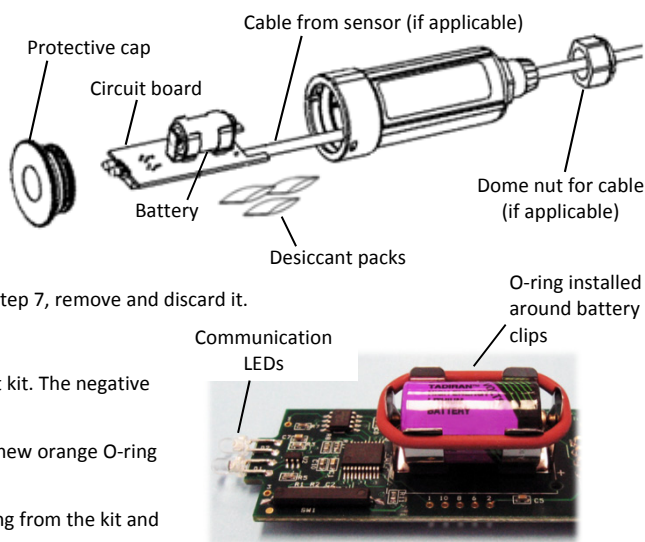


## Replacement Battery Kit (HP-B)

To change the battery in the HOBO® U23 logger:

1. Turn slightly counter-clockwise and pull to remove the protective cap. Loosen the cable dome nut on the opposite end, if the logger has an external sensor.
2. Carefully pull out the circuit board containing the battery. (If the logger has an external sensor, you will probably find it easier to push the cable(s) into the case to push the circuit board out.)
3. Examine the desiccant packs that were packed into the case. If the desiccant is not bright blue, put the desiccant packs in a warm, dry place until the blue color is restored.
4. If the logger has an O-ring around the battery clips as shown in the photo in step 7, remove and discard it.
5. Remove the old battery.
6. Install the new 1/2 AA, 3.6 Volt lithium battery from this battery replacement kit. The negative end of the battery must face towards the communication LEDs.
7. **If the logger had a black or orange O-ring around the old battery:** Place the new orange O-ring around the battery clips with the new battery installed as shown at right.

**If the logger *did not* have an O-ring around the old battery:** Discard the O-ring from the kit and do not install it. Continue to the next step.



**IMPORTANT:** Do not overstretch the O-ring during installation. Avoid cutting or nicking the O-ring on the edges of the battery clips. Make sure the O-ring is clean and free of contaminants.

8. Use a clean, dry cloth to wipe away any moisture inside the case.
9. If the logger has an external sensor, ensure the sensor cable is fully plugged into the connector on the circuit board.
10. Push the board and the desiccant packs back into the case, taking care not to bend the communication LEDs. Align the board with the grooves inside the case. (If you try to put the board in upside-down, the battery will get in the way.)
11. Make sure the O-ring on the protective cap is still in place. It should not be pinched, twisted, or trapping dirt or lint, which could interfere with the protective cap.
12. Line up the bumps on the protective cap with the notches in the logger's case. Push and turn the cap slightly clockwise. Pull the slack in the sensor cable(s) if applicable. Hand-tighten the dome nut and then turn an additional half turn with a wrench (do not force).
13. Connect the logger to the computer and click the Status button in HOBOWare to make sure all sensor readings are as expected before deploying the logger.

**⚠ WARNING:** Do not cut open, incinerate, heat above 100°C (212°F), or recharge the lithium battery. The battery may explode if the logger is exposed to extreme heat or conditions that could damage or destroy the battery case. Do not dispose of the logger or battery in fire. Do not expose the contents of the battery to water. Dispose of the battery according to local regulations for lithium batteries.