Protocol Dronium III AP Camera Replacement

This guide provides instructions for the removal and reinstallation of the drone camera for replacing the camera as needed.

Written By: Steven Mooers

INTRODUCTION

This guide explains how to replace the Protocol Dronium III AP Camera.

🔧 TOOLS:

- iFixit Opening Tools (1)
- Tweezers (1)
- Spudger (1)
- JIS #00 Screwdriver (1)

This document was generated on 2020-11-28 06:06:23 AM (MST).

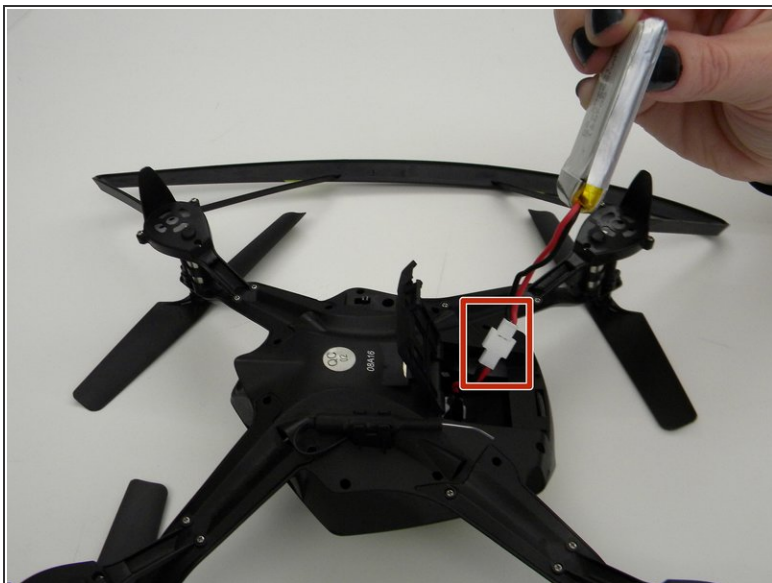## Step 1 — Drone Battery Pack

⚠️ Ensure the drone is powered off.

● Press in and lift battery compartment cover.

ⓘ A soft pry tool may be used for easier access.

Step 2

● Remove battery pack from body of drone.

Step 3

- Disconnect white connectors between the battery pack and drone.
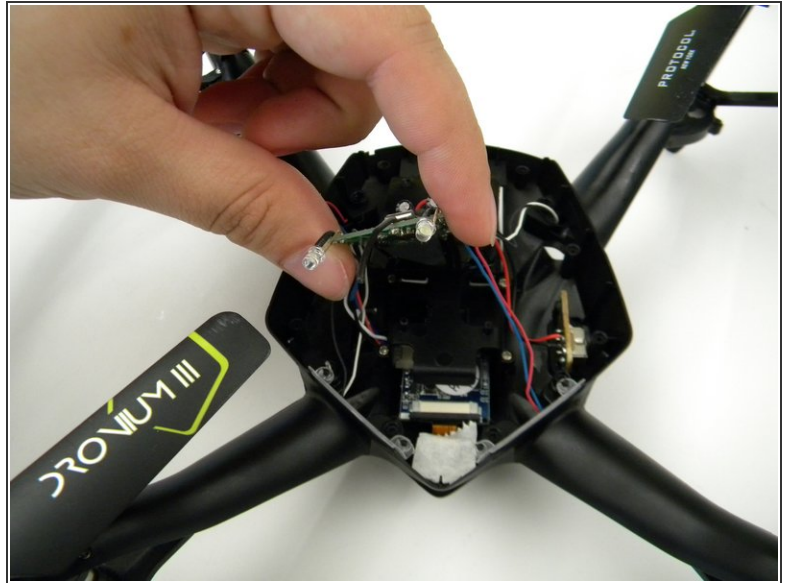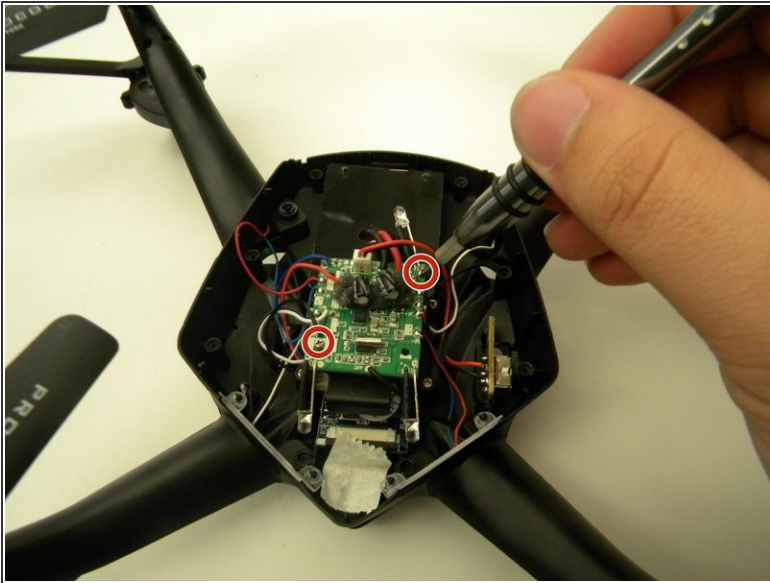
Step 4 — Camera

