

Solar SnowMax-Universal (SSM-U) Snow Guard Installation Instructions
Solar Snow Management System

TYPICAL APPLICATION

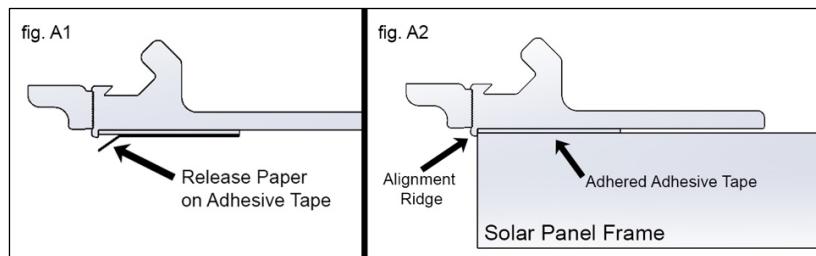
- Solar Array (leading edge panels only)

INSTALLATION

SSM-U-BRKT

Note: Maximum bracket spacing is 68"

1. Using supplied bolt, attach Extension Ledge to SSM-U-BRKT. Extension Ledge allows SSM-BAR-2" to seat properly.
2. Remove release paper from adhesive tape on underside of bracket (fig. A1).

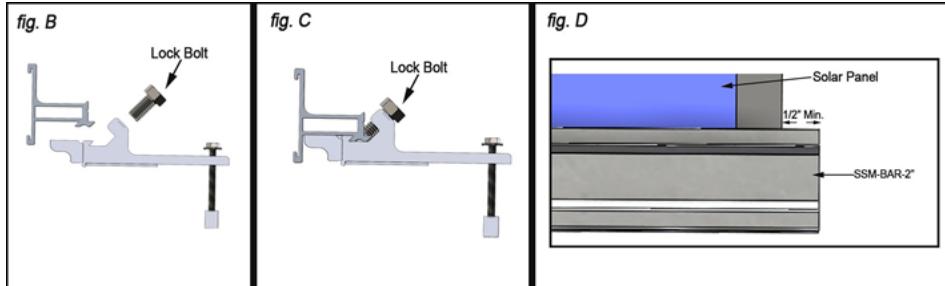


3. Drop T-nut in vertical joints between solar panels. Position bracket on panel frame so Alignment Ridge sits against upslope panel (fig. A2).
4. With T-nut perpendicular to panel edge, torque bolt with T-nut to a minimum of 120 inch-pounds.

Note: If array has expansion joints, contact Alpine SnowGuards to discuss 888.766.4273.

SSM-BAR-2" (2" bar)

1. Place SSM-BAR-2" into bracket's dovetail feature (fig. B).
 Install Lock Bolt and torque until bar is secure (fig. C).
Note: Bar must extend a minimum of 1/2" beyond each side of solar array (fig. D) to accommodate SSM-U-END BRKT.

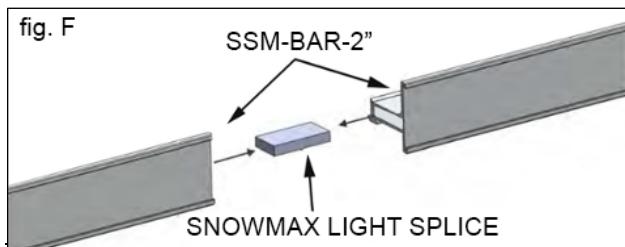


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2. To connect two sections of SSM-BAR-2", slide SNOWMAX LIGHT SPLICE into hollow chamber of SSM-BAR-2". The small ridge on one side of splice (which can be facing up or down) keeps it from sliding out of place (fig. E).

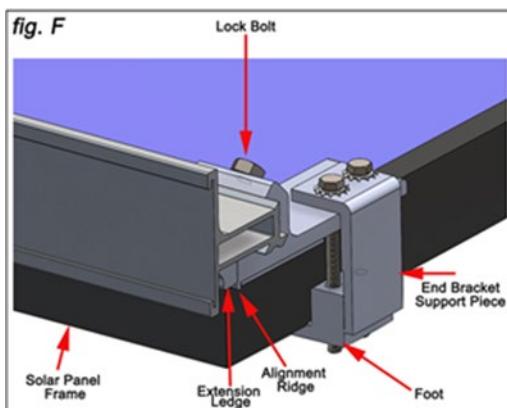
Note: The bar should not extend more than 6" - 8" past final bracket

Optional: SNOWMAX-CI-69 can be installed into face of the bar.



SSM-U-END BRKT

1. Using supplied bolt, attach Extension Ledge to SSM-U-END BRKT. Extension Ledge allows SSM- BAR-2" to seat properly.
2. Remove release paper from adhesive tape on underside of bracket (fig. A1).
3. Attach bracket to previously installed bar and position SSM-U-END BRKT foot so it engages with underside edge of solar panel frame. Lower bracket into place. **Note:** Ensure the alignment ridge sits against front edge of solar panel (fig. F).
4. Tighten Lock Bolt until bar is secure.
5. Tighten two bolts on End Bracket Support Piece to 120 inch-pounds.



Document Version 10.06.2022
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