

PL2200 Instruction Manual

ASSEMBLY INSTRUCTIONS

NOTE: The following steps are for reference only. Consult your local hardware store for the best installation method for your particular surface.

Lamp post base installation:

1. Put the fastening screws into the holes with their ends facing up.
2. Secure the screws to the lamp base using a wrench.
3. Make sure the lamp base is stable before installing parts to the lamp base by using 3 supplied concrete screws.
4. **Concrete floor application:** Use the base as a template, mark three holes and drill straightly 90% to the floor with concrete bit (purchased at the local hardware store), these holes shall be similar to but smaller than the screws and should line up with the lamp base holes. Depth should be approximately 1" (more than half of the concrete screws), tap the screws down snug until it hit bottom of the drill holes (it feels bouncing back & solid on the hammer when it hits the bottom) (the nut should be screwed on the anchor when tapping to keep the thread of being damaged when tapped with hammer).
5. **Soft ground application:** Cut a 36" or longer threaded rod (depending on the solid of the ground), which can be purchased at the hardware store like Home Depot, Ace Hardware, Lows' etc., get 3 more nuts & washers, use the same technique as on the concrete floor application except drilling steps, as these pieces of threaded rods can be tapped down to the ground easily.

Lamp post assembly:

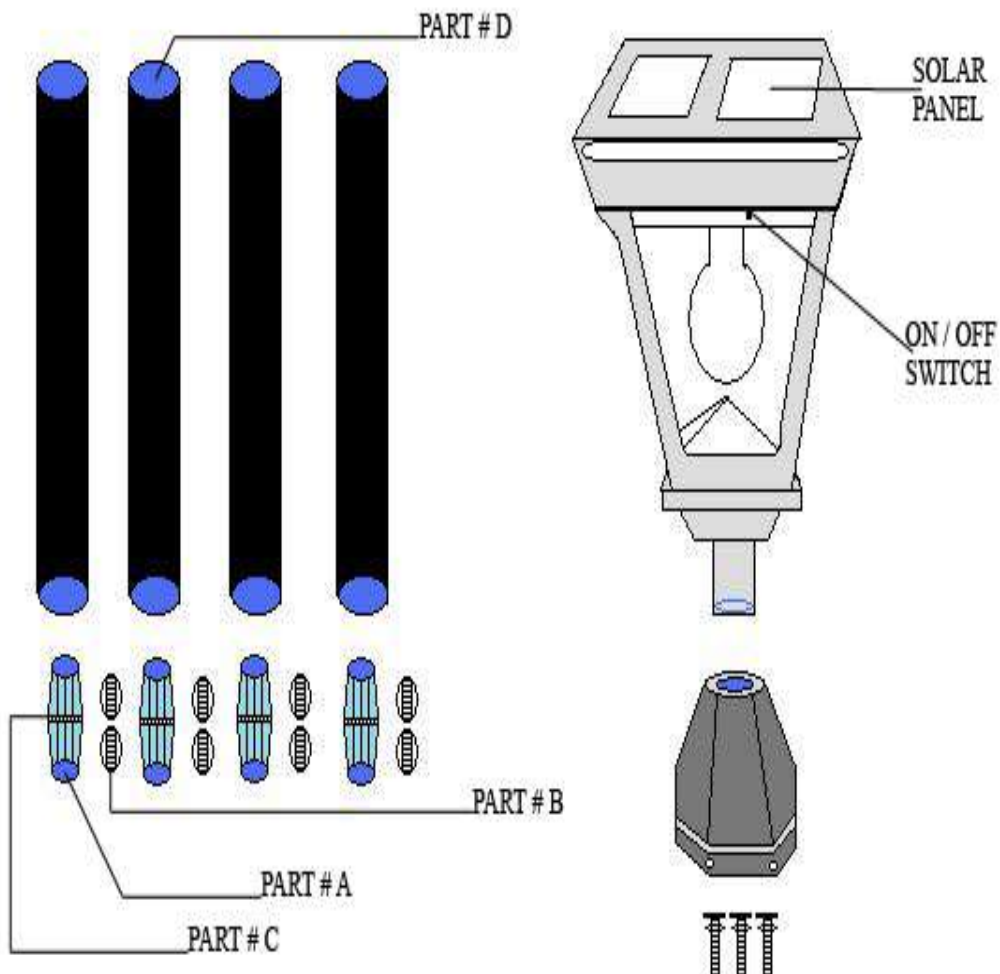
1. If part A and B are not already assembled, screw them together for 2 revolutions only. Do not tighten. The complete assembly is Part C.
2. Insert part C on to previously installed lamp post base. Insert part D (the post) in to C. Turn post clockwise until the post is secured with the base. Do not over tighten, or parts may become damaged.
3. Insert next piece of part C into post, while holding part C, turn until tighten. Do not over tighten, or the part may be damaged.
4. Repeat step 2 & 3 until desired height is achieved.
5. Install light unit onto post
6. Turn the On/Off switch on the edge of the head lamp.
7. Be sure to place your lamp post in a spot where it can receive maximum sunlight throughout the day. It will turn on automatically y at night.