- Remove the eight (8) 5mm screws attaching the motor arms to the body using a JIS #00 screwdriver.
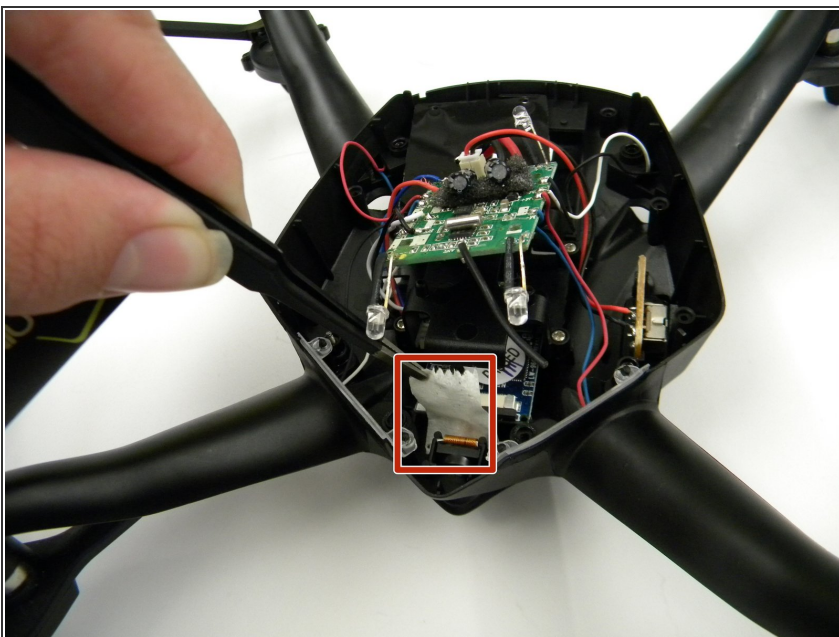
Step 5

- Remove the six (6) 5mm screws attaching the Body Cover to the Body of the drone using a JIS #00 screwdriver.

- Remove the Body Cover.

This document was generated on 2020-11-28 06:06:23 AM (MST).

© iFixit — CC BY-NC-SA   www.iFixit.com   Page 5 of 8
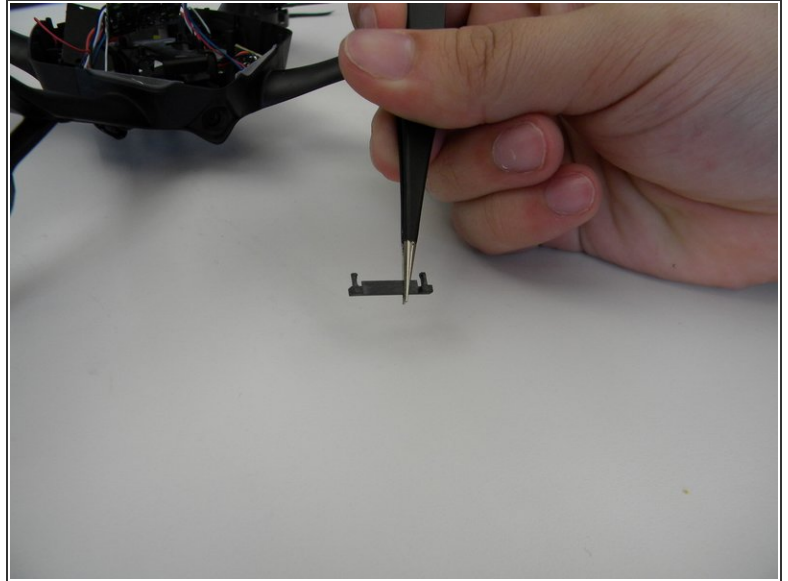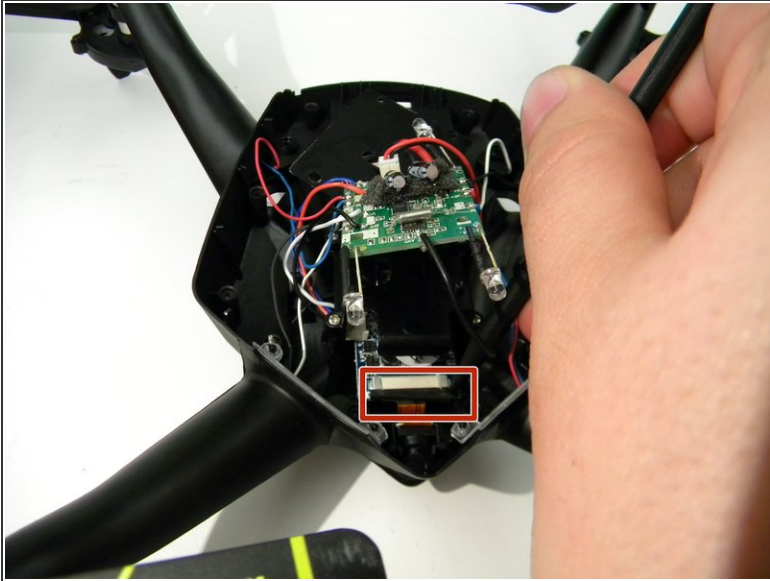
Step 6

