



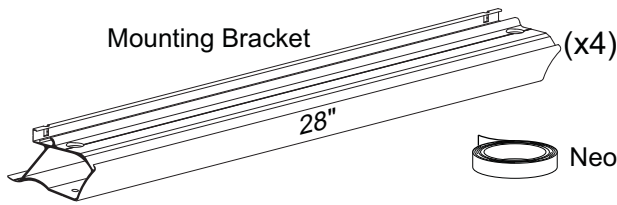
# FREESTYLE RM ADAPTOR BRACKETS





Kit No: BS0016

## FLAT ROOF INSTALLATION

Kits

### PACKAGE CONTENTS:

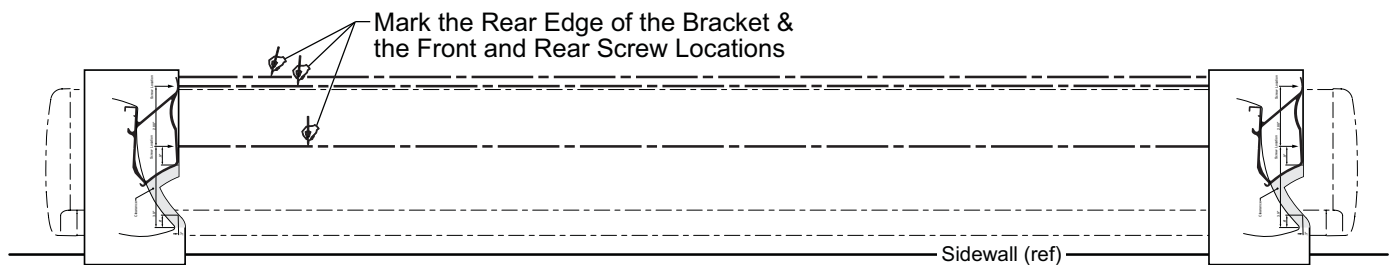


-  Square Nut, M6 (x3)     Screw, M6 x 20 (x19)
-  Nylock Nut, M6 (x16)     Washer, M6 (x16)

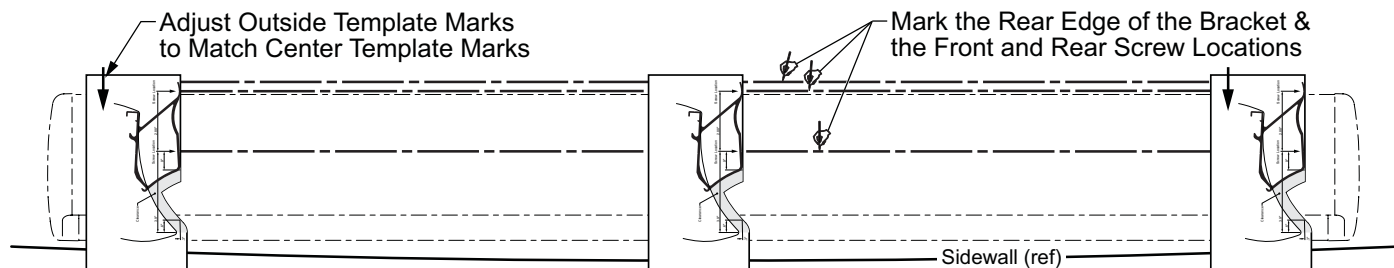
BS0016b

### BRACKET LAYOUT

1. Determine the location of the awning.
2. To aid in positioning the brackets, a full size template is furnished on the last page of this manual. Copy and paste or tape the page to a piece of cardboard then cut along the dotted line.



**Vehicles with Flat Sides**



**Vehicles with Tapered Sides**

RMF015

3. On each end of the awning location, set the template on the roof and mark the position of the rear edge and the mounting hole locations. Connect the marks; these will be the installation guidelines.

*For vehicles with tapered sides:* Use the template and mark the locations in the center of the awning. Adjust the outer marks to align with the center marks. The brackets must be straight to properly mount the awning.

