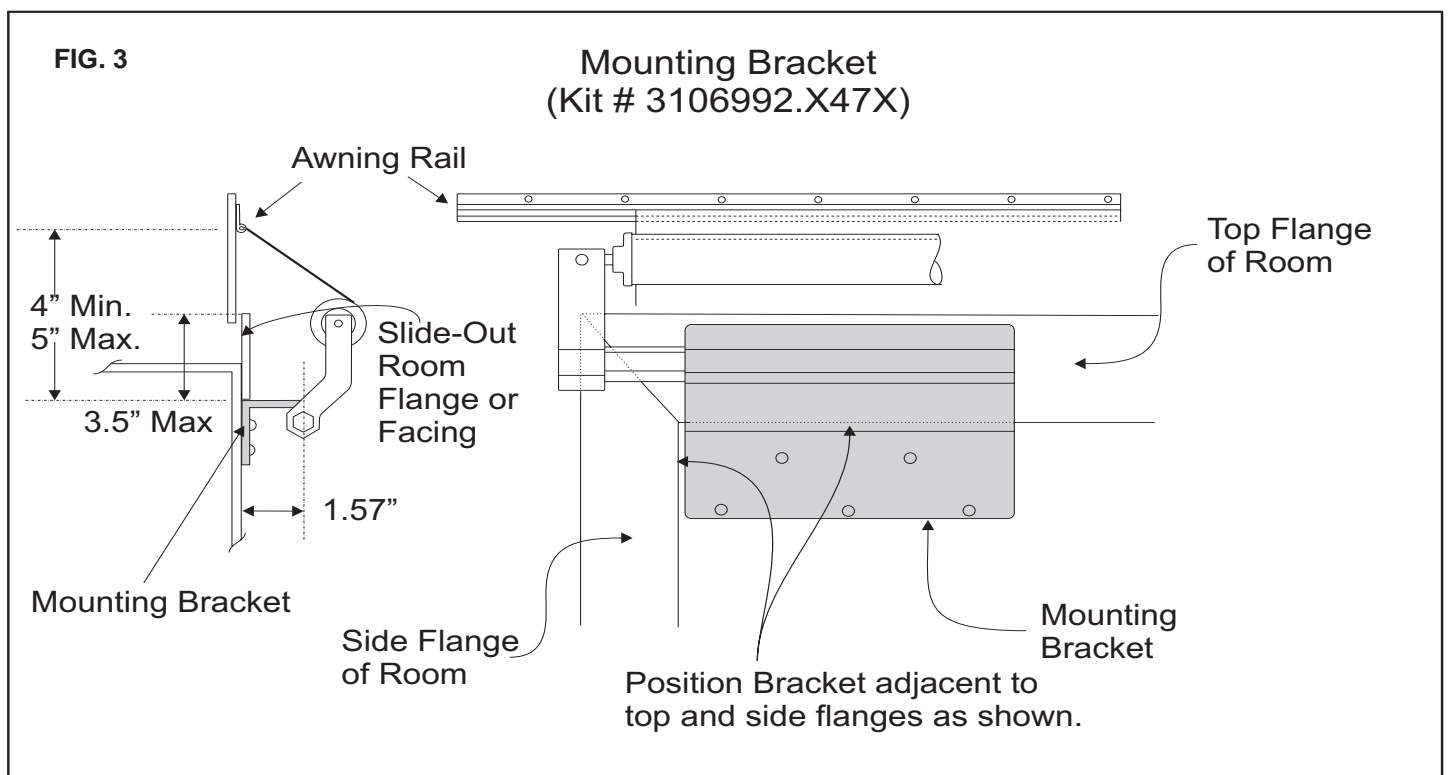
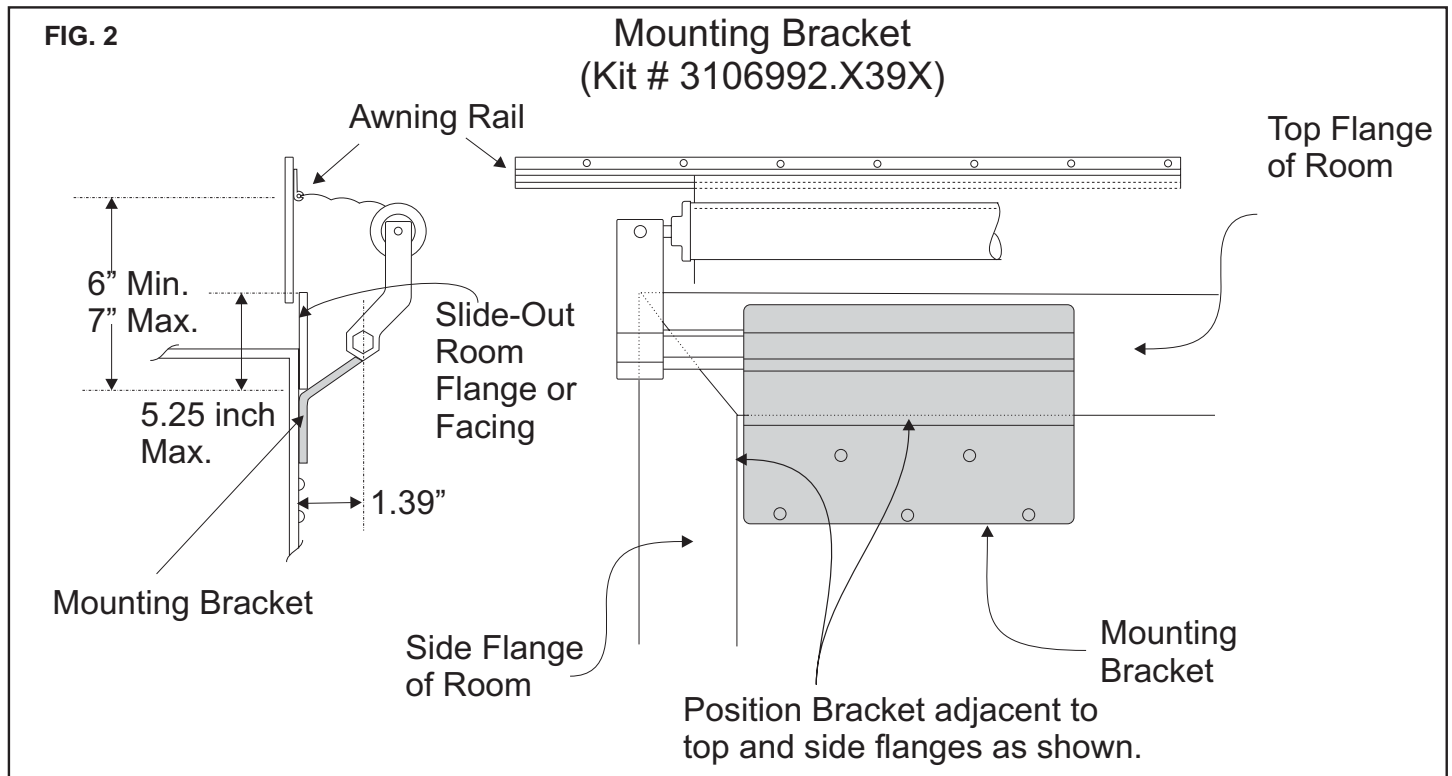
**3106992.139(X) Bracket Kit (See Note)**

