



# Protocol Videodrone AP Propeller Motors Replacement

This guide shows how to replace the propeller motors in your Protocol Videodrone AP drone.

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## INTRODUCTION

This guide shows how to replace the propeller motors for the Protocol Videodrone AP Drone. Working propeller motors are integral to making sure your drone flies properly. Before replacing the motors, make sure there is no debris that might be preventing the motors from rotating properly.

Remember to use the included screwdriver that came with your drone.

A soldering iron is required, so keep one ready.



### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [Soldering Iron](#) (1)
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## Step 1 — Propeller Motors



- Power off the drone before proceeding with the rest of the guide.

## Step 2



- Use the Phillips #0 screwdriver to remove four propeller screws.
- ⓘ If you don't own the screwdriver included with the drone kit, use a Phillips #0 screwdriver.

### Step 3



- Use the Phillips #0 screwdriver to remove eight propeller guard screws.

### Step 4



- Use the Phillips #0 screwdriver to remove eight housing screws from the bottom of the drone.

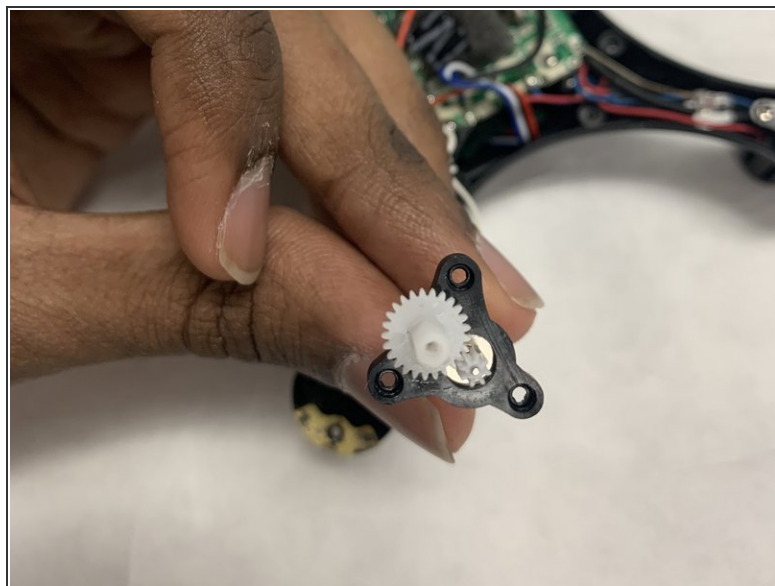
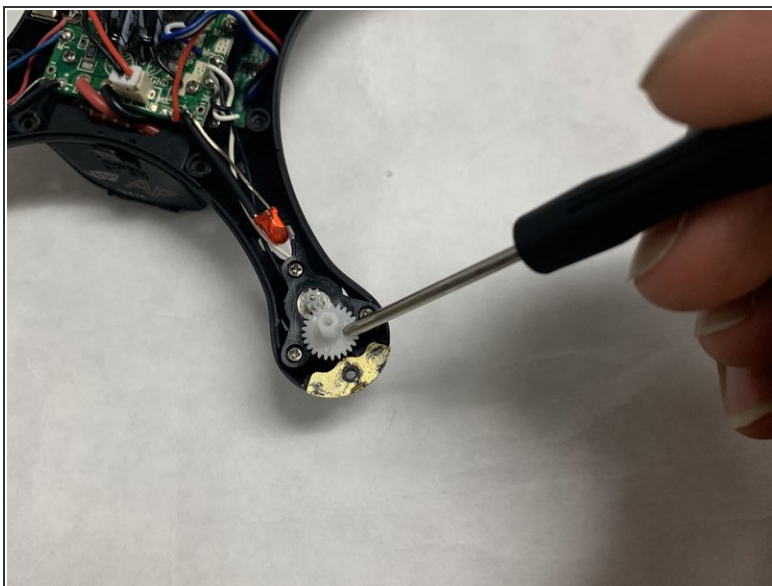


## Step 5




- Open up housing to reveal main circuit board.

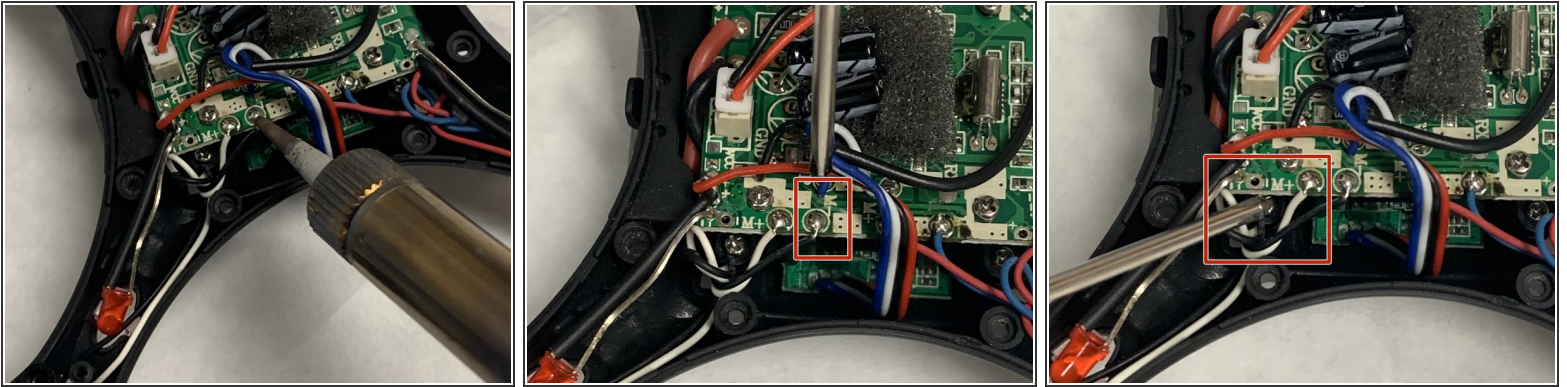
## Step 6



- Use the Phillips #0 screwdriver to remove three motor housing screws. There are three screws per motor.

 The plastic housing is glued directly to motor.

## Step 7



- Desolder the wires connecting the propeller motor to the motherboard (2 per motor) and remove the motor from the device.
- ⓘ For more information on soldering connections, please visit the [How to Solder and Desolder Connections guide](#).

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