

Alert Level: **ADVISORY**

Software Version: N/A

Instrument: Sediment Trap Controllers with A14-1000 Battery Pack

Subject: Battery Pack Installation

Summary: The battery pack fits snugly between the plates. Steps are provided for installing a new pack.

Potential Negative Effects: None

Technical Details: Follow these steps to install a new battery pack for Sediment Trap controllers with an A14-1000 battery pack.

1. Remove the end cap and chassis from the housing (for more information about the Controller Housing end cap see "Controller Housing" in Chapter 2 of the Sediment Trap User Manual).
2. Disconnect the 2-pin battery connector from the electronics board (see Figure 1).
3. Loosen but do not remove the three screws that secure the bottom battery plate, then completely remove **two** of the screws and leave the third screw as a hinge (see Figure 2).

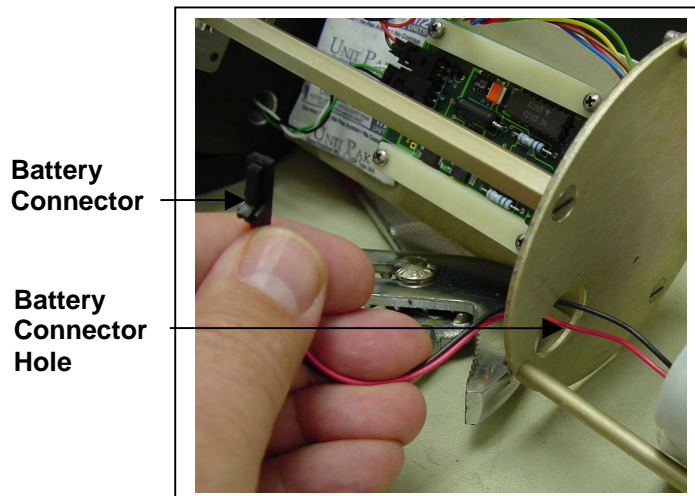


Figure 1: Disconnect 2-Wire Battery Connector

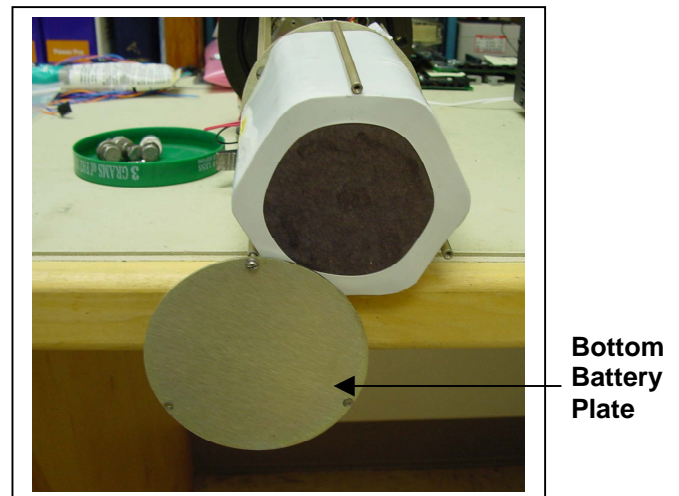


Figure 2: Remove Two of the Three Screws

4. Slide out the battery pack.
5. Place the new battery pack in the holder and align the 2-wire battery connector with the hole in the battery plate. Insert the battery connector through the hole (see Figure 1).
6. Reattach the two screws that were removed from the battery plate, (see Figure 2) and tighten all three screws until secure.