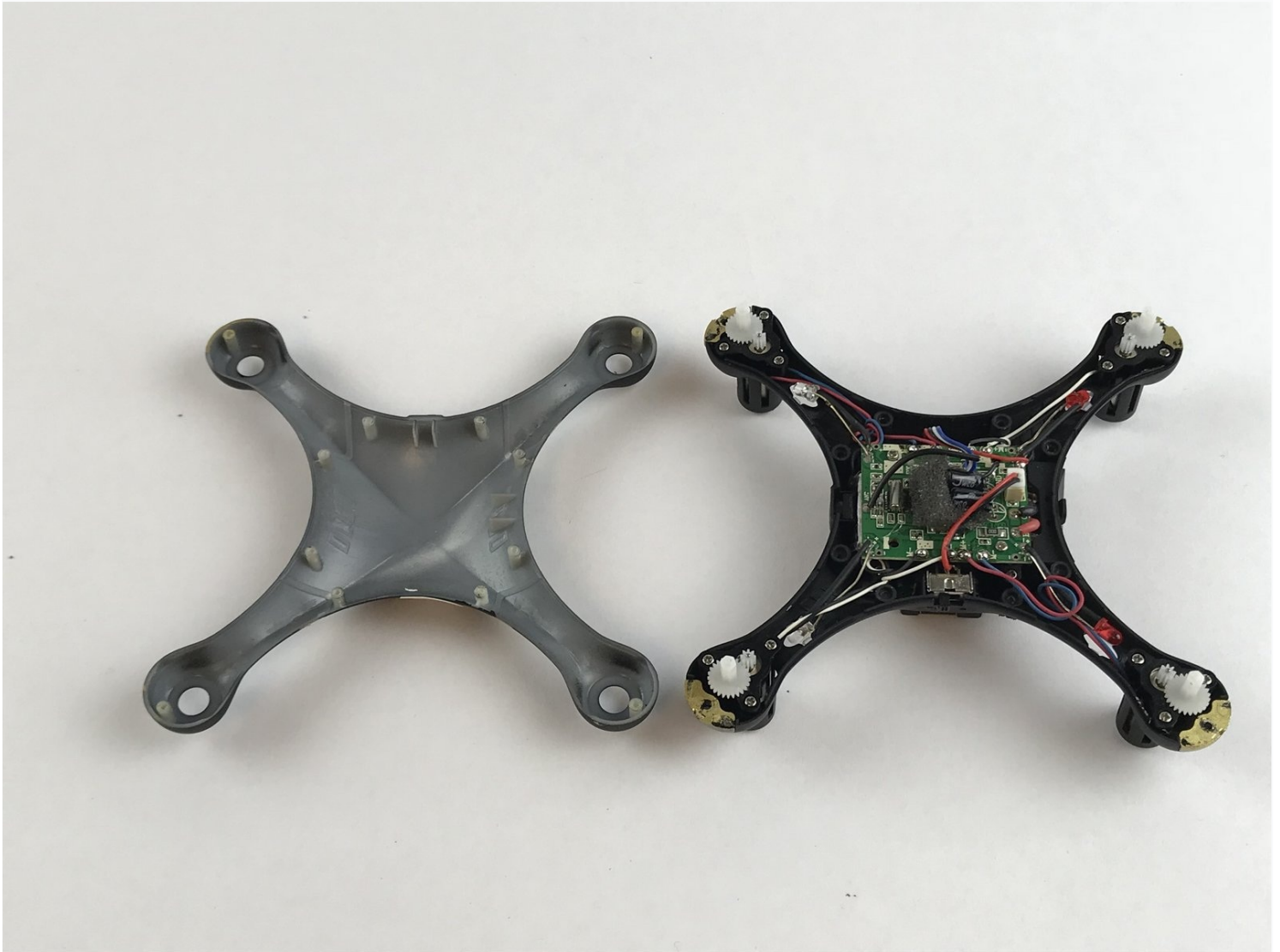# Protocol Videodrone AP Battery Wiring Replacement

This guide will show you how to replace the...
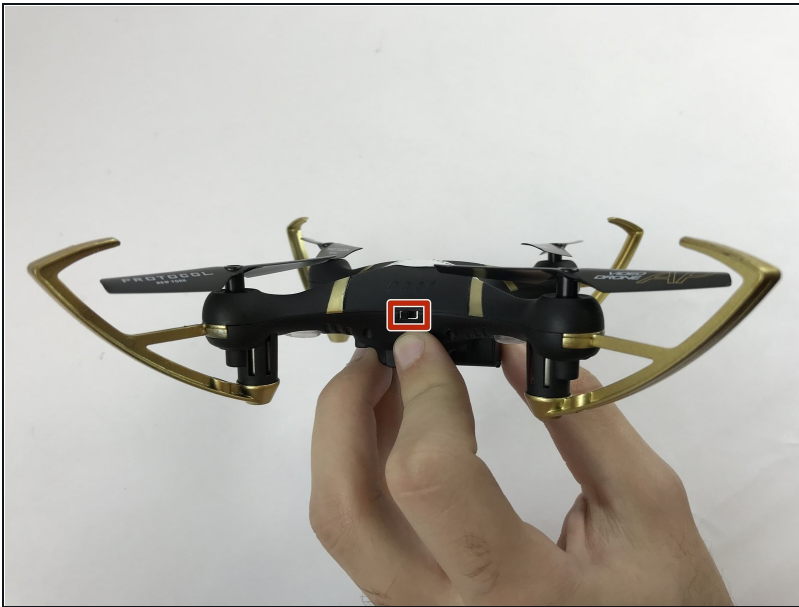
Written By: Serge

