



NOTICE, May 2006

Potential Fault Wizard Hazard with a Simple User Solution

Potential Fault Wizard Hazard

Innovative Utility Products Corporation strives to produce the safest possible products. On reevaluation of the internal batteries, a safety concern has arisen. The Fault Wizard uses two internal sealed lead-acid batteries to provide power to the Fault Wizard. Sealed lead-acid batteries normally are sealed from leaking both liquid and gas. However, under abnormal over-voltage charging of the batteries or physical damage to the batteries, the batteries could release hydrogen gas inside the Fault Wizard. Therefore, in the rare event that hydrogen gas is released by the batteries and if a buildup of hydrogen gas was to occur and ignite, damage to the device and possible injury to the user could occur.

Simple User Solution

The batteries are located just below the control panel inside the Fault Wizard on each side. Since hydrogen gas is much lighter than air (wants to go up), the gas will remain at the top of the case. If the hydrogen gas is not allowed to buildup in the Fault Wizard, the hazard is eliminated. The simple solution is to drill a hole through the blue case at each of the four corners of the Fault Wizard as described below. In the rare event that hydrogen gas is released from the batteries, the hydrogen gas will vent out through these holes in the case.

Procedure

Drill a small 1/8" diameter hole through the blue plastic only at each of the four corners of the case (not the lid), just below the aluminum lip. The blue plastic of the case is about 1/8" thick. The picture below shows locations for three of the four corners. Drill slightly upward to prevent water from entering into the case if the unit is exposed to a wet environment. We recommend this procedure be done to all units with serial numbers FW0749 and lower. Any units that have recently come back for repair have been modified at the factory. Visual inspection of the corners of the case can verify if the procedure has been performed.



Hole location just under lip (drill all 4 corners).