

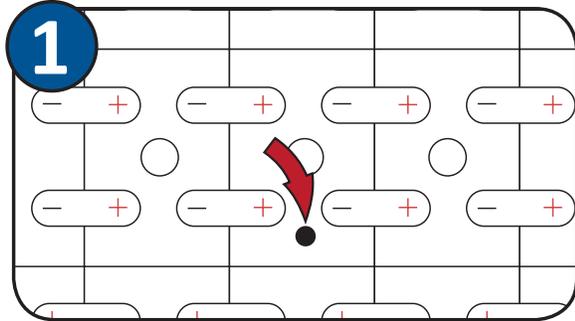
# Eagle Eye™ Level Light

## Installation and Operation Instructions

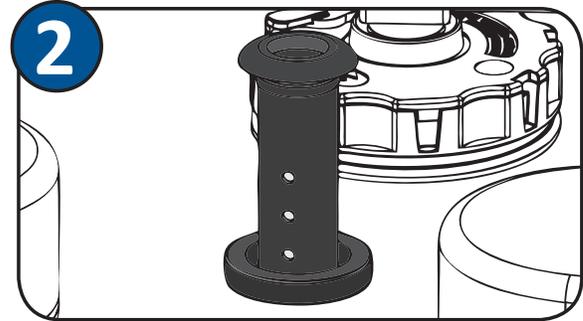
Contents
(1) Eagle Eye Level Light
(2) stainless steel screws with threaded inserts
(1) Grommet
(1) Instruction Sheet

Tools Required
Drill
Approved 1/2" Drill Bit (p/n: BA-107)
Phillips Head Screwdriver Bit
Dielectric Grease
#2 Drill Bit (.221" / 5.1634mm)
Hammer

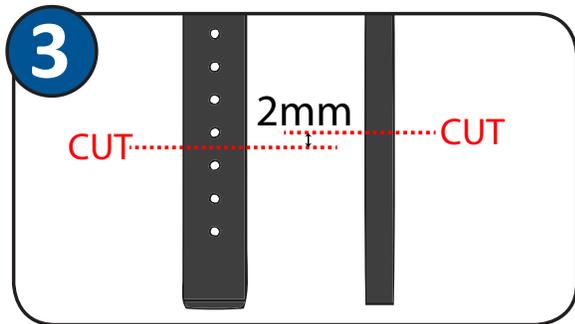
Specifications
Max current draw: 20 mA.
Nominal operating voltage: 12VDC.
Operating Temperature: 0-180 ° F.



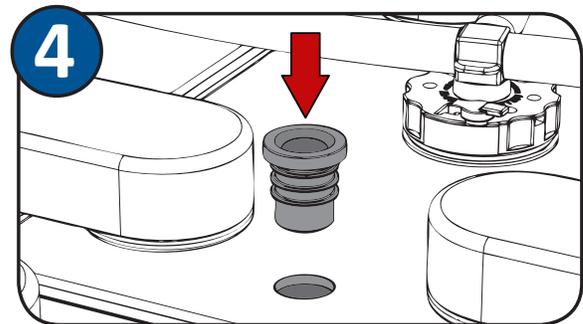
Choose probe location near the center of the battery. Drill 1/2" diameter hole in the cell cover with approved drill bit. Make sure there is clearance down to the plates and around the probe before drilling.



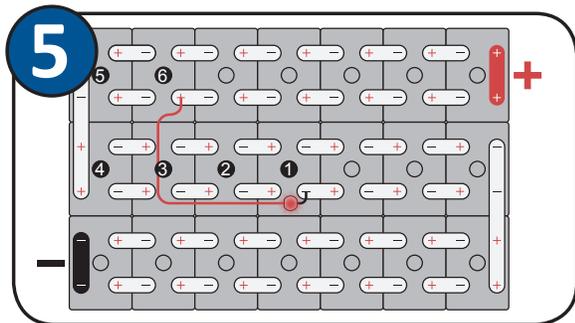
Place the gauge guard into the drilled hole until it stops. Count the number of visible holes on the gauge guard. If the guard does not have any visible holes, remove the guard and proceed to step 4.



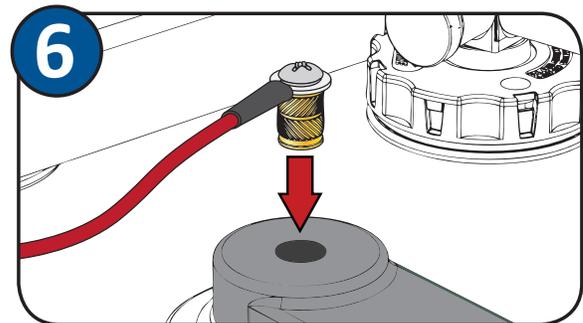
Count the same number of holes on the gauge guard starting from the bottom and cut the gauge guard at this height; cut the sensor probe 2mm shorter than the gauge guard.