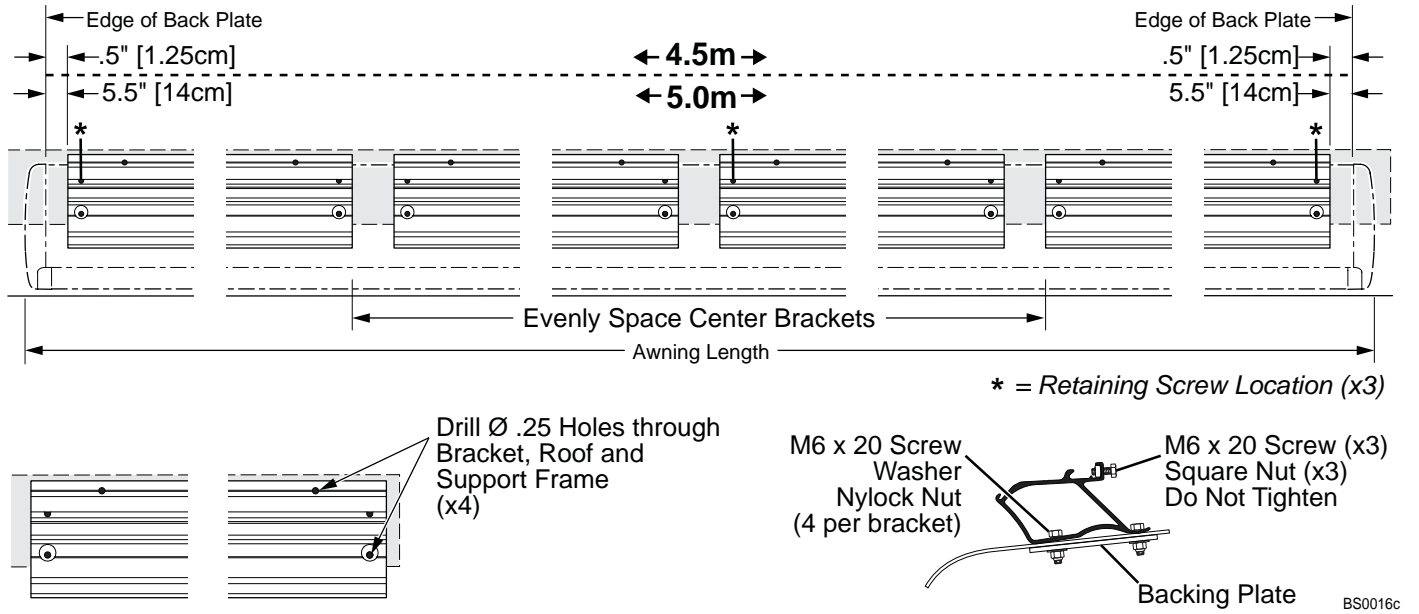
4. In the interior, there must be structural framing beneath the locations of the both the front and rear mounting hole locations. If there is none, the installer must furnish structural framing in these areas.

4.1. The brackets must be secured to a backing plate as large as the brackets. The backing plate must be fully attached to the structure of the vehicle.

