

## ET312B Battery Module Replacement Instructions

1. Flip ET312B over so that the back side faces up.
2. Remove silver warranty sticker and other sticker (if present) to expose case screws.
3. Remove (2) case screws using a phillips-head screwdriver. Set aside.
4. While holding top and bottom of case together, carefully orient unit so that the front panel is facing up.
5. With Power OFF, remove power switch cap by pulling straight out.
6. Lift bottom edge of front panel using orange wood stick (supplied). Gently pry bottom edge up and over bottom (2) switches and power switch stem.
7. With front panel loosened: lower unit so that front panel faces toward you with top side facing up.
8. Continue lifting top half of case away from base and rotate it until the front panel faces the LCD, switches, and rest of ET312.
9. Identify battery in rear part of enclosure. It will be connected to the circuit board with two wires, one **RED** and one **BLACK**.
10. Compare the installed battery to the replacement battery included in kit. Make sure you can identify the **RED (+)** and **BLACK (-)** terminals on the new battery. They are color-coded for easy identification.
11. Remove the **RED** and **BLACK** wires from the original battery by wiggling the terminal lugs up and down while pulling outward. If needed, a small pair of insulated needle-nosed pliers may be helpful in pulling the terminal lugs. Pulling from the wire will most likely cause the wire to separate from the lug – make sure to wiggle or push the lug itself, not the wire.
12. Once the battery leads have been removed, remove (4) phillips-head screws from the far edges of the base of the battery bracket. These screws attach the battery assembly to the bottom of the enclosure.  
**Be aware of the exposed screws on bottom of plate – SHARP!**
13. Once removed, lift the battery assembly up and out and set aside.
14. Replace new battery assembly into same position as original battery.
15. Remove caps that may be covering battery terminals.
16. Replace (4) phillips-head screws into far edges of the base of battery bracket, making sure to align the battery with the mounting posts in the case bottom. Tighten enough to secure the battery. **Do not use excessive force.**
17. Connect the **RED** wire to the **RED (+)** terminal of the battery.
18. Connect the **BLACK** wire to the **BLACK (-)** terminal of the battery.
19. Ensure that battery is securely mounted to base of enclosure.
20. Ensure that **RED** and **BLACK** wires are securely attached to proper terminals of battery.
21. Fold top half of enclosure back towards bottom half. Front and rear panels should slide into their respective slots in bottom half of case.
22. Once top half is almost completely mated to bottom, press bottom edge of front panel inward over bottom (2) switches (OK and Down) and continue closing enclosure. While holding top and bottom halves together, flip unit over so that the bottom side faces up.
23. Replace bottom case screws (2). Tighten with enough force to secure case.
24. Replace power switch cap. Power unit up.
25. We advise allowing your new battery to charge before using it. 8 hours or so is usually sufficient to bring it to a fully charged condition.
26. Wrap electrical tape over exposed lugs of old battery and return to a local battery recycling location.