



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.

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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)
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Step 1 — Drone Battery Pack



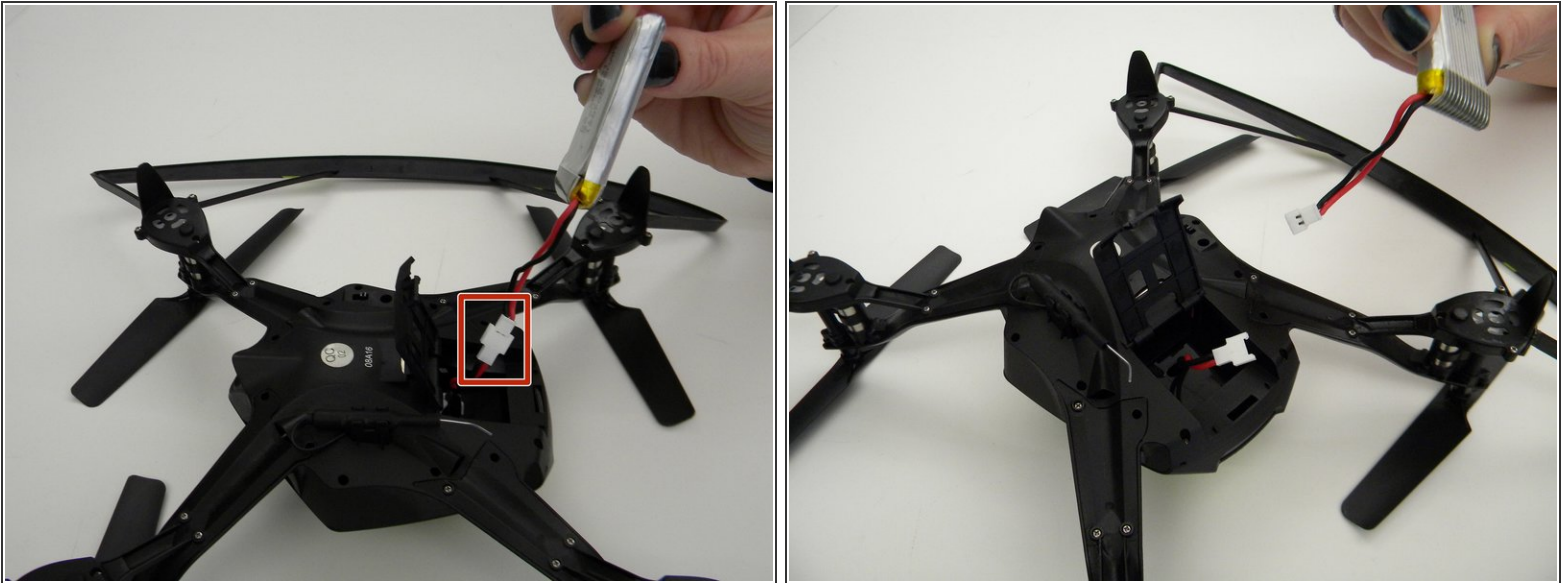
- ⚠ Ensure the drone is powered off.
- Press in and lift battery compartment cover.
- ℹ A soft pry tool may be used for easier access.

Step 2



- Remove battery pack from body of drone.

Step 3



- Disconnect white connectors between the battery pack and drone.

Step 4 — Camera



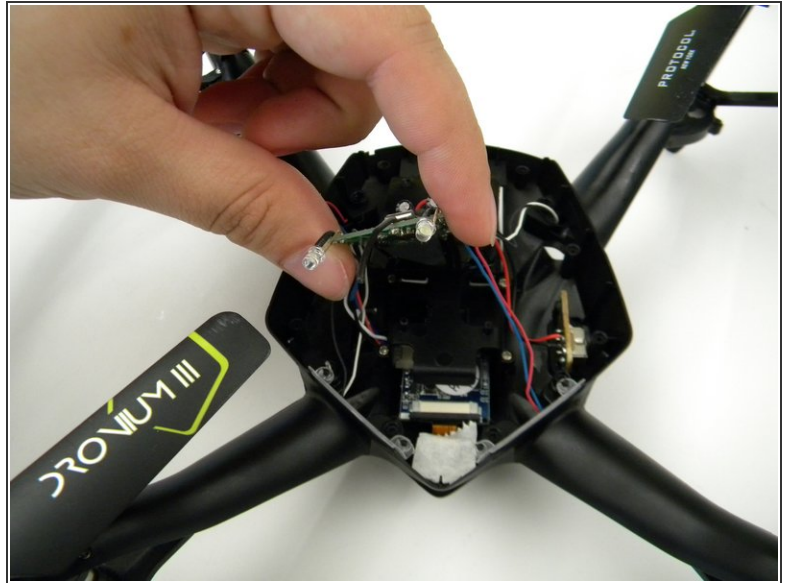
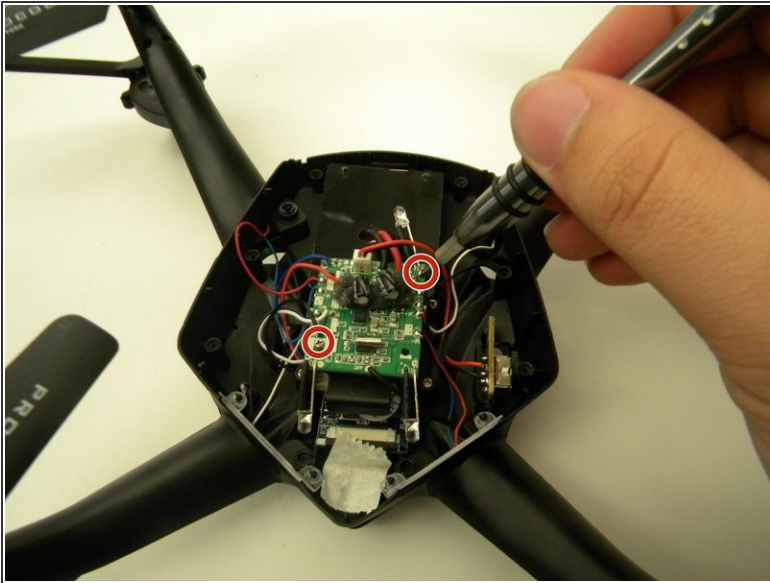
- Remove the eight (8) 5mm screws attaching the motor arms to the body using a JIS #00 screwdriver.

