

# LMCURBS SNOWGUARD

## INSTALLATION INSTRUCTIONS

Stop! Has your snow retention system been designed properly with the assistance of LMCURBS?

Notice to LMCURBS product users: Specific layout and assembly schematics for LMCURBS products are the responsibility of the user or project designer.

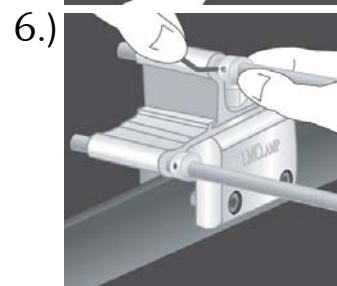
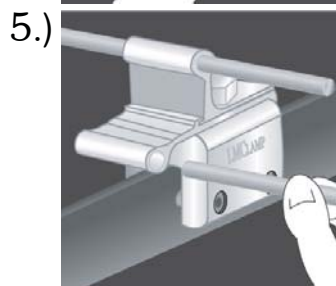
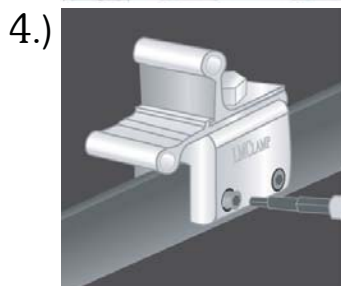
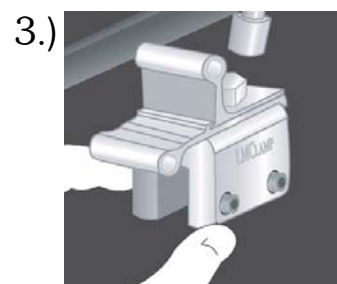
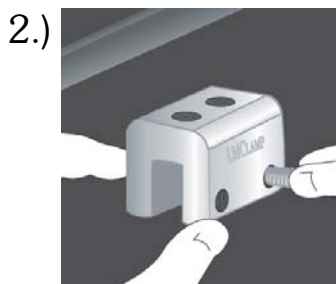
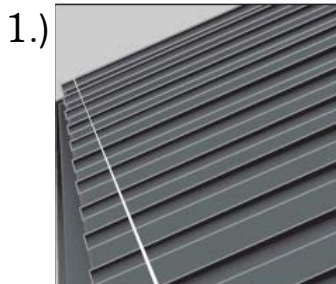
Due to the many variables involved with specific panel products, climates, snow melt phenomena, and job particulars, LMCURBS cannot and does not express any opinions as to the suitability of any LMCURBS assembly for any specific application and assumes no liability with respect thereto. The LMClamp was tested for ultimate holding strength on various seam types and materials. This information is available from LMCURBS. This document is an installation guide only and the photographs and drawings herein are for the purpose of illustrating installation tools and techniques, not system designs. Clamp spacing should never exceed 24" with standard products. Please contact LMCURBS for products to accommodate a seam spacing greater than 24".

### Tools Needed

- Electric Screw Gun
- Hack Saw
- Calibrated Torque Wrench
- String Line
- Mallet or Pliers
- Allen Wrench (included)

### To Install the LMCURBS SnowGuard System

- 1.) **Before You Start:** First, use a string line across the top of the panel seams at the desired location to establish a true line for installation of the LMClamps. Individually measuring each clamp location from the eave is **not** recommended.
- 2.) **Preparing the Clamps:** Thread the set screws partially into all clamps by hand. On folded seam profiles, the setscrew should engage the folding contours rather than the smooth side of the seam.
- 3.) **Preparing the Assembly:** Install the LMC Snow Strap-lower (and upper if installing two rod system) using the supplied 10mm flanged head bolt.
- 4.) **Install clamp assemblies onto roof panel using the string line as a guide. Tighten All Setscrews:** For maximum holding strength, setscrews should be tensioned and re-tensioned as the seam material compresses. Screw tension should be verified using a calibrated torque wrench between 160 and 180 inch pounds when used on 22ga steel and between 130 and 150 inch pounds for all other metals and thinner gauges of steel.
- 5.) **Install the 3/8" rod through the LMC Snow Straps.** If installing SnoClips, be sure to slide the SnoClip onto the lower 3/8" rod before installing the rod into the next LMC Snow Strap. The SnoClip should face upslope.
- 6.) **A 7/16" stop collar should be installed on the inside of the first & last clamp and at 48' intervals.**



#### LMCURBS WARNING!

#### PLEASE USE THIS PRODUCT RESPONSIBLY!

Any loads imposed on LMClamp(s) or attachment brackets will be transferred to the roof panels and/or building structural components. Panels must be adequately attached to the building structure to resist these loads. For critical installations, inquire for specific test data of ultimate tensile load on specific panel materials, or into specific structural components (ie: wood decking, purlins, ect.). When ultimate values are used, screw tension and/or the proper fastener should be verified and installed as tested with appropriate safety factors in place.

THE MANUFACTURER EXPRESSSES NO OPINIONS AS TO THE SUITABILITY OF THE LMClamp(S)/BRACKETS FOR ANY SPECIFIC PROJECT CONDITION. ALWAYS PROVIDE WORKER FALL PROTECTION WHEN INSTALLING LMCURBS PRODUCTS.

LMCURBS does not test or approve its products for use as a personal fall restraint device or within such a fall restraint system. LMCURBS clamps/brackets should only be used for such applications when specifically engineered and tested by a specialty company engaged in this field.

COPYRIGHT 2014 LMCURBS REV-042414

800.284.1412  
[www.lmcurs.com](http://www.lmcurs.com)