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.
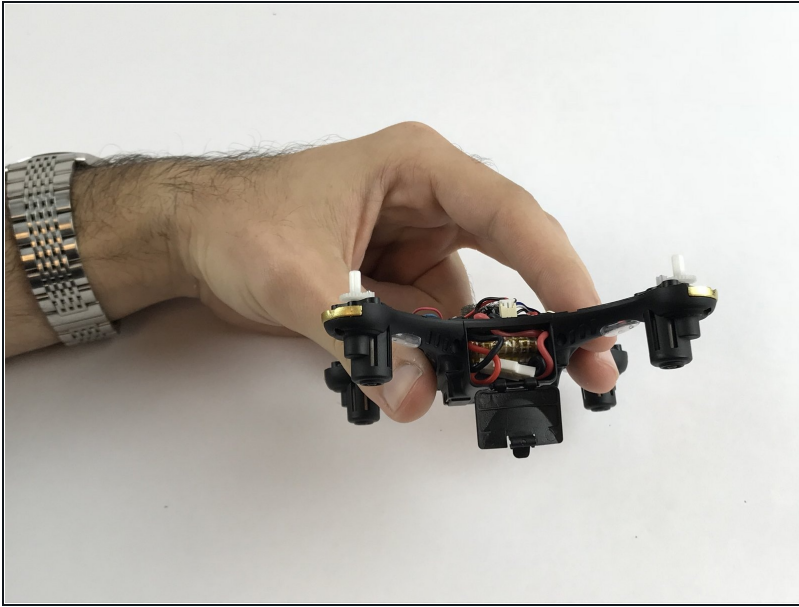
🔧 TOOLS:

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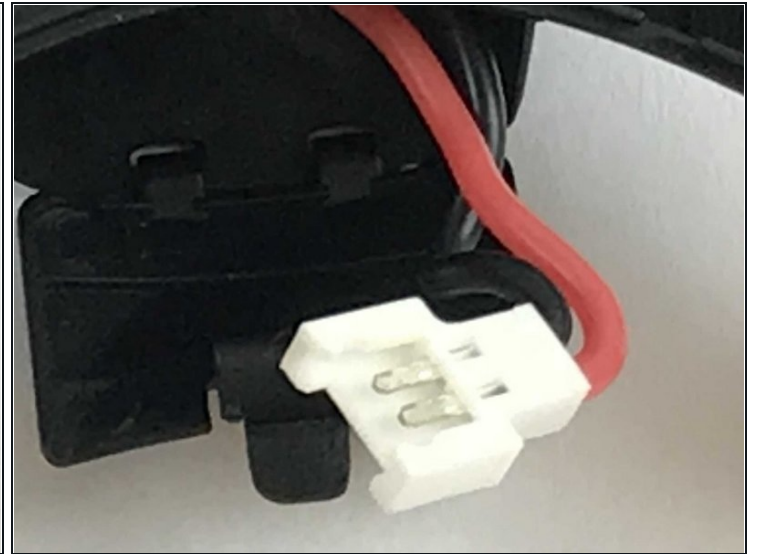Phillips #0 Screwdriver (1)
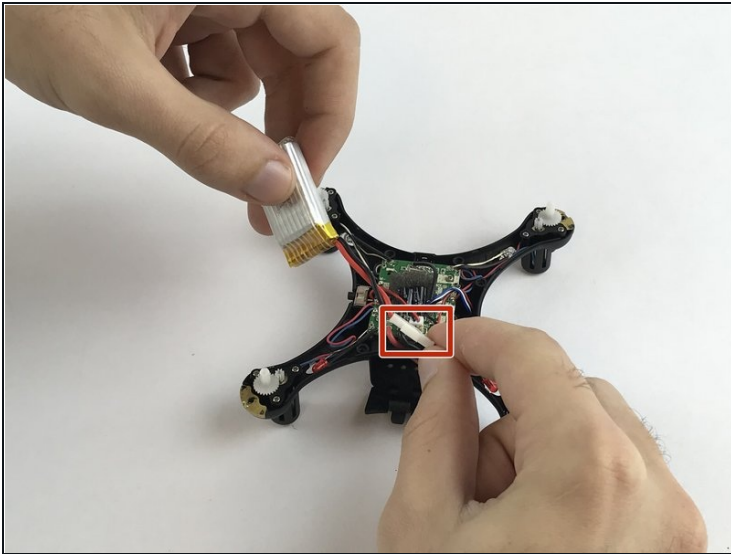
Step 1 — Battery Wiring

