



Protocol Videodrone AP Battery Wiring Replacement

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INTRODUCTION

This guide will show you how to replace the battery and the soldering new wires to the motherboard. This is guide includes a highly recommend soldering guide. **CAUTION:** Soldering iron will be hot and may cause minor burns if handles improperly.

TOOLS:

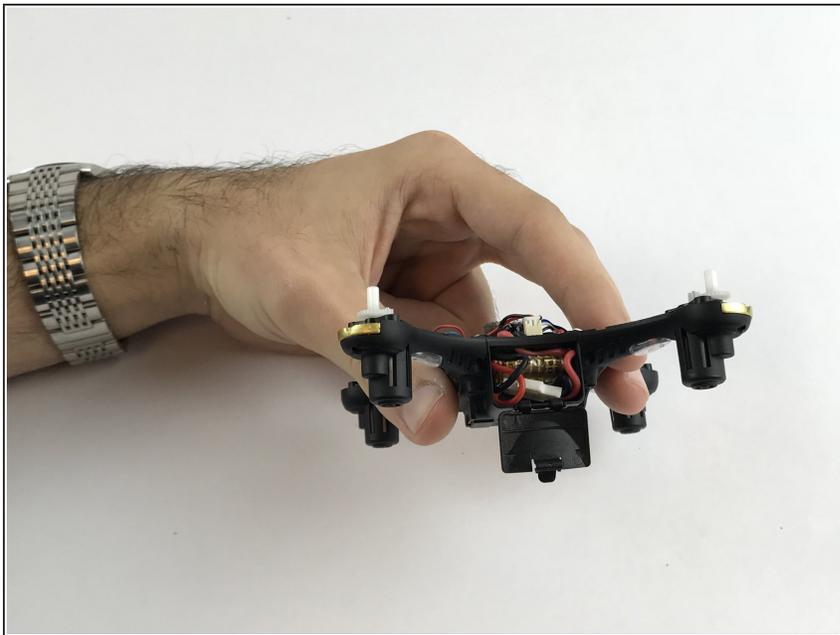
- [Soldering Iron](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
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Step 1 — Battery Wiring



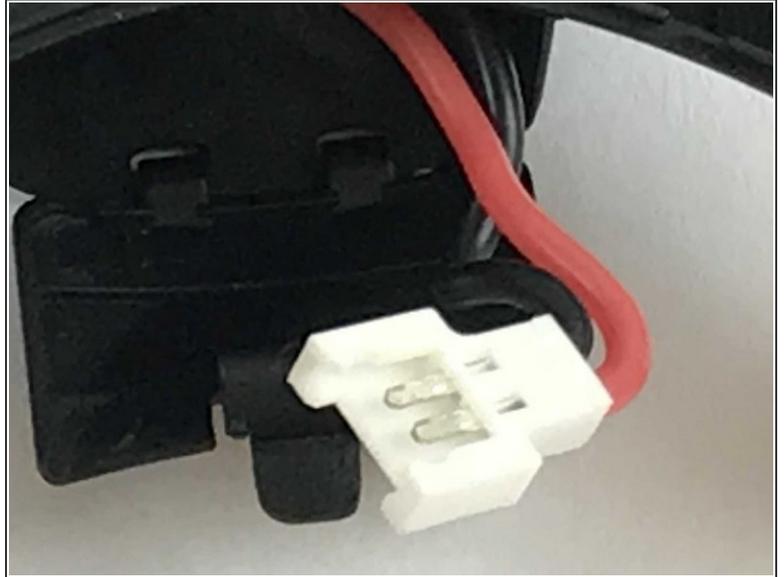
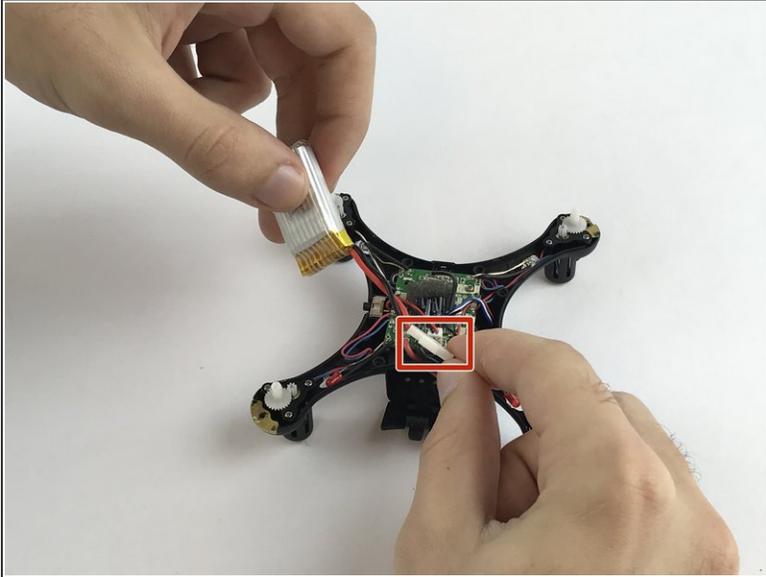
- Make sure the drone is turned off

Step 2



- Open the hatch and carefully pull out the battery to expose the cable connection

Step 3



- Carefully pull apart the cable connection

Step 4



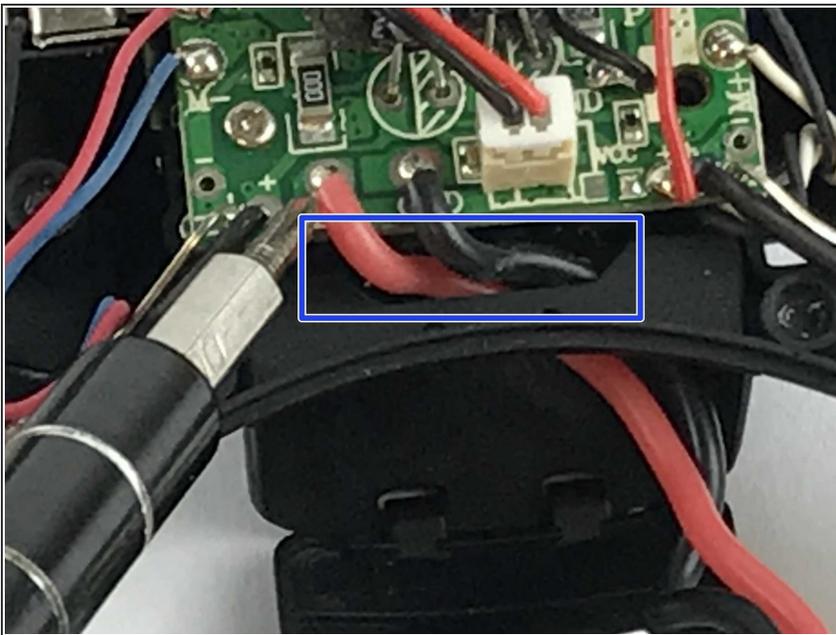
- Unscrew the 4 screws from the bottom of the drone.
- Unscrew the 8 screws connecting the propeller guards to the drone
- Unscrew the four propeller screws.
- ⓘ One screw is hidden behind the screwdriver.

Step 5



- Carefully remove faulty battery wiring from the drone

Step 6



- Feed through opening using tweezers to grasp the wire and carefully pull through.

Step 7



- Use the soldering iron to solder new wires to mother board. **CAUTION:** Soldering iron may get hot and cause minor burns if handled improperly.
- Use this guide for how to solder: <https://www.youtube.com/watch?v=QKbJxytE...>

Step 8



- Reattach the battery and test for power by turning on the drone and look for the 4 LEDs turn on.

All Done!