



3DR Iris Plus Quadcopter Propeller Replacement

This guide will detail how to replace one of the four propellers that are used to provide lift to the 3DR Iris Plus quadcopter.

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INTRODUCTION

When using a drone, the propellers rotate and move so that the drone can function. As a result, the propellers are a component that will experience heavy wear and tear throughout the lifetime of the device.

If your drone has a broken propeller (diagnosed either by observation or through our [troubleshooting page](#)), replace it with this guide. There are no required tools for this replacement.



PARTS:

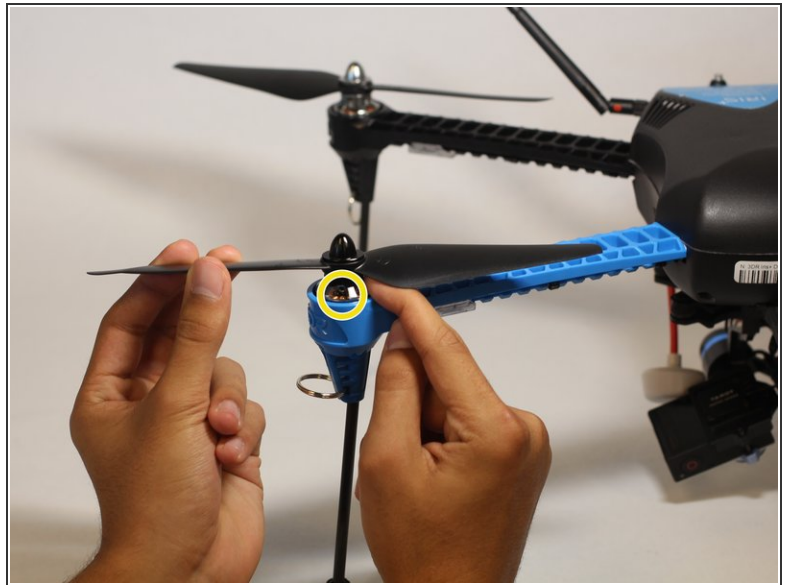
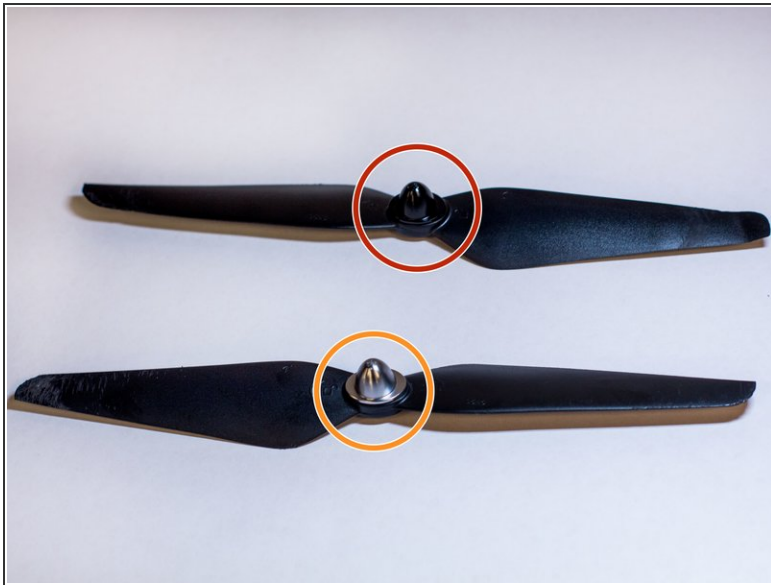
- [3DR Iris Plus Propeller](#) (1)


Step 1 — Battery



- Power off the drone by holding down the power button.
 - Remove the battery by disconnecting it from the main battery connector.
 - Press the power button again to ensure all electricity is discharged.
- ⚠ This step is imperative as it is dangerous to handle drone components with a running current!

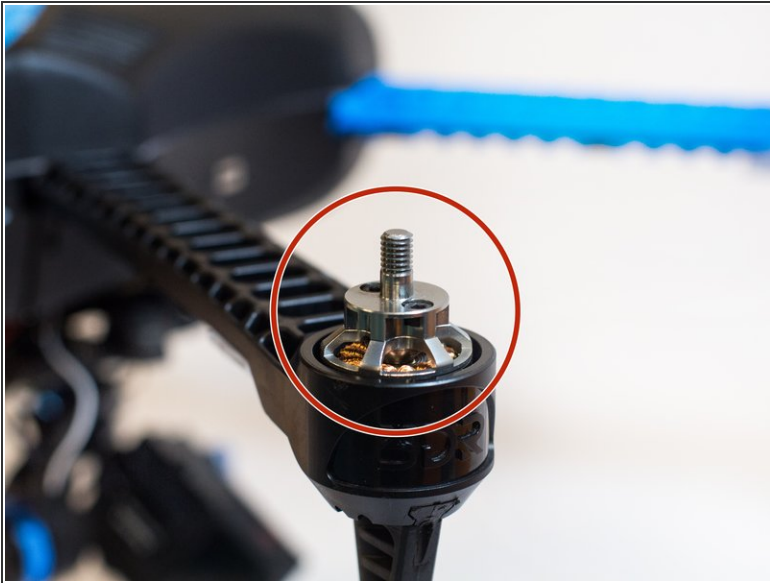
Step 2 — Propeller



 Take note of the propeller cap color (either black or silver).

- Hold down the motor assembly and twist the propeller clockwise to unlock it (you should feel some resistance until it starts to unscrew freely).
- Hold down the motor assembly and twist the propeller counterclockwise to unlock it (you should feel some resistance until it starts to unscrew freely).
- This is the motor assembly.

Step 3



- Ensure that the propeller cap color (black or silver) matches the propeller screw cap color.
- ⓘ There are two different types of propellers so make sure you're using the correct one.

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