**NOTE:** Use **ONLY** with 85XXXXX.060, 86XXXXX.060 and 87XXXXX.060 Models.

Width of Room	Recommended Awning length
50" to 55-3/4"	See Note
56" to 61-3/4"	66"
62" to 67-3/4"	72"
68" to 73-3/4"	78"
74" to 79-3/4"	84"
80" to 85-3/4"	90"
86" to 91-3/4"	96"
92" to 97-3/4"	102"
98" to 103-3/4"	108"
104" to 109-3/4"	114"
110" to 115-3/4"	120"
116" to 121-3/4"	126"
122" to 127-3/4"	132"
128" to 133-3/4"	138"
134" to 139-3/4"	144"
140" to 145-3/4"	150"
146" to 151-3/4"	156"
152" to 157-3/4"	162"
158" to 163-3/4"	168"
164" to 169-3/4"	174"
170" to 175-3/4"	180"
176" to 181-3/4"	186"
182" to 187-3/4"	192"

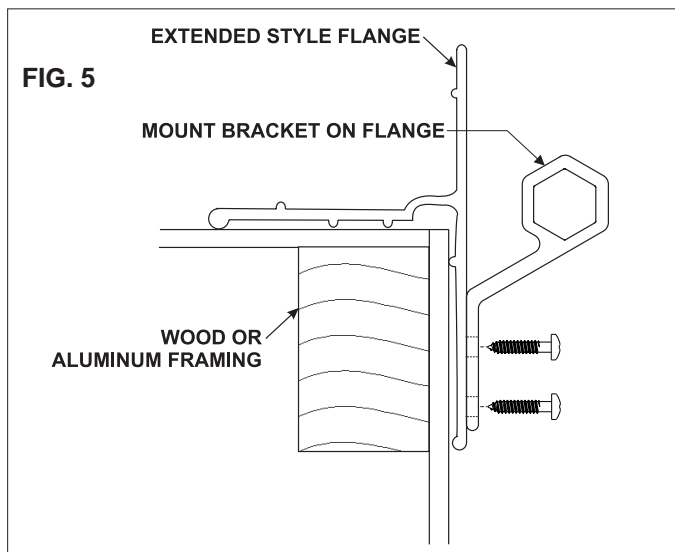
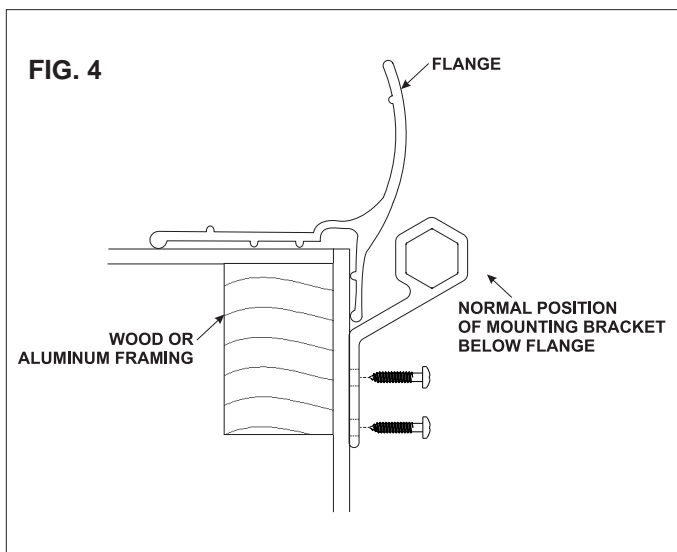
The Installer **MUST** refer to the installation instructions supplied with the awning.

**NOTE:** The greater the distance between the awning rail and the mounting bracket, the better water and debris will run off, however, **DO NOT** exceed maximum distances shown or excess fabric will be exposed to catch wind.



