

Instructions for Replacing the HOBO® Pendant® Logger Housing (UA-PARTSKIT)

Follow these instructions to replace the HOBO Pendant logger housing components with the parts included in this kit. This kit is for HOBO Pendant models UA-001-xx, UA-002-xx, and UA-004-xx.

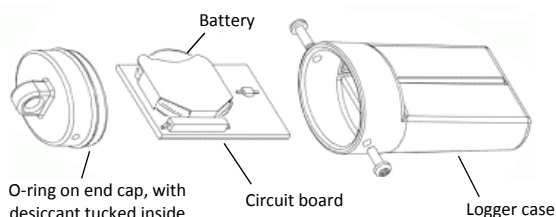
Included in this kit:

- Clear logger case
- End cap
- End cap O-ring
- Silicone-based O-ring grease
- Two end cap screws

Before you begin:

You will need a small Philips head screwdriver. The old logger should be wiped clean and dried completely before opening it.

1. Avoid electrostatic discharge while handling the logger and internal circuit board; ground yourself by touching an unpainted metal surface. Hold the circuit board by its edges and avoid touching electronics.
2. Working on a clean, dry surface, remove the two screws that secure the end cap to the old case and remove the cap. If needed, place the screwdriver through the hole in the cap to pull it out of the logger case.
3. Examine the desiccant pack that is tucked into the cap. If the desiccant is not bright blue, put the desiccant pack in a warm, dry place until the blue color is restored. Or, for faster drying, the desiccant can be dried for two hours in a 70°C (160°F) oven.
4. With the open end of the case pointing downward, gently tap the case to loosen the circuit board and remove it from the case.



5. Install the circuit board and label into the new case, carefully aligning the circuit board with the grooves in the case so that the battery faces the ridged side of the case.
6. Using your fingers (not cloth or paper), spread a small dot of the silicone-based grease on the new O-ring, just enough to moisten it all the way around and making sure that the entire O-ring surface is completely coated with grease. As you work the grease into the O-ring, make sure there is no grit or debris on the O-ring.
7. Place the O-ring on the new end cap, making sure it is fully seated and level in the groove. Make sure the O-ring is not pinched or twisted and that no dirt, lint, hair, or any debris is trapped on the O-ring. This is necessary to maintain a waterproof seal.
8. Very slightly grease the inside rim of the new case, especially around the screw holes with the silicone grease, just enough to moisten the inside edges without touching any circuitry. Make sure that there is no excess lubricant that could get onto the logger electronics or label. Make sure there is no debris on this surface.
9. Check that the desiccant pack is tucked into the new end cap.
10. Carefully push the end cap into the lubricated case until the screw holes are aligned. Visually check that the O-ring forms a uniform seal all around.
11. Fasten the end cap with the new screws. Tighten the screws until you feel them hit the bottom of the screw holes, but not so tight that they distort the clear housing.