

ASG33G-U and ASG33G-T Snow Guard Installation Instructions

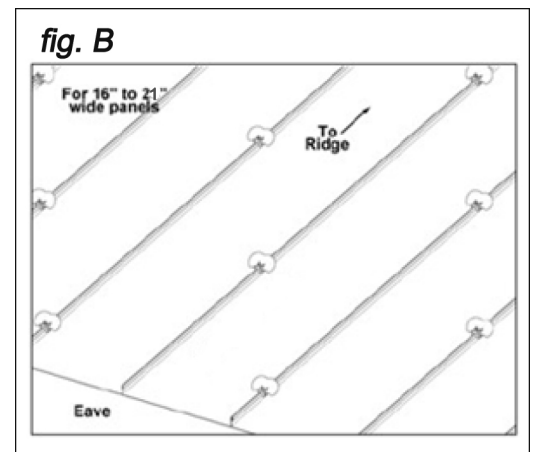
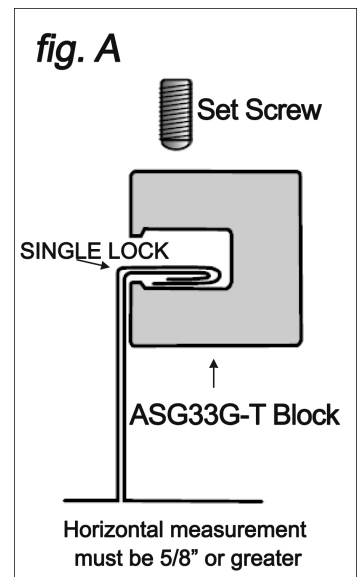
Typical Roof Types:

- Vertical standing seam / Double lock panels
- Horizontal standing seam / Single lock panels

Installation:

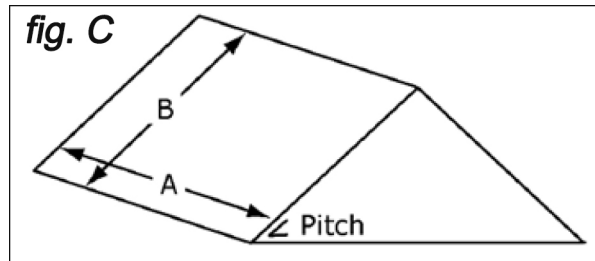
Note: Snow guards are shipped unassembled; the clamp is to be attached to the seam before the bracket is mounted!

1. When attaching blocks (clamps) to machine folded seams, (regardless of panel profile and geometry), the ASG block is designed to engage seams by pinching the seams with 2 stainless steel set screws. For horizontal seam applications (inverted "L"), set screws must be accessible from the top of the block for tightening (*fig. A*). On snap together type seams, orient the block so that the set screws are opposite the open, or overlap side of the seam. On some types of panel seams, the aspect of block orientation is not critical.
2. **Note:** Some horizontal seams may require additional hand crimping at the clamp location.
3. BOTH SET SCREWS SHOULD BE INSTALLED INTO THE SAME SIDE OF THE CLAMP; USE ONLY TWO SET SCREWS PER CLAMP.
4. Position the blocks (clamps) appropriately on the panel seam. Using a 3/16" Allen wrench attachment tip for a 1/4" drive screw gun, tighten and re-tighten set screws as the seam material compresses. On low seam profiles, a 4" bit extension on the screw gun may help to access the set screw. Tighten set screws to a torque value of 140-180 in-lbs.
5. After the clamp has been installed on the seam, attach the flag using the supplied bolt and washer.
6. Torque the bolt to 115 in-lb.
7. Snow Guards may be installed in either a straight line along the eave or in a staggered pattern. If using a staggered pattern, the stagger should not be more than panel width (*fig. B*).



Information Required for Layout (*fig. C*)

- Length along eave (A)
- Distance eave to peak (B)
- Panel width and seam configuration
- Roof pitch
- Ground Snow Load (psf)
- Panel manufacturer and model



Location of First Row (*fig. D*)

The first row of snow guards should be installed above the line of the exterior supporting wall, not on the overhang. Contact Alpine SnowGuards for a recommended layout.

