



Removing DJI Phantom 2 Vision+ Case Top Shell

Follow this guide to remove the top portion of the case shell on a DJI Phantom Vision+.

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INTRODUCTION

Replacing the top case on your DJI Phantom 2 Vision+ drone requires removing all four propellers and threading the magnetometer cable through a small hole in the lower case. You may also need to transfer the GPS board to the replacement top case.

Note: the drone used in this guide probably looks different from yours! It's just a custom paint job, otherwise it's completely stock.



TOOLS:

- [2 mm Hex Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
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Step 1 — Remove the battery



- Pinch the top and bottom tabs of the battery case, pull the battery straight out to remove it.
- i** The metal connectors form a stiff mechanical connection with the battery, you will need quite a bit of force to remove the battery. Hold the Phantom Vision+ with one hand and remove the battery with the other.

Step 2 — Propellers



- Determine if the propeller is clockwise or counter-clockwise rotating.