Note: The solar light must be charged for two sunny days for best results.

Tools that needed but not supplied with the high post solar lamp set are: a screw driver, a wrench, concrete drill bit and an electrical drill that will be used to anchor the lamp base to the ground.

Solar Light Location

It's important to mount your solar lamp post in a spot where it will receive maximum sunlight throughout the day. Shadows cast by your home; trees and other structures will move and lengthen during the day. So please consider this before deciding on a location.



Replacing the Batteries

(After several years of use, the batteries may need to be replace)

1. Detach the top of the lamp unit by releasing the 4 screws that is mounted around the edges of the head lamp unit by releasing the 4 screws and twisting it counter-clockwise and slowly lift up the cover of the head lamp.
2. Make sure the selector switch is in "OFF" position.
3. Please remove 2 additional screws that is covering the battery holder, inside the battery holder you will find a total of three (3) 1000mAh Ni-MH AA batteries.

4. Make sure the new batteries are high quality Ni-Mh AA rechargeable pack batteries with the same 1000mAh Ni-MH batteries if you change you must use all 3 new batteries does not mix and match with the old batteries. (page 2 of 3)
5. Once the batteries is replace, be careful installing the cover back into the head lamp, make sure the cover that have the “On/OFF” switch is on the same side line together before assemble the screws.
6. Reassemble the unit by reversing the above procedure.

WARNING: Do not dispose of Ni-Mh batteries in the regular trash, municipal waste stream or by fire as batteries may leak or explode. Do not open, host circuit or mutilate batteries as injury may occur. Preserve our environment by recycling Ni-Mh batteries or disposing of them in accordance with local, State and federal regulations. Do not mix old and new batteries. Do not mix Alkaline, Standard (Carbon-Zinc) or rechargeable (Nickel Cadmium) batteries.

Maintenance

Clean the solar module regularly with a damp towel to guarantee optimum performance of the solar panel. Do not use any type of solvent for cleaning and be careful not to put too much pressure on the module while cleaning.

Troubleshooting

If your solar charged light does not come on at dusk despite observance of all the instructions, please try the following steps:

1. Make sure that the solar light is not being affected by any other light source.
2. Make sure the switch is in “On” Position near the edge of the head lamp unit.
3. Ensure the solar light is not positioned in the shade during the day.
4. Check that the batteries are installed correctly.

NOTE: The performance of the solar light will vary with the time of the year. It will deliver more light when it has had a full day in the sun rather than a day in overcast weather.

WINTERTIME TIPS: Keep snow and debris cleaned off the solar panels so the batteries can recharge. If the lights are covered with snow for an extended period of time, after the snow melts, allow all the batteries to charge in full, direct sunlight for at least 6 hours to their maximum capacity.

WARNING: Please keep out of reach of children.