- Make sure the drone is turned off

Step 2

- Open the hatch and carefully pull out the battery to expose the cable connection
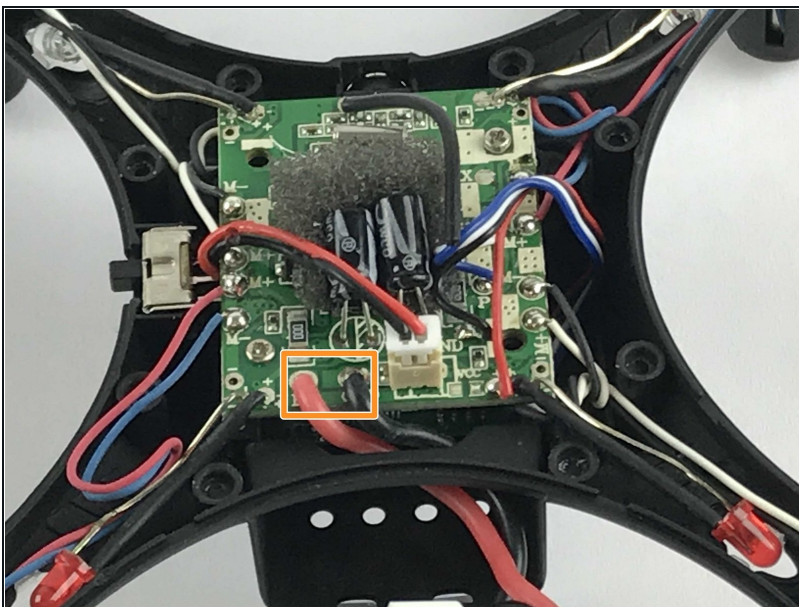
Step 3

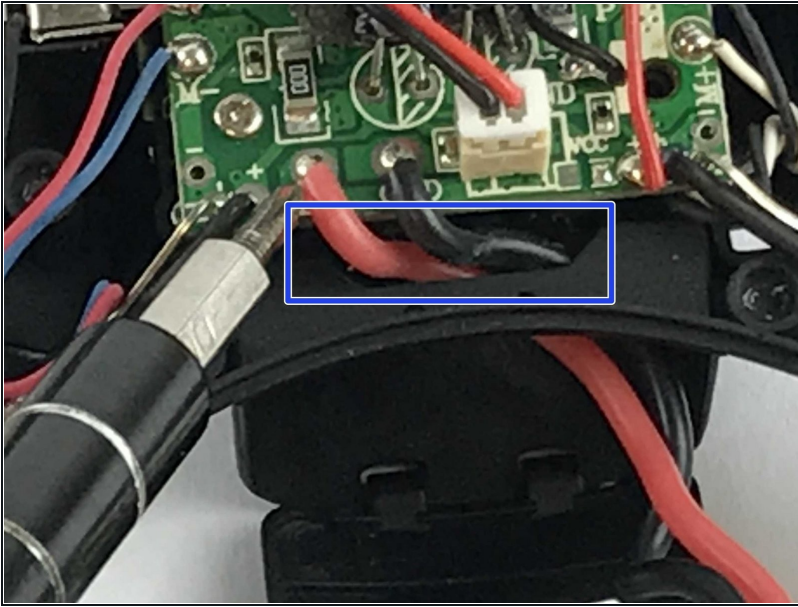- Carefully pull apart the cable connection

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.
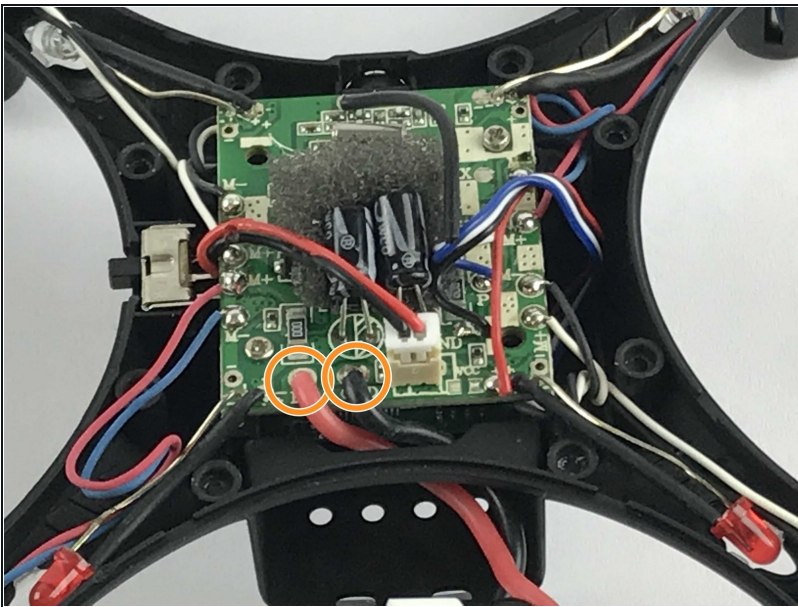 ⓘ One screw is hidden behind the screwdriver.

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!