Go Green with a Polaris Solar Gate Operator

Dear Customer,

The Polaris is a very good choice for solar powered installations. It has an energy efficient 24 VDC motor and a power save feature (see manual) however, common sense is important when going solar.

Your solar installation will be unique based on your location, use cycles per day and additional current draw from access controls. You must take responsibility for determining if a solar package is the right option for your area and for learning your particular system by monitoring battery levels with a voltage meter on a regular basis. Once you understand whether the Solar Package you have is adequate it will not need regular monitoring.

Tips for a trouble free solar gate installation -

- Face solar panels due south (When using 2 or more panels you can face one panel slightly south east for morning sun)
- **Be sure the solar panel is mounted in full sunlight without trees or other obstacles** - you can mount the solar panel(s) remotely by extending the supplied wires with stranded wire of a gauge thick enough so there is no voltage drop **(make your splice in a water tight junction box)**
- Practice good battery maintenance and monitor voltage levels with a digital multimeter monthly
- Access controls and or high use will draw current continually so be sure to install the best Zone package for your situation
- Consider insulating the batteries in extreme heat or cold conditions with styrofoam, bubble wrap or other insulation material

 Please call the sales line at 877-313-8901 to upgrade your solar zone package

SOLAR ZONE PACKAGE

- 1 - 35 amp hour battery (to be used with standard 7 ah battery)
- 2 - 20 watt solar panels
- solar charge regulator
- battery box for 35 ah battery

Add solar panels and battery storage for higher use and or frequent overcast conditions
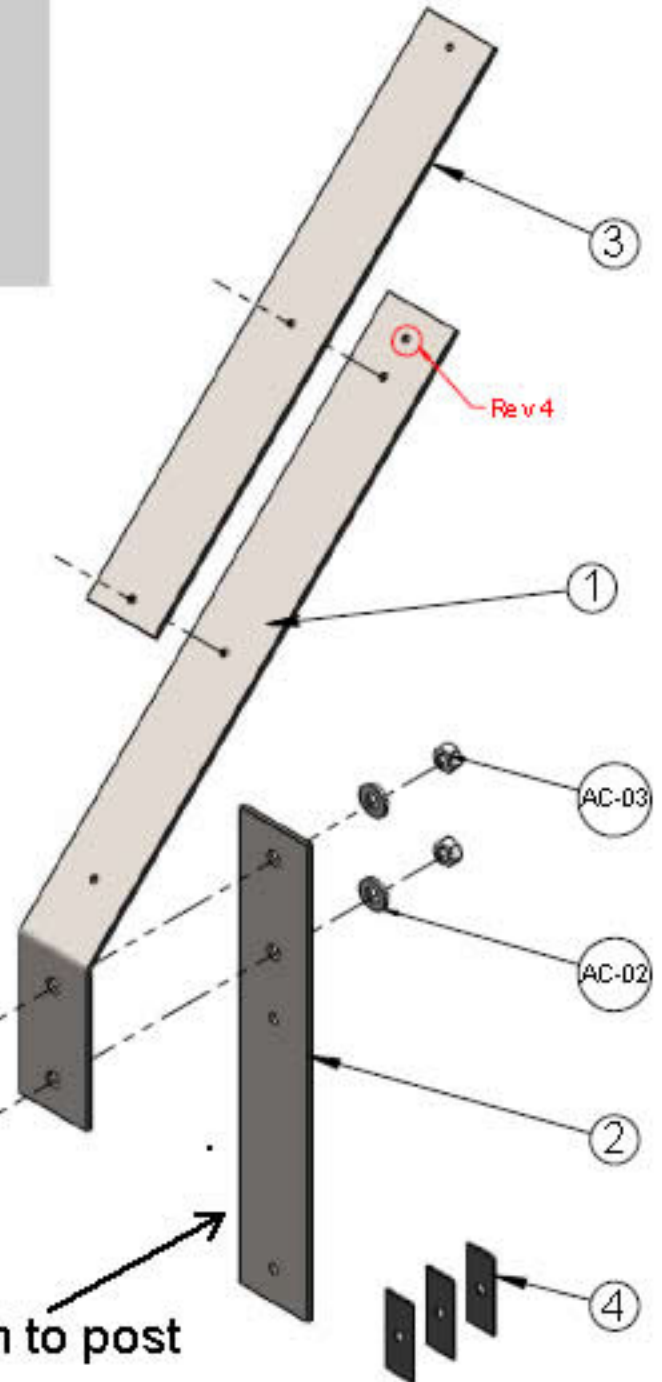
Pre Drilled Hole

Solar
Panel

Pre Drilled Hole

*Solar panel is to be mounted
horizontally. If mounted vertically,
this may require additional holes
to be drilled for brackets.
#3 bracket is only to be used in a
vertical mounting.

③

Rev 4

①

AC-03

AC-01

AC-02

Brackets #1 and #2
are pre-assembled.

②

attach to post

④

Mount panel and brackets to gate post
or separate post and face panel south.
**note: Bracket #3 may or may not be used
depending on your solar panel setup.**