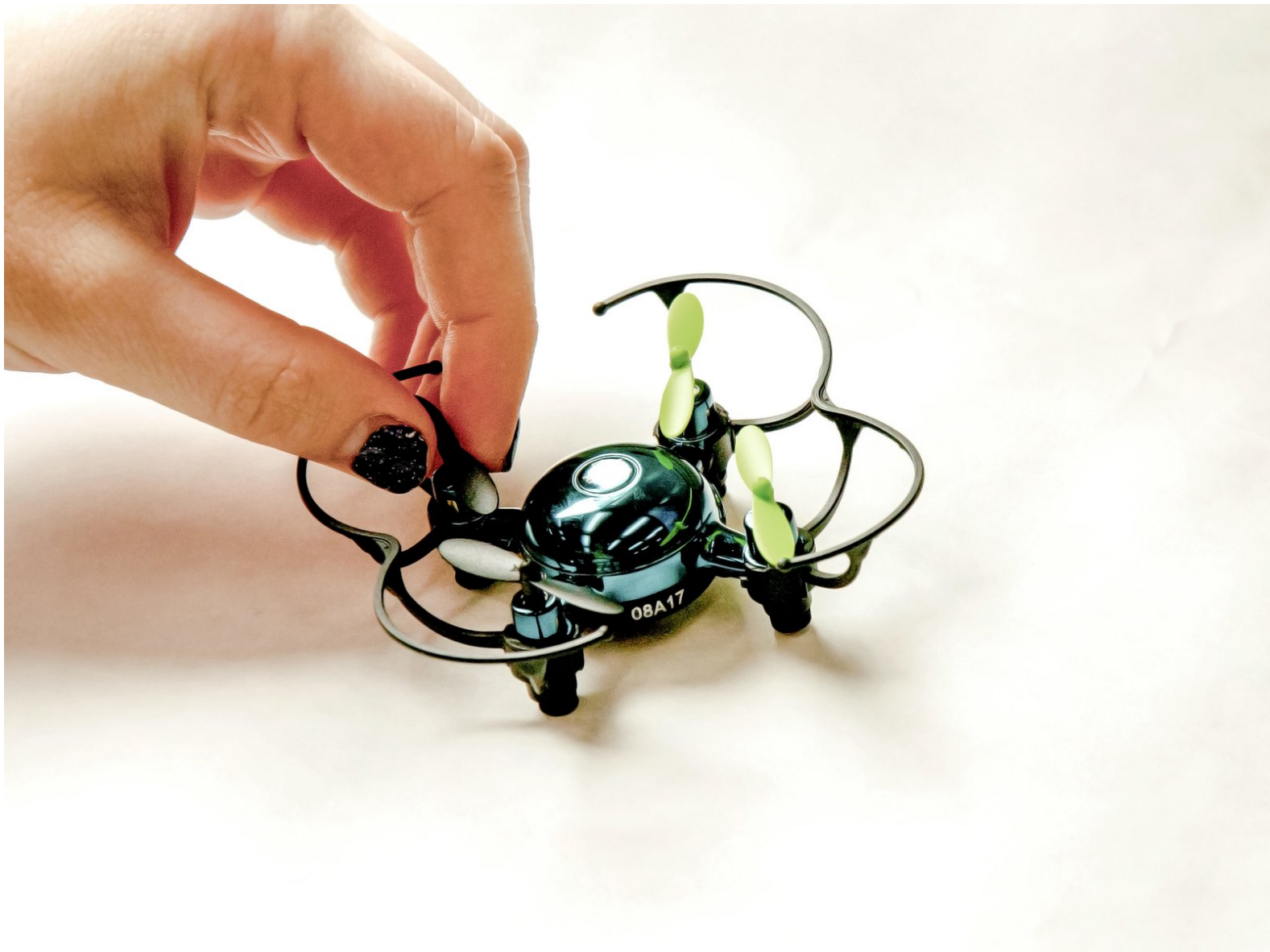




Protocol Neo-Drone AP Motor Replacement

This guide will show how to replace the motors on your Protocol Neo-Drone AP should they become inoperative.

Written By: Andrew



INTRODUCTION

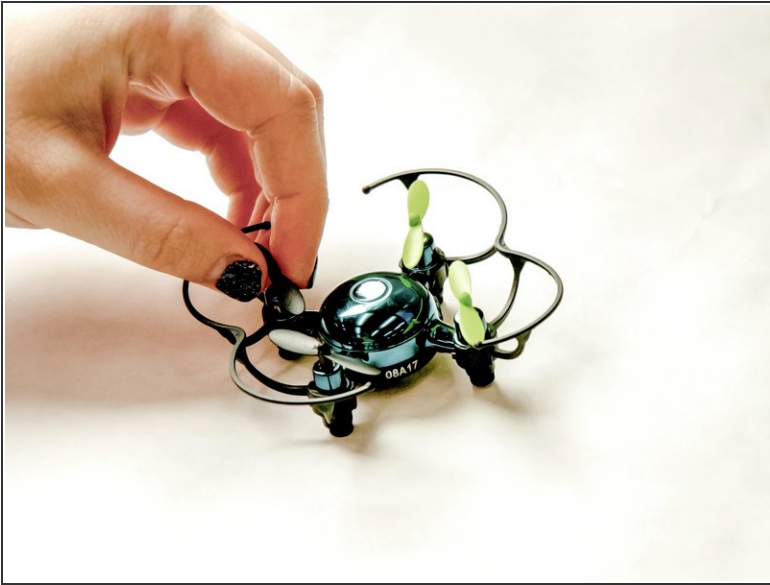
This guide shows you how to replace the motors on your drone. Soldering is a skill required for this task. Replacement motors can be found on the manufacturer's website.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Soldering Workstation](#) (1)
 - [Spudger](#) (1)
-

Step 1 — Motor



- Remove the four blades by pulling them off of the motors.

