

**Technical Support Bulletin: S3-FRNICAD-01/**

**Field Replacement of the BVS-S3 Ni-Cads**

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*This procedure outlines the steps required to replace the Ni-Cad batteries in the BVS-S3.*

**Note: Before performing this replacement, read this entire document. If you have any questions, contact BTECH Technical Support. We are here to assist you!**

**Follow the steps below when replacing the Ni-Cad batteries in your BVS.**

1. Switch RUN / STANDBY switch to Standby and NI-CAD switch to Off. Do NOT remove AC power.
2. Remove chassis cover screws see attached figure for location of screws.
3. Unplug 2 pin connector from the small Ni-Cad battery. Carefully remove screw and washer that secures the clamp to the Main printed circuit board. Slide old battery from clamp and replace with new one. Reinstall screw and reconnect the 2 pin connector.
4. Unplug 4 pin connector from the large Ni-Cad battery and remove battery from clips. If a cable tie is securing battery it should be cut. It is only used to secure battery during shipping. If the wires run under the board, cut the BLACK wire about 1/2" from end of battery and RED wire about 1" from end of battery to avoid shorting. Replace with new battery and plug in connector. Be sure connector is positioned to cover all 4 pins on header.
5. Reinstall chassis cover and switch RUN / STANDBY switch to Run and NI-CAD switch to On.

Please call **BTECH Inc.** Technical Support if any questions arise.

**Ni-Cad Battery  
Diagram**