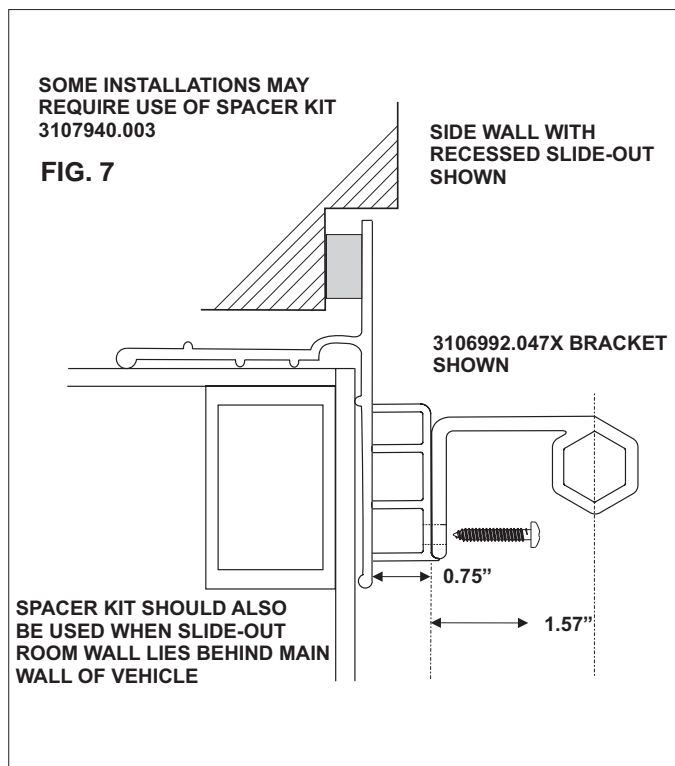
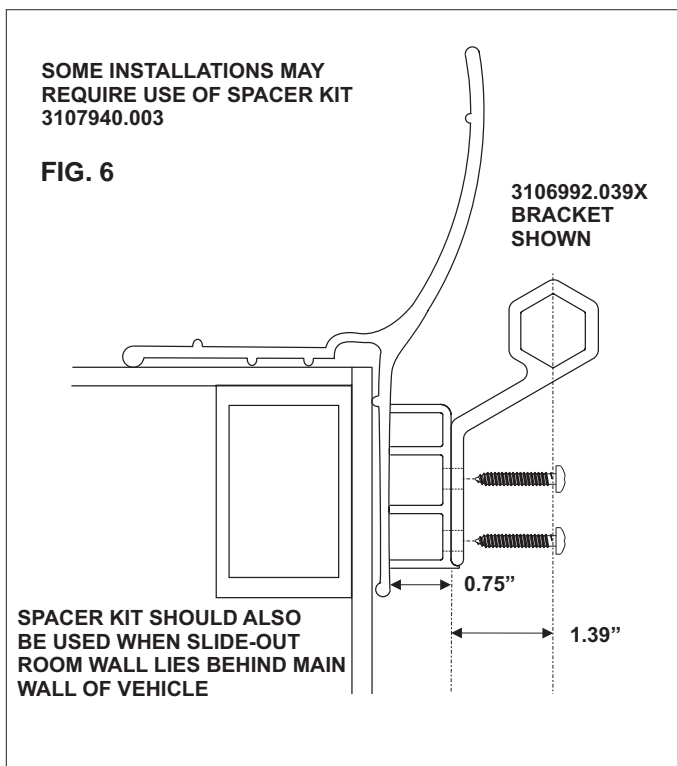
When installing the A&E model Slide-Topper on vehicles with extra large slide-out room flanges, it may be necessary to install the mounting bracket directly on the flange. See FIG. 5.

The bracket must only be mounted on the flange where there is sufficient backing material or framing behind the flange.



## OPTIONAL 3107940.003 SPACER KIT

Used when Slide-out flange has a large curve or is recessed behind the main wall of vehicle.



# INSTALLATION INSTRUCTIONS

**PREPARATION:** Unpack the awning and check the contents against the following parts list:

- \*730099-(X) Awning Rail - Required
- \*(50) 3107216.008 Screw, S6-20 x 0.5" PH Sq Drive
- (1) 3107198.040(X) Billow Bracket
- (1) 3107198.057(X) Billow Bracket
- (2) 3106792.017(X) Extension
- (10) 3105445.013 Screw, #10-12 x 1.0" PHCR SS
- (4) 3103855.023 Screw, #10-16 x 0.63" PHCR SS
- (2) 308171.022 Pop Rivet, 3/16 X3/8
- (1) 3107282.018(X) Anti-Billow Asm.
- (2) 3105445.005 Screw, #10-12 x 0.75" PHCR SS
- (1) 3102096.030 Screw, #10-160.5" PHCR BLK

NOTE: Replace (X) with color letter code

B = Polar White      H = Mende  
S = Satin              R = Champaign  
U = Black

\* Not included with all models)

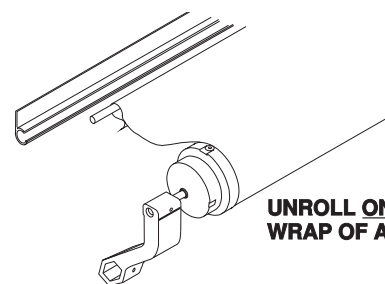
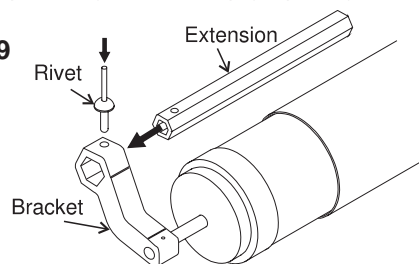
Remove any drip shields or flashings which conflict with the awning. The awning can be assembled and held in location to check for conflicts with flashings

## ASSEMBLE EXTENSION

2. Rivet both extensions into the end brackets using the two (3/16 x 3/8") pop rivets. Unwind **ONLY ONE** wrap of the awning to allow easy insertion into the awning rail. Slide wall brackets onto each hex extension.

