

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

TYPICAL APPLICATION

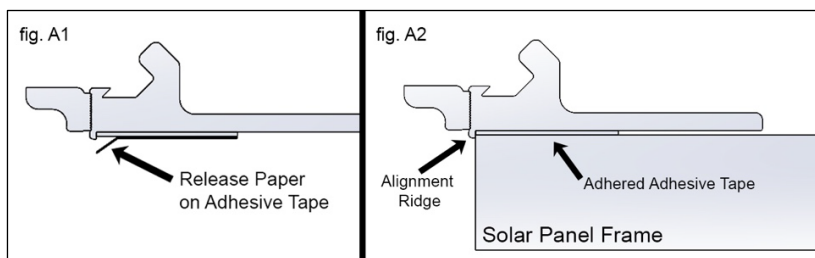
- Solar Array (leading edge panels only)

INSTALLATION

SSM-U-BRKT

Note: Maximum bracket spacing is 68"

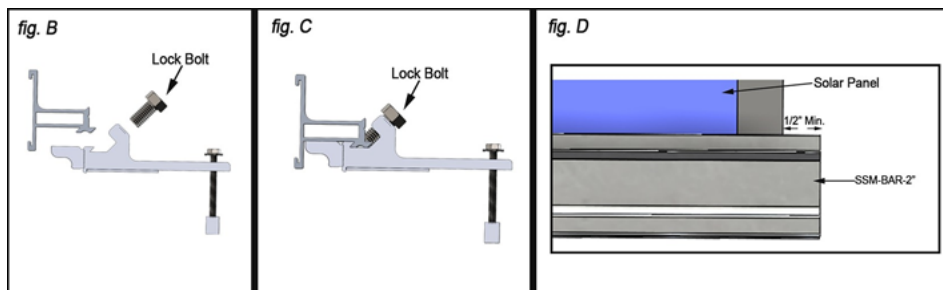
1. Using supplied bolt, attach Extension Ledge to SSM-U-BRKT. Extension Ledge allows SSM-BAR-2" to seat properly.
2. Remove release paper from adhesive tape on underside of bracket (*fig. A1*).



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.

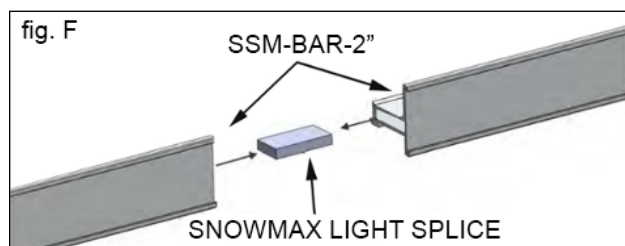


Solar SnowMax-Universal (SSM-U) Snow Guard Installation Instructions Solar Snow Management System

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.