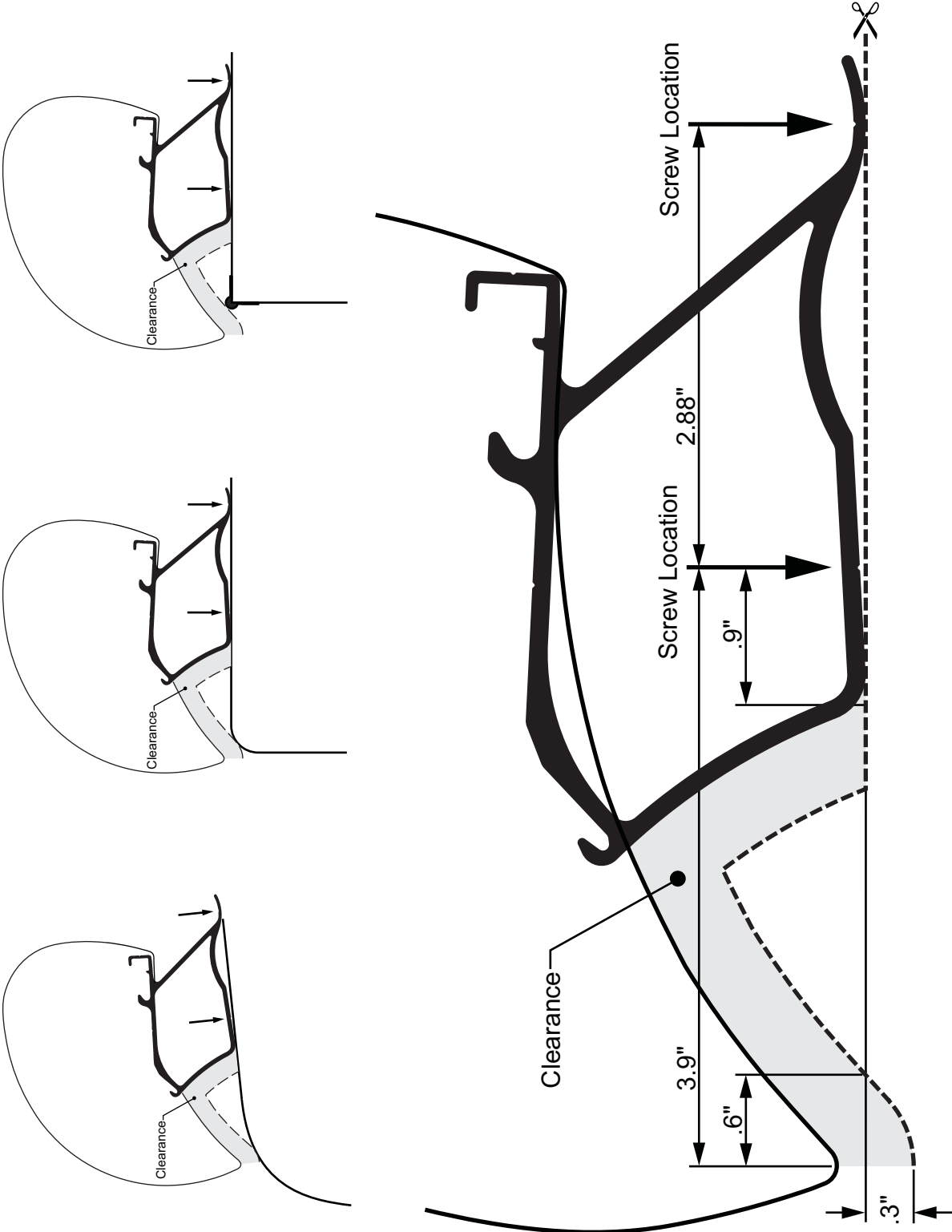
- 4.1.1. Aluminum backing plates must be a minimum .125" thick.
- 4.1.2. Steel backing plates must be a minimum 13 gauge (.09" thick).
- 4.1.3. Wood backing plates must be thick enough to allow a minimum of 1.5" of thread engagement.

NOTE: For wood backing plates it is recommended to use 1/4" lag screws and washers. The screws must be long enough to provide a minimum of 1.5" of thread engagement in the wood.

BRACKET INSTALL



1. Position the brackets on the roof.
2. The brackets must be fully supported by structure and/or the installer furnished backing plates.
3. Drill four (4) 1/4" holes through the brackets, roof and structure as shown.
4. Secure the brackets using four (4) ea M6 x 20 screws, washers and nylock nuts.
5. In the rear track of the mounting brackets, start two (2) M6 x 20 screws and square nuts through the retaining screw holes on the outside ends of the end brackets. Start a third set in one hole of a center bracket. Do not tighten at this time.
6. Mount the awning according to the installation manual for the awning.



RMF012