Step 5



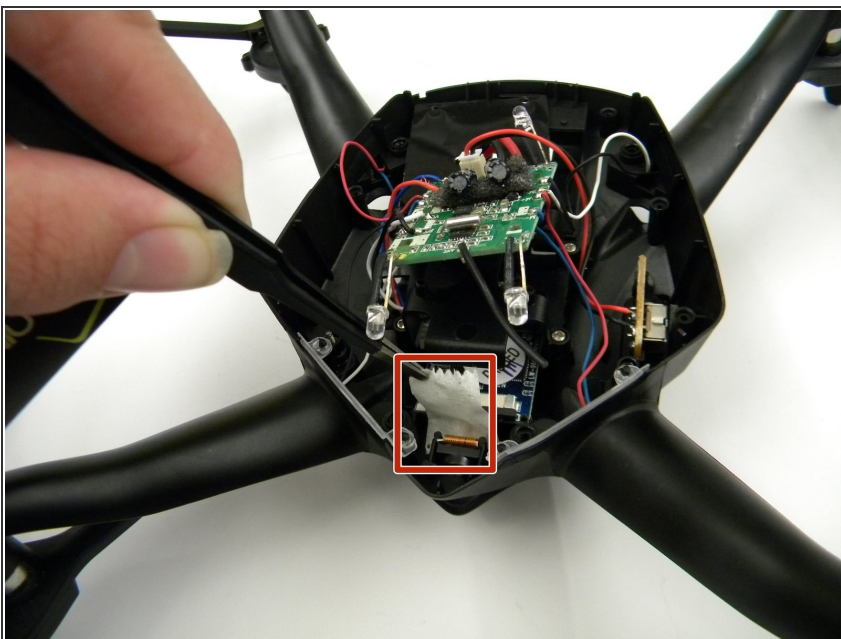
- Remove the six (6) 5mm screws attaching the Body Cover to the Body of the drone using a JIS #00 screwdriver.
- Remove the Body Cover.

Step 6



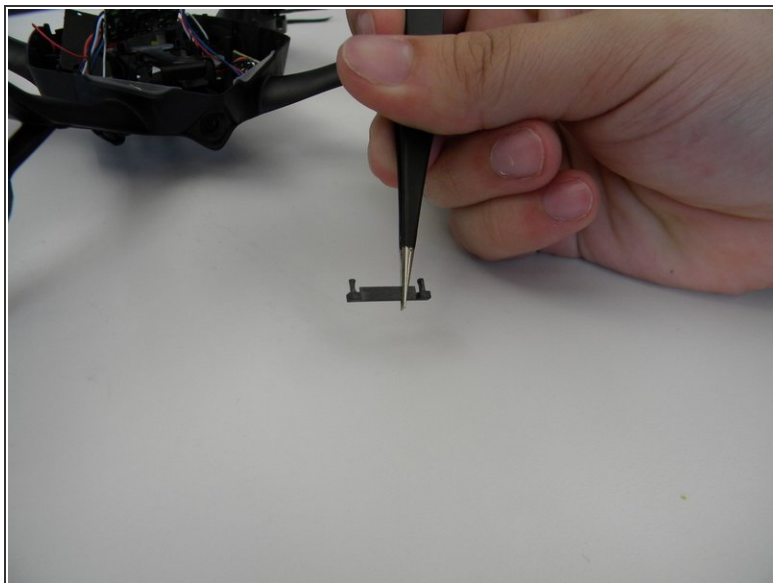
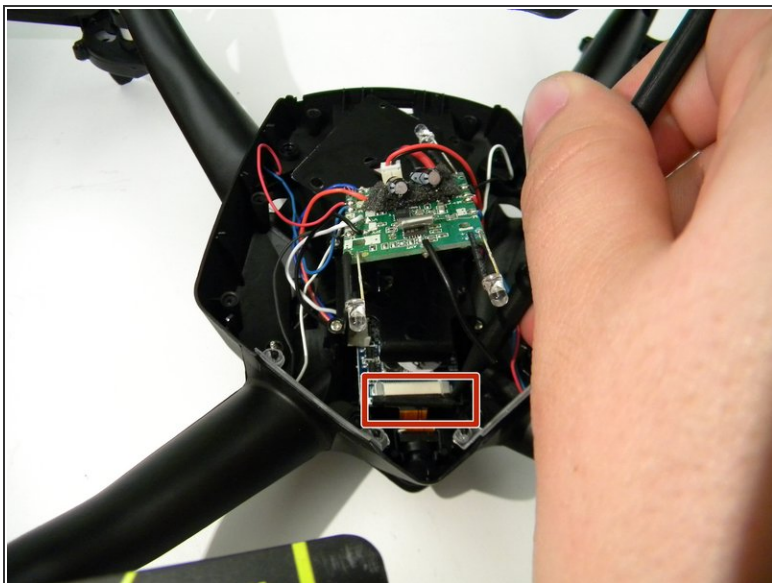
- Remove the two (2) 5mm screws attaching the Motherboard to the body of the drone using a JIS #00 screwdriver.
- Lift the Motherboard off the mounting position.
- ⚠ Do not pull hard on the Motherboard as solder connections are fragile.

