



The right way to attach almost anything to metal roofs!

## Installation Instructions

**Stop! Has your snow retention system been designed properly with the assistance of a distributor?**

**Notice to S-5! product users:** Specific layout and assembly schematics for S-5! 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, the manufacturer cannot and does not express any opinions as to the suitability of any S-5! assembly for any specific application and assumes no liability with respect thereto. More information is available from S-5! distributors as well as from the S-5! website: [www.S-5.com](http://www.S-5.com).

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. Information contained within is intended to apply to the document as a whole.

**SnoClip II™ or SnoClip III™ are optional components that can be added to your S-5! SnoRail™/SnoFence™ or S-5! ColorGard® snow retention system to further retard the migration of snow. One or two clips are used between seams (see [www.S-5.com](http://www.S-5.com) for details). SnoClip must be installed in conjunction with the ColorGard or SnoRail/SnoFence System.**

**SnapClip II™ or SnapClip III™ are optional components that can be added to your S-5! ColorGard® snow retention system to further retard the migration of snow. SnapClips can be retrofitted to existing S-5! ColorGard® snow retention systems. One or two clips are used between seams (see [www.S-5.com](http://www.S-5.com) for details).**

## Tools Needed

**Note: No tools necessary when installing SnoClip**

- Self-Tapping Stainless Steel Screws (included with SnapClip)
- 5/16" Drive Socket (NOT included with SnapClip)
- Screw Gun\*

\* time saving tool recommendations contact S-5!

## Determining Lock Position

**STOP!** Be sure you are using the correct SnoClip or SnapClip and correct lock position! Use of the incorrect SnoClip or SnapClip lock position can cause damage to the snow retention system or roof. Below is a guideline for determining which SnoClip or SnapClip and lock position to use; however, it is important to note that when panel deflection is not limited by purlins or roof deck immediately beneath the SnoClip foot, the lock position recommendations below may not be suitable. Should panel deflection be excessive causing SnoClip or SnapClip to rotate under load, these components should not be used. When installing any S-5! snow retention assembly with SnoClip, be sure that the toe of the SnoClip part bears on an area of the roof panel that is well supported and not subject to excessive deflection.

	SnoClip/SnapClip II	SnoClip/SnapClip III
	Designed for seam heights of 1" to 1-1/2"	Designed for seam heights of 1-3/4" to 3-1/4"
<b>Lock 1</b>	1-3/8" – 1-1/2"	2-7/8" – 3-1/4"
<b>Lock 2</b>	1" – 1-3/8"	2-3/8" – 2-7/8"
<b>Lock 3</b>	N/A	1-3/4" – 2-1/2"

**Warning:** SnoClip/SnapClip III should **not** be used on 3" horizontal seams.

Visit [www.S-5.com/ChooseYourLock](http://www.S-5.com/ChooseYourLock) for further recommendations concerning proper lock positioning.

These instructions are for use by those experienced in the trade. Always follow appropriate safety precautions and use appropriate tools.

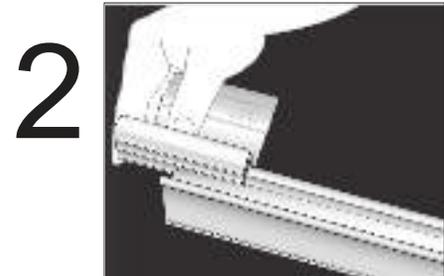
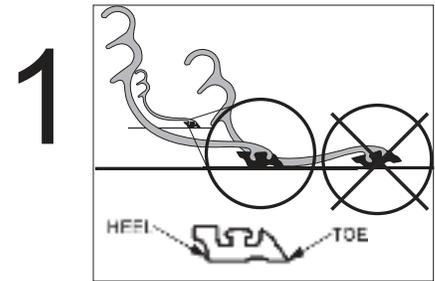
## Installing SnoClip™

(New Construction)

**IMPORTANT NOTICE! — SnoClip design has changed. SnoClip must now slide on from the end of the ColorGard crossmember. Be sure to slide SnoClip onto assembly before attaching crossmember to clamps.**

1. Determine which of the two SnoClip II lock positions (or which of the three SnoClip III lock positions) will result in the rubber “foot” resting properly on the panel surface. When applying downward pressure on the part, the “toe” should engage the surface of the panel just before the “heel.”
2. Slide SnoClips on the ColorGard or SnoRail/SnoFence crossmember from either end before fastening to clamps. Align the SnoClips so one is centered between each seam (in cases when seam spacing is >24" two clips may be used). Proceed to fasten the ColorGard or SnoRail/SnoFence to the rooftop clamps by following the appropriate installation instructions.

**Important:** SnoClip should be placed between panel striations not on top.



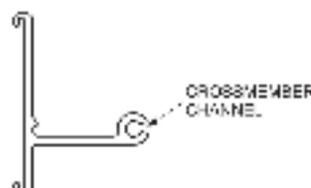
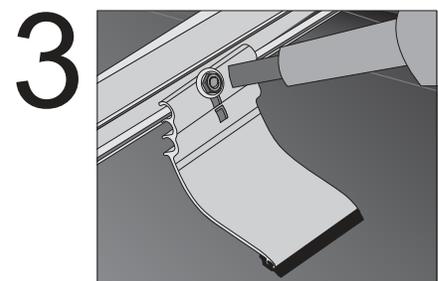
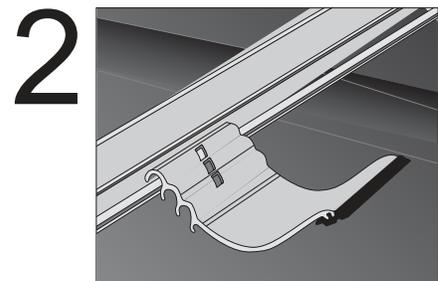
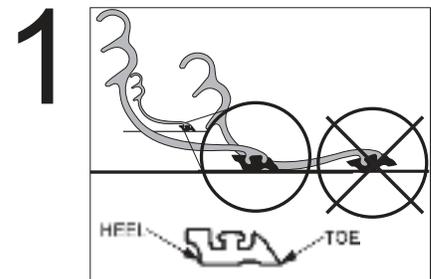
## Installing SnapClip™

(Retro-fit Application)

1. Determine which of the two SnapClip II lock positions (or which of the three SnapClip III lock positions) will result in the rubber “foot” resting properly on the panel surface. When applying downward pressure on the part, the “toe” should engage the surface of the panel just before the “heel.”
2. Center SnapClip on the ColorGard crossmember between two clamps when using one SnapClip per panel. When using two SnapClips per panel, space SnapClips an equal distance from seam and other SnapClip. Snap the appropriate SnapClip lock onto the ColorGard crossmember of your snow retention assembly.

**Important:** SnapClip should be placed between panel striations not on top.

3. Secure the SnapClip directly into the crossmember by driving the screw through the pre-punched holes of the SnapClip and into the channel of the crossmember using a 5/16" drive socket. Be careful not to overtighten the screws; if screw gun RPMs accelerate, it has likely been stripped out. If a fastener has been stripped, it is important to remove the fastener and shift the SnapClip over slightly and re-fasten. To avoid stripping, use a screw gun with adjustable torque clutch.



**S-5!® Warning! Please use this product responsibly!**

Products are protected by multiple U.S. and foreign patents. For published data regarding holding strength, fastener torque, patents, and trademarks, visit the S-5! website at [www.S-5.com](http://www.S-5.com).

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SNOW231-V1.1-0318