



# Parrot AR.Drone 2.0 Motor Replacement

How to diagnose and replace a faulty motor on your Parrot AR.Drone 2.0.

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## INTRODUCTION

Use this guide to diagnose and replace a faulty motor on your Parrot AR.Drone 2.0.

AR.Drone 2.0 spare parts and mounting tools are available from [several Parrot retailers](#).

[video: <http://youtu.be/DNMOIWJCbm4>]

### TOOLS:

- iFixit Opening Tools (1)
- Phillips #00 Screwdriver (1)

### PARTS:

- Parrot AR Drone 2.0 Motor and Controller (1)

## Step 1 — Propeller and Gear



- Remove the foam body.

## Step 2



- Disconnect the battery by pulling the two red wires apart.
- Remove the battery by releasing the battery retaining straps.

## Step 3



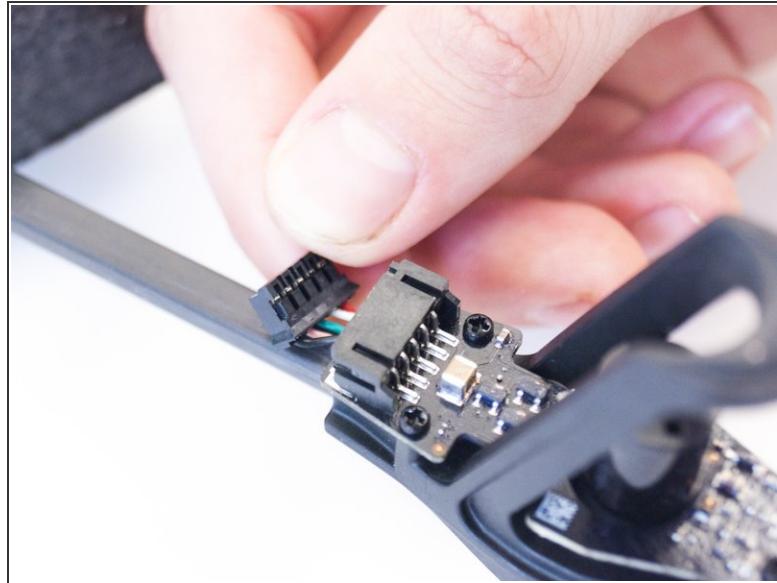
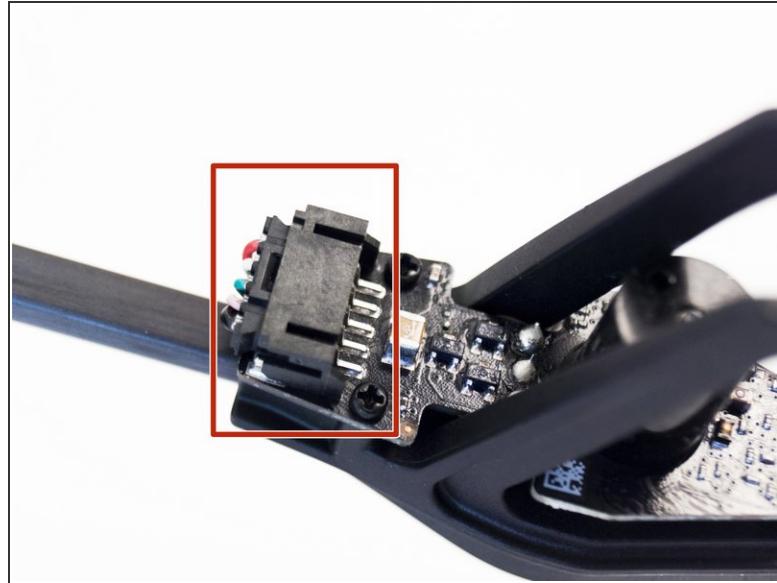
- Remove the small retaining clip using a plastic opening tool.
- *i* Be careful as these clips can fly off and can be difficult to find.

## Step 4



- The propeller, gear, and rod can be removed by simply lifting them off the motor.

## Step 5 — Motor



- Disconnect the connector at the bottom of the motor assembly.

## Step 6



- Remove the three 5mm screws on the top of the motor assembly with a PH00 bit.

## Step 7



- Remove the three 5mm screws on the bottom again using a PH00 bit.
- *(i)* The three screws from the top are different from the three screws on the bottom.

## Step 8



- Carefully wiggle out the motor assembly out of the arm.

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