

Battery Replacement Instructions

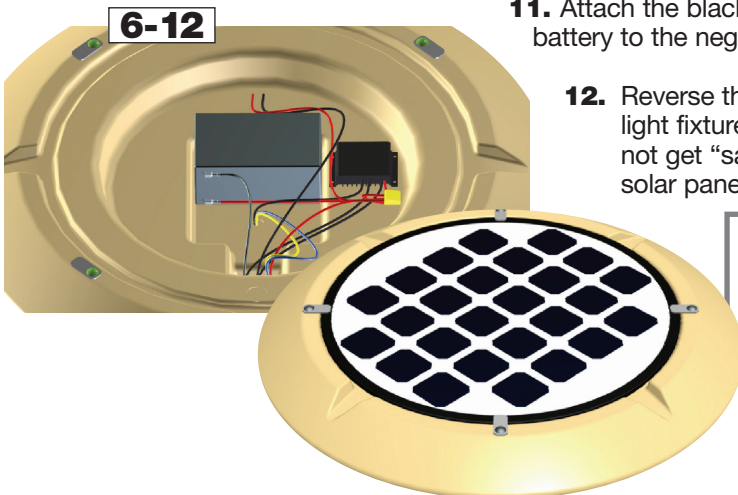
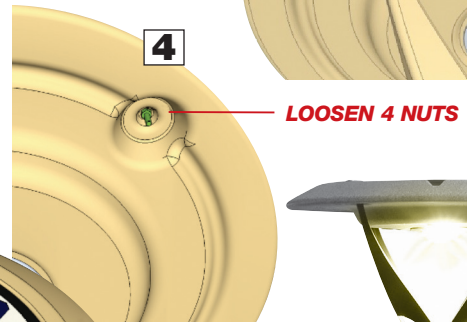
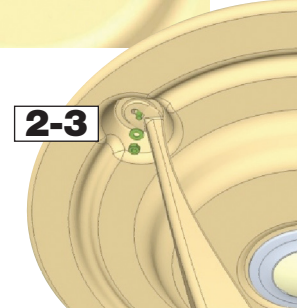
*Eventually, your battery will reach the end of its life.
Your battery life will vary due to use and environmental conditions in your area.*



CAUTION: REMOVE ALL WRISTWATCHES AND JEWELRY BEFORE HANDLING ANY BATTERY. THESE ITEMS CAN MAKE CONTACT WITH THE BATTERY TERMINALS CAUSING A SHORT-CIRCUIT RESULTING IN SERIOUS INJURY.

Tool Required: 1/4" socket wrench

1. Remove both fuses located near the switch.
2. Remove the four hex nuts and washers that secure the light fixture to the support riser assembly.
3. Remove the light fixture from the support riser assembly.
4. Slightly loosen the four additional hex nuts. Do not remove the nuts.
5. Twist the retainer clips on the top of the light fixture and carefully tilt the solar panel. Care should be taken not to pull the wires while tilting the panel.
6. Identify and locate the battery in the center of the assembly.
7. Disconnect the red and black wires from the battery.
8. The battery is attached to the light assembly with Velcro. Pull battery from the assembly.
9. Locate your replacement battery, attached provided Velcro and re-insert battery into the fixture. (Additional Velcro is included if the side of Velcro attached to the light fixture comes off).
10. Attach the red wire you removed from the battery to the positive pole of the new battery.
11. Attach the black wire you removed from the battery to the negative pole of the new battery.
12. Reverse the instructions to re-assemble the light fixture. Make sure the wire connectors do not get "sandwiched" between the battery and solar panel when re-assembling.



To complete battery replacement you must re-initialize the system — see instructions on reverse.



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Battery Re-initialization and Fuse Installation Instructions

SunLight 180 contains a microprocessor that must be powered and initialized by installing two fuses in the proper sequence.



IMPORTANT! Initializing the System

Fuse Installation

SunLight 180 contains a microprocessor that must be powered and initialized by installing two fuses in the proper sequence.



INSTALLING FUSES OUT-OF-SEQUENCE WILL CAUSE IMPROPER START-UP OF THE MICROPROCESSOR AND MAY RESULT IN SYSTEM FAILURE. IF FUSES ARE INSTALLED OUT OF SEQUENCE, REMOVE ALL FUSES AND START THE SEQUENCE AGAIN. ALWAYS INITIATE SUNLIGHT 180 IN FULL SUN OR UNDER BRIGHT LIGHT. FAILURE TO DO SO MAY RESULT IN A DELAY IN OPERATION.

1. Locate fuse holders near light switch.
2. Flip the switch to the 'High' or 'Low' position.
3. ***Begin with fuse holder farthest from the switch.*** Insert fuse and tighten cap. At the point of connectivity, the fixture light will flash once indicating power has been established to the microprocessor.

4. ***Wait 10 seconds before installing the second fuse*** to allow the necessary amount of time for the microprocessor to complete its boot stage.
5. Install the second fuse into the fuse holder closest to the switch to complete Initialization.
6. For best results after initialization, flip the switch to the 'off' position and allow SunLight 180 to charge in full sun for two days prior to switching the switch to the 'on' position. This ensures the battery has been charged sufficiently to operate the system reliably.

The system WILL continue to charge even with the switch in the off position.



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