### FASTEN BOTH EXTENSIONS INTO END BRACKETS

FIG. 9



### SLIDE ONE BRACKET ONTO EACH EXTENSION

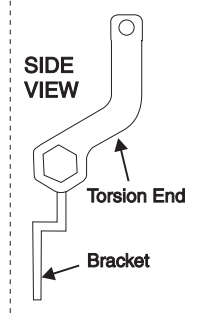
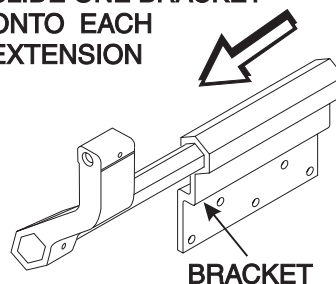
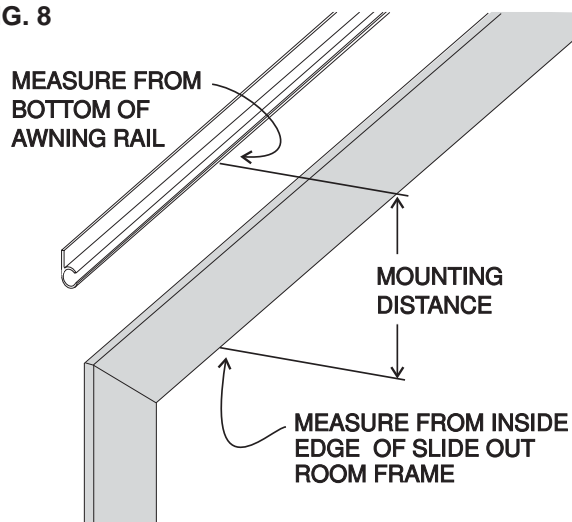


FIG. 8



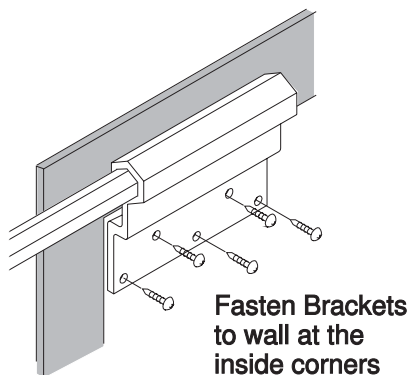
### MOUNTING DISTANCE:

MNTG BRKT 3106992.X39X	6" - 7"
MNTG BRKT 3106992.X47X	4" - 5"

## MOUNT BRACKETS

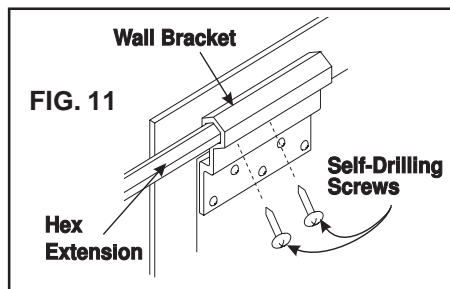
3. Brackets must be mounted to vehicle framing. With the room completely closed, lift the awning up to the top of the slide out room. Insert the awning into the awning rail and slide the awning into position. While one person holds the awning in place, position the wall brackets at the inside corners of the slide out room frame and use the #10 X 1.0" screws to fasten them to the wall. See figure 10.

FIG. 10



## ALIGN FABRIC

4. Center the awning tube on the slide out room and then lock it into position by driving two of the #10 x 0.75" self-drilling screws into the hex extension through the holes in the middle and outside edge of each wall bracket. (On some brackets, it is necessary to drill the hole in the middle of the bracket.) See figure 11.



## REMOVE COTTER PINS

5. Straighten and then remove the cotter pins from both sides of the awning. Check that the awning tube is free to rotate by rotating it slightly by hand. If the tube is free to rotate, open and close the room several times to center the fabric in the roller tube and awning rail. Once the fabric is centered, install a #6 x 0.63" screw through the awning rail and fabric on both ends of the canopy so it cannot shift from side to side. See figure 12.

**Note:** Models with slat assembly roller cover, place the #6 x 0.63" screw through the awning rail 1/4" beyond each end of the slat assembly.

