

# SunGrabber™

## -Accessories-

### Part Number 250-1 (High Wind Roof/Rack Mounting Kit)

**Application:** This kit is intended for high wind applications, and is to be used in addition to the roof/rack mounting hardware included in your system. One kit is required for every two panels used in a system; one additional kit is required to complete the system. (Example: A system with (8) 2' panels requires 5 kits)

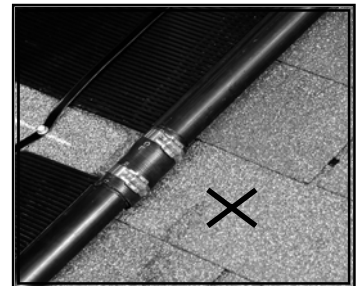
Kit Contents	
Quantity	Description
1	32" vinyl strap
1	32" polyester strap
3	62" polyester strap
5	mounting cap and base
5	2" x 1/4" mounting screws


**Additional Parts Required:** roofing mastic

**Tools Required:** cordless drill, 1/8" drill bit, 1/2" socket driver, marking pencil, tape measure

### INSTALLATION

1. Mark a spot on the roof 4" to 7" to the side (opposite the solar panel) of every other rubber coupler location and drill an 1/8" pilot hole.
2. Apply roofing mastic into the pilot hole and circular cavity on the bottom of a mounting base, insert 1/4" lag bolt, and screw the base to the roof.
3. Insert a 32" polyester strap around the UPPER couplers, lay both ends into the base, draw tight, and screw on cap. These straps will prevent your system from sliding downward.
4. Use a 1/2" socket driver to tighten caps to bases.



 **When tightening caps to bases make sure you do not spin the base as this will break the seal of your sealant.**

5. Install the 62" belly straps at the middle of the panels, and 10" in from the header at both ends using the caps and bases, and following the same procedure as outlined in Steps 1 thru 4. Be sure to snug the straps prior to tightening the caps. The caps and bases in between panels will have two overlapping straps.
6. Install the 32" stretchy vinyl straps around the LOWER couplers following the same procedure outlined in Steps 1 thru 4. These straps secure the panel ends while allowing for expansion and contraction of your system.

