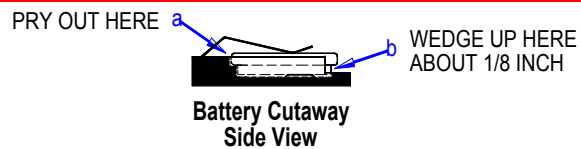
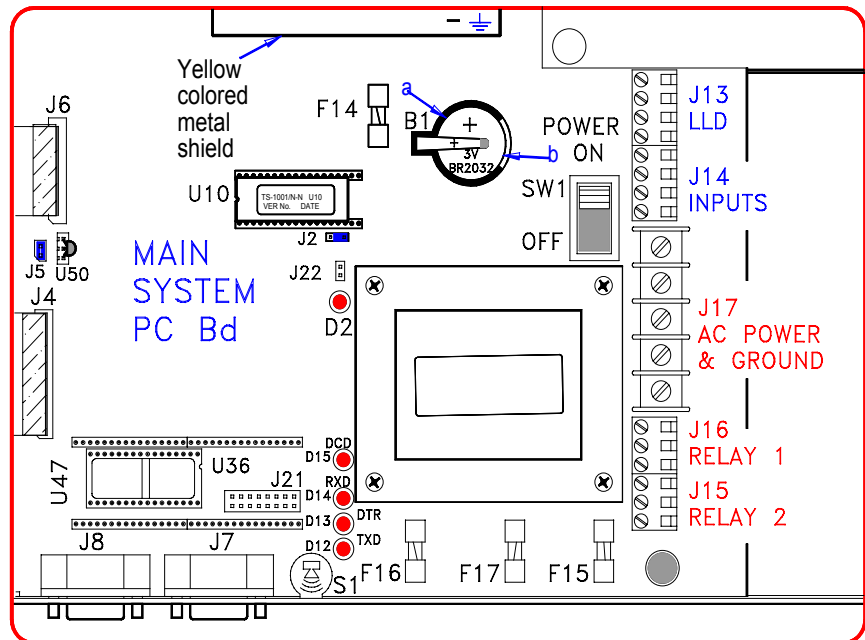


**Memory Backup Battery Replacement Instructions
 for Tank Sentinel, AutoStik, & BulkStik ATGs**

**Parts & Materials
 Required:**

One **new** 3 volt lithium battery (INCON P/N: TSSP-BAT / 390-0004), a thin piece of adhesive tape, and a digital multimeter with test probes.

Diagram:



**Testing the
 Battery (B1)**

Use a digital multimeter set to read 5 DC volts and measure the DC voltage between the + battery terminal and – ground or the yellow-colored metal shield (+2.8 to +3.3 volts DC is good).

**Replace the battery if the voltage reading is below
 2.8 volts DC**

**When to Test the
 Battery Voltage (Schedule):** Yearly after the first two years of operation or use.



DANGER Electrical Shock Hazard. Make sure all safety shields are installed to prevent electrical shocks — **DO NOT** touch any device other than the battery.

Removal & Installation Steps (with Tank Gauge Power ON & SW 1 ON):

- 1.) **Printout the complete system and tank setup reports** for all tanks. (**Note** – if the power goes out or is turned off while the battery is out of its holder then all of the setup/programmed values of the system will be lost. If this happens then the entire tank gauge will have to be reprogrammed).

Continued next page...



WARNING DO NOT let the battery fall into the tank gauge ...apply tape to the battery before attempting to remove it. This will help **prevent** it from falling on sensitive electronic circuits and causing **short circuit damage** !

WARNING DO NOT pull up more than an 1/8 of an inch on the battery holder clip. *A bent battery clip will not make good electrical contact with the battery terminal, which could cause all setup programming to be lost when a power outage occurs.*

- 2.) Carefully wedge-up, pry-out and **remove the old battery** by pulling it out as shown in Diagram A.
- 3.) From the open clip side: **insert the new battery** with the + end facing up in the battery holder. Test the battery voltage after installation to be sure that the new battery was installed, installed correctly, and that it is making good contact (the battery must be held down tightly by the battery clip).
- 4.) Discard the old battery, then close and lock the console door.