## INSTALL LOCK MECHANISM

6. Position locking mechanism on end cap on leading end of Slide Topper (end which is toward front of vehicle).
7. Position locking mechanism with bumper pointed straight up. If either screw should happen to fall into an existing opening in the end cap, rotate the bumper slightly away from the wall before attaching. See figures 13 and 14.

FIG. 12

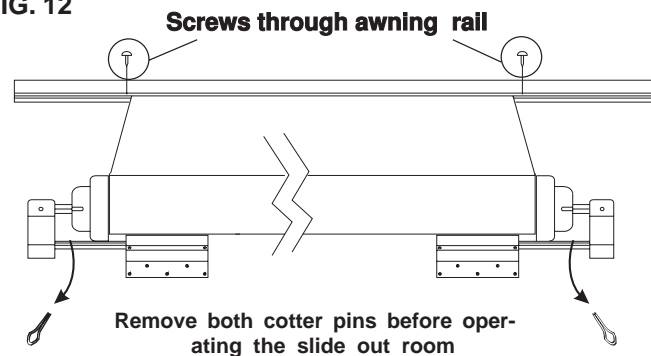


FIG. 13

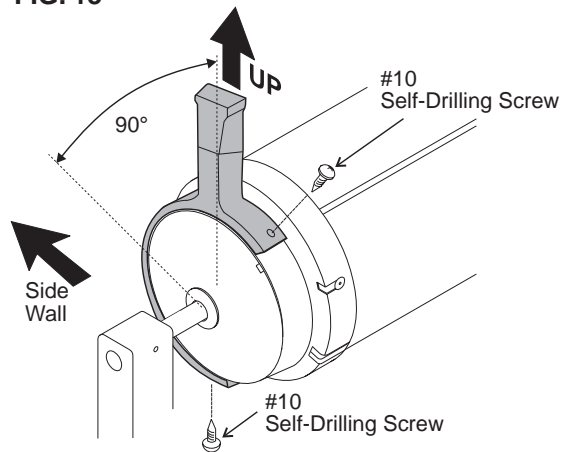
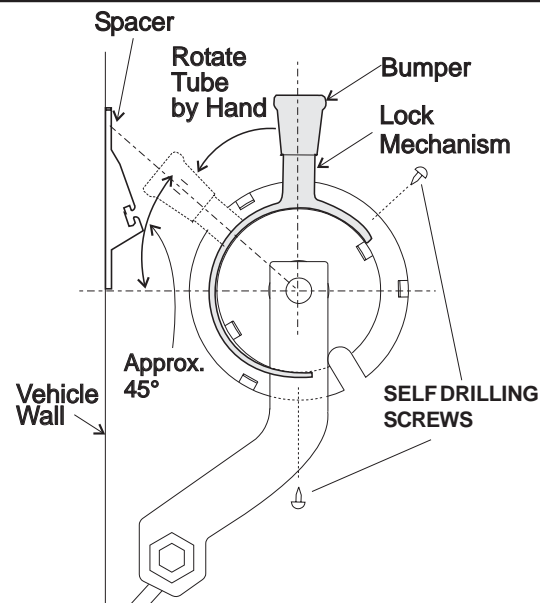
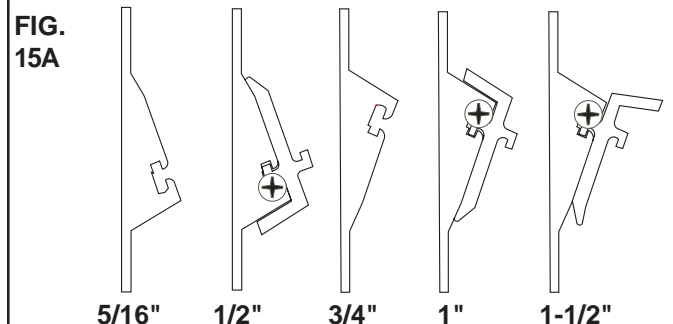
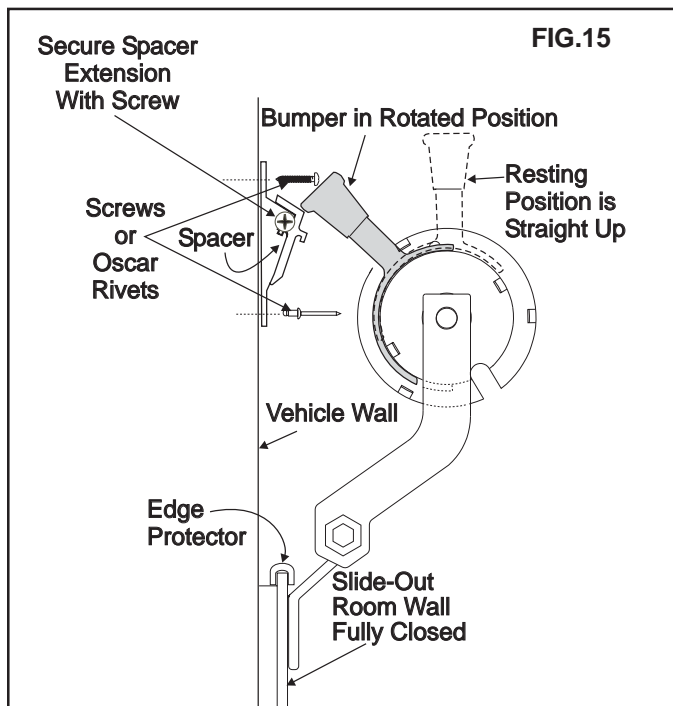