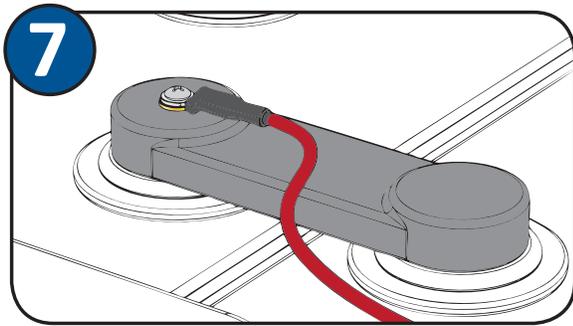
Install grommet into cell.



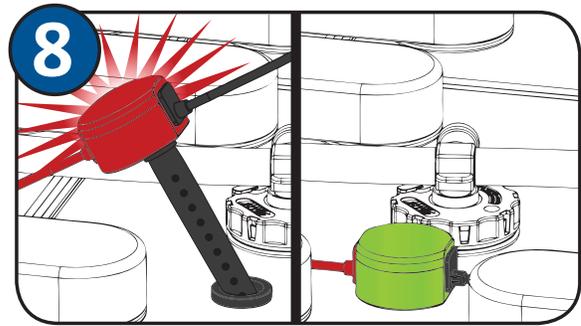
Select cell post locations for wire installation. This will require 6 cells in series with the black wire attached to the negative terminal into which the sensor is installed and the red wire attached to the positive terminal six cells up. NOTE: The wires should not be pulled tight.



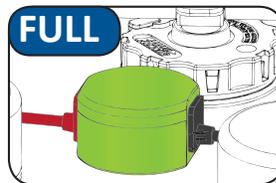
Remove the shroud and using a #2 drill bit, pre-drill a hole, 3/8" deep in the center of the post. Tap the bushing, screw and terminal into the hole with a hammer.



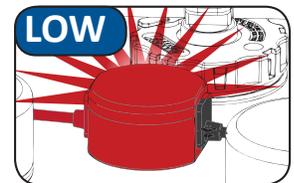
Tighten the screw. Note: Ring terminal should face down with the wire exiting at the middle of the intercell connector as shown. Apply grease to connection after securing to battery and reinstall shroud without pinching wire.



The light should now be blinking red. Insert the probe into the grommet. If the electrolyte level is normal, the light will turn to steady green.

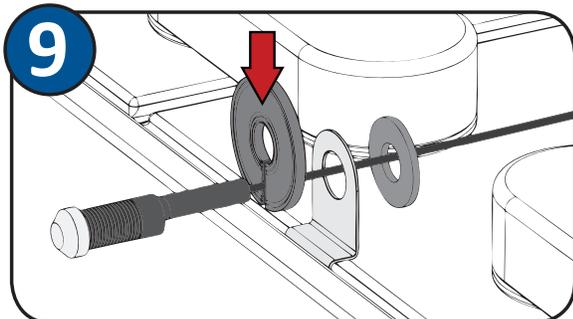


 Steady green light indicates full water level.

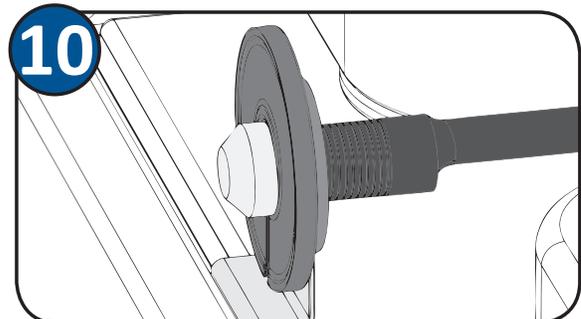


 Blinking red light indicates low water level.

## Remote Light Installation



Insert bracket between the cell and battery tray on the outside edge of the battery. Insert light through the hole in the bracket and place the slotted washer over the wire as shown.



Pull the light back through the center of the large washer and push the small washer over the back of the light assembly to secure the light to the bracket.

### **WARNING!**

*Failure to follow these instructions or use of unapproved installation equipment may cause injury and permanent damage to the product or battery. Always use personal protection equipment when working on lead acid batteries. Never work on batteries if they are gassing or on charge.*

#### NOTE:

- *This product is intended to monitor electrolyte levels inside of flooded lead acid batteries. Failure to use this product in the manner intended could compromise safety protection provided by the equipment.*
- *Probe should be wiped clean and terminals checked for corrosion each time the battery has preventative maintenance.*