Step 7



- Remove the tape covering the camera with the tweezers.

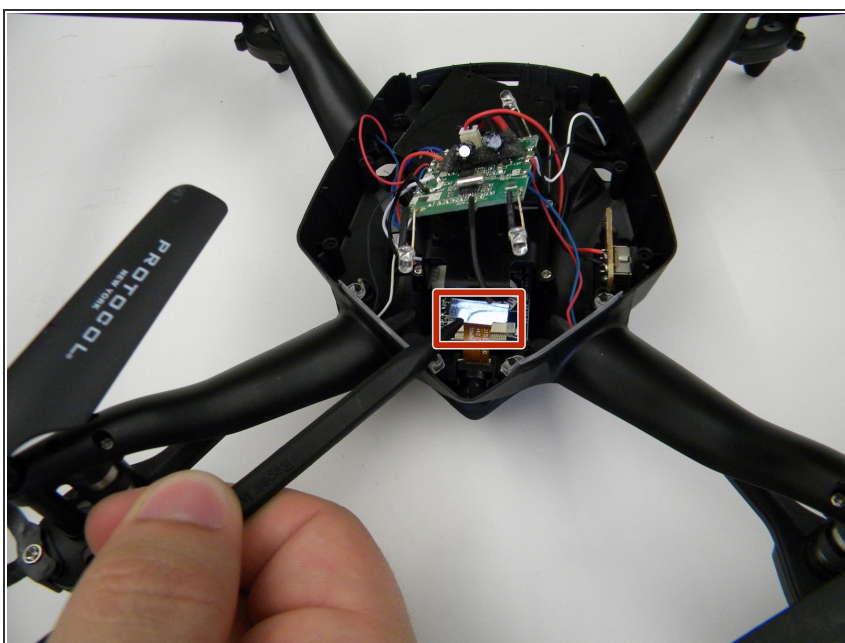
Step 8



- Remove the plastic holding the ribbon cable connector with the tweezers.

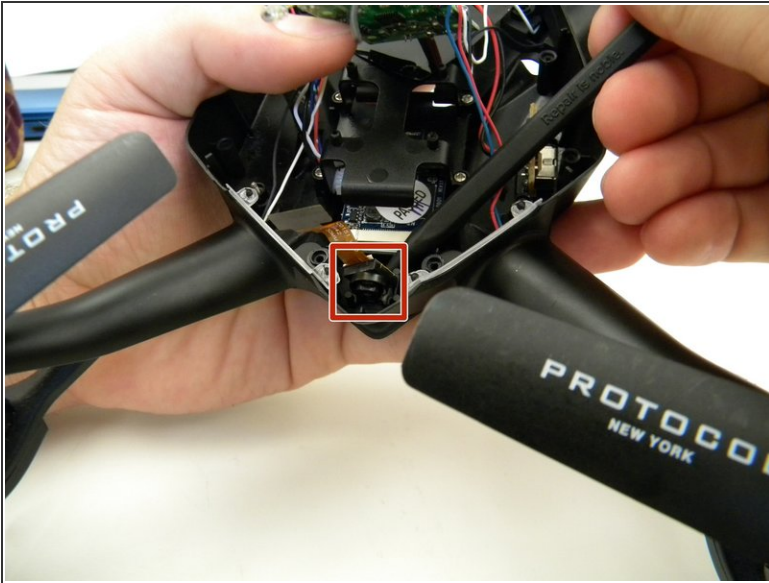
⚠ Be careful with the ribbon cable, it is easy to damage.

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.