Step 2



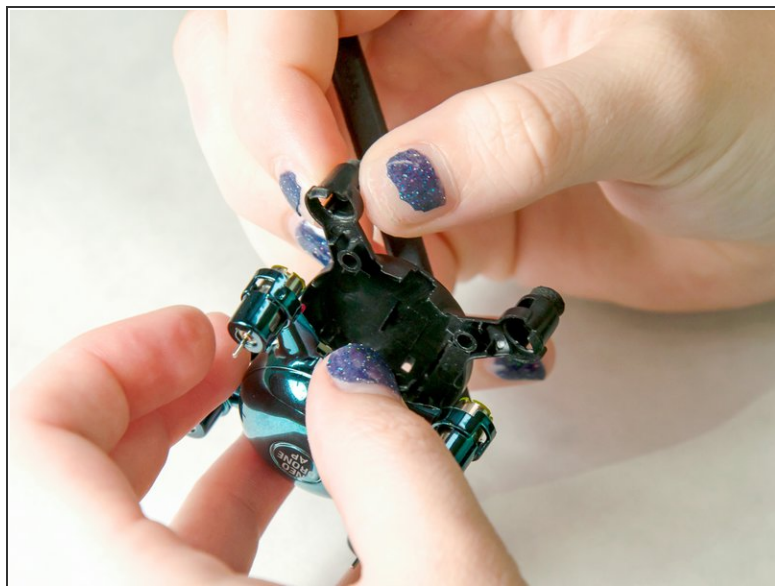
- Remove the blade guards by pushing the guards downward towards the padded feet.

Step 3



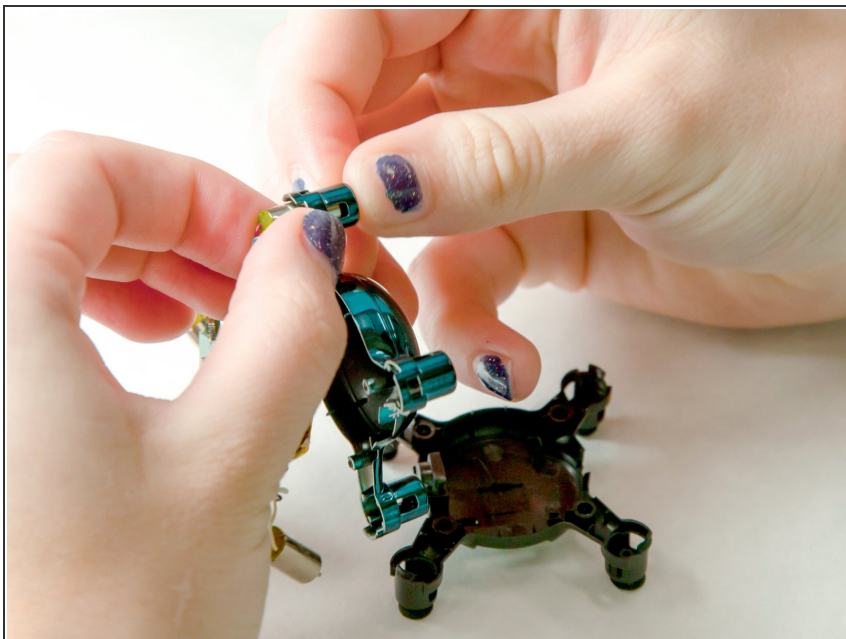
- Remove the four 4.5mm Phillips #0 screws from the back panel.

Step 4



- Use the flat end of a spudger to pry apart the the two pieces.
- Lift the back panel up to separate it from the front panel.

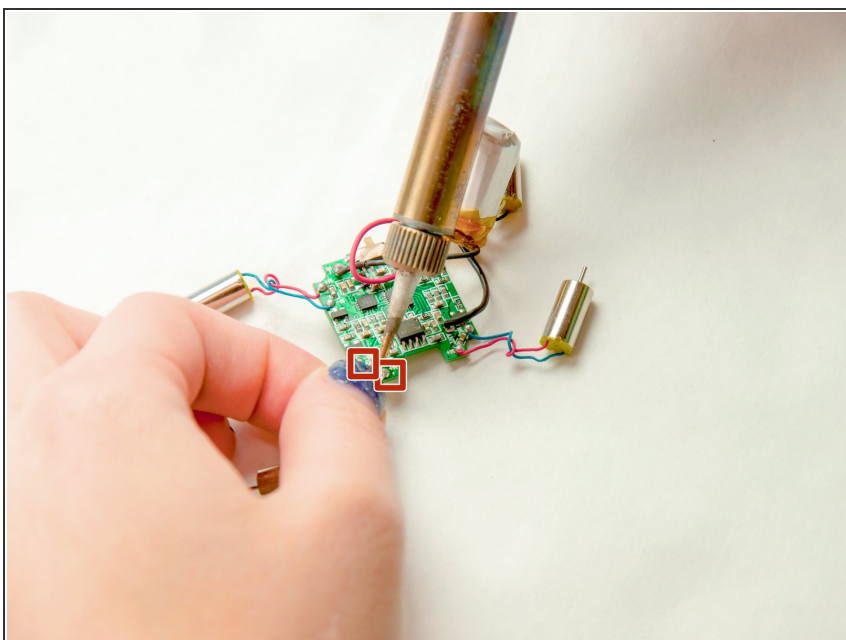
Step 5



- Pull the four motors out of the case.

⚠ The motors are still soldered to the motherboard.

Step 6



ⓘ Here is a link to the [iFixit Soldering Guide](#)

- Use a soldering iron to desolder the motors from the motherboard.

To reassemble your device, follow these instructions in reverse order.