

Balboa Racing iStart Pro Battery Replacement

The battery used by the iStart PRO and Whistle is a SLA-1270 with F2 terminals. That is a Sealed Lead Acid Battery 12 volts DC 7 ampere hours. It is a battery that is found in alarm systems, backup power supplies. And very easy to find either locally or via retail websites.

Here is a link to one of manufacturer's data page: <https://www.power-sonic.com/product/ps-1270/>

1. Remove 4 screws from front panel
2. Remove white perimeter tape around outer edge of front panel
3. Carefully open front panel with damaging ribbon cable
4. Remove ribbon cable from motherboard using needle nose pliers on left and right side of black connector, slightly rocking clockwise and counter clockwise while pulling down
5. Put aside front panel
6. Remove 4 screws securing motherboard
7. Lift motherboard slightly, then disconnect power cable from rear side of motherboard
8. Put aside motherboard
9. Apply rubbing alcohol to hot glue joints where visible
10. Use a chisel or putty knife to break glue joints
11. Remove vent tube
12. Remove "U" channel bracket
13. With glue joints split, turn unit upside down and bang onto a solid carpeted surface until the battery/pump assembly ejects
14. Disconnect air hose from pump
15. Disassemble battery from pump
16. Replace battery with new
17. Clean up glue debris from chassis
18. Reassemble in reverse order
19. Notes: Use hot glue for reassembly except sides of "U" channel bracket, use clear PVC glue found in the plumbing dept. of hardware stores and clamp in place for a couple hours. If any motherboard mounting corners come lose, also use PVC glue.
20. Call if you have any questions.