FIG.14



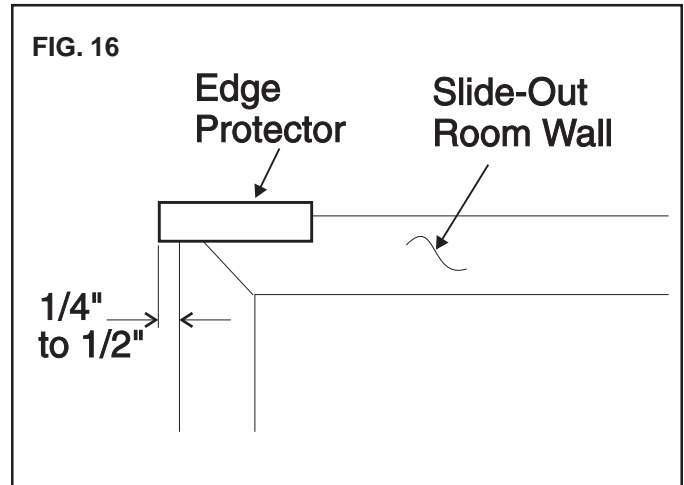
8. Attach locking mechanism to end cap using #10 self-drilling screws provided. Use care when installing screws not to move lock or scratch end cap.
9. Use the universal spacer to stop the bumper from rotating past a 45° angle when the roller tube is rotated by hand toward the wall. See figure 14. The universal spacer will allow spacing from 5/16" to 1-1/2". See figure 15A. See figure 15.

10. Using #10 x 1.0" screws, fasten spacer to the wall so that the bumper contacts the spacer as shown in figure 15. If the vehicle has a fiberglass wall, use Oscar rivets instead of #10 x 1.0" screws.



11. Install edge protectors on each end of slide-out room molding.

Allow protector to extend beyond edge of molding by 1/4" to 1/2". See figures 15 and 16.



**Note:** Not all installations will be able to use the edge protector supplied with unit. If edge protector supplied is not used, a similar type protector **MUST** be used. Units which are damaged by the slide-out will **NOT** be covered under warranty.

**Note:** The Oscar Rivets are available as separate items

113008P10 = Package of 10

113008P100 = Package of 100

The edge protectors are available as separate items

3308176.001 = package of 10

3308176.019 = Package of 100

## OPERATION

The Slide Out Topper will automatically open and close as your slide out room opens and closes.

Because the awning is level, water may puddle on top of the canopy. As the slide out room is closed and the awning rolls up, these puddles will spill over the sides of the awning.

### CAUTION

**Do Not use your Slide Topper in snowing or freezing-rain conditions. Such use will prevent the awning from retracting with the slide room and damage the awning and room.**

### WARNING

**Do Not operate your slide out room without first checking that there are no people or objects in the path of the room or the Slide Topper.**

### HELPFUL HINTS FOR AWNING CARE

- If the awning is wet when 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 staining.
- **WHEN TO GET MORE HELP:**  
If malfunctions occur that cannot be corrected by reviewing this user's guide, contact a qualified Dometic service center. For Service Center Assistance Call 800-544-4881.