

SPSF SOLAR PANEL INSTALLATION

Please read all instructions before beginning!

1. Remove 4 nuts and U shaped retainer plate on the back of the solar panel.
2. Place the ball in the socket on the back of the solar panel.
3. Replace the U shaped plate.
4. Replace all nuts loosely, then tighten, finger tight, evenly. Do not fully tighten wing nuts until mount is fully installed on structure and panel is turned to southwest and tilt angle is set. See www.solarpaneltilt.com for tilt angle information for the location.
5. If the metal standoffs are being used, attach the 6"x6" metal standoff pieces to the black plastic ball base with machine screws, lock washers, and nuts provided. Tool tighten.
6. Select a solid structure location that is sunny and shadow-free all day. Stay clear of power lines and lightning rods. Do not locate the solar panel inside of screen enclosures. If attaching to fascia board, make sure it is at least 2"x 4" and well secured to rafter tails/joists.
7. Make sure you have enough wire to reach the fan.
8. Select configuration shown below that is to be used.
9. Use ball base or standoff to mark and drill 4 pilot holes in structure for 1/4" lag screws (provided). If you are attaching to masonry, you will need masonry fasteners (not provided).
10. Loosen ball and socket nuts slightly and adjust to desired angle. Rotate to face to southwest and tighten ball and socket nuts evenly.
11. Secure wire to mount with wire ties (provided).