- Remove the two (2) 5mm screws attaching the Motherboard to the body of the drone using a JIS #00 screwdriver.

- Lift the Motherboard off the mounting position.

⚠ Do not pull hard on the Motherboard as solder connections are fragile.

Step 7
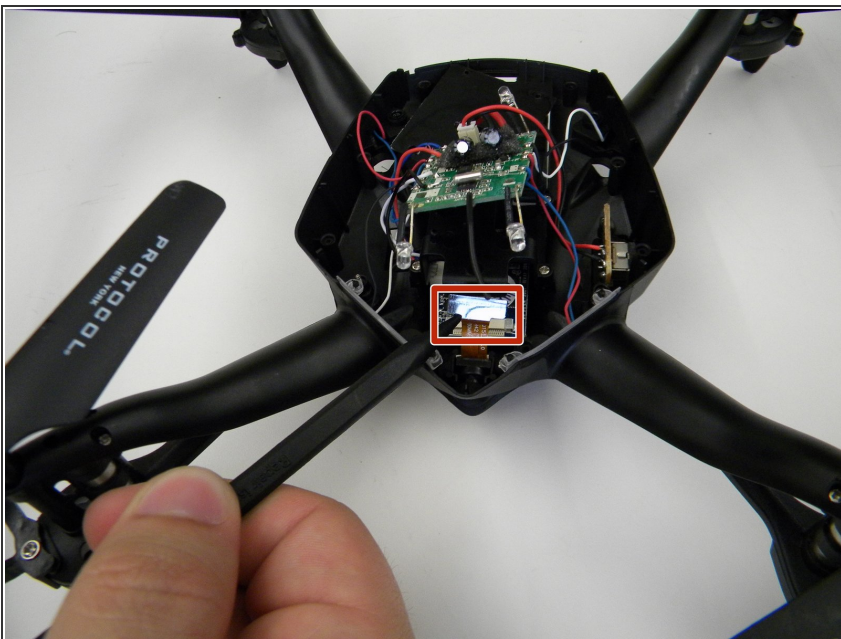

- Remove the tape covering the camera with the tweezers.

This document was generated on 2020-11-28 06:06:23 AM (MST).

Step 8

- Remove the plastic holding the ribbon cable connector with the tweezers.
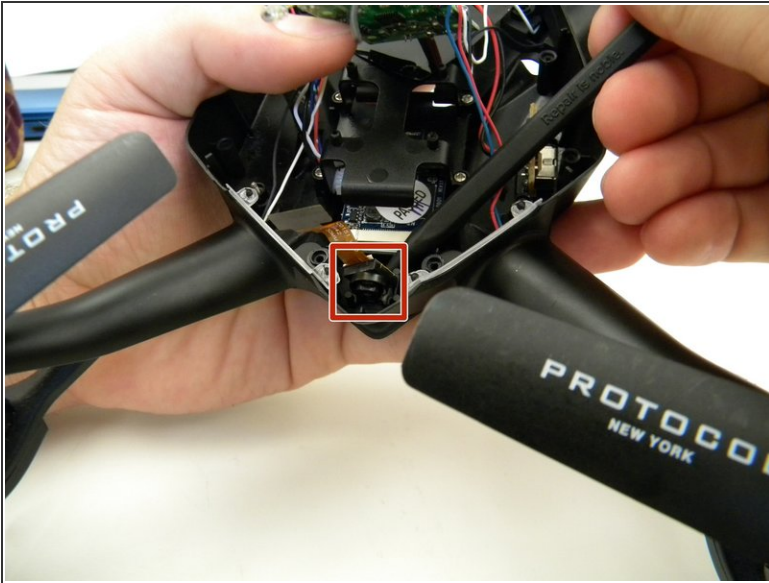
⚠️ Be careful with the ribbon cable, it is easy to damage.

Step 9

- Move the ribbon cable out of the way with the Spuger.

Step 10

- Remove the camera by gently prying it out of the bracket with the spudger.

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

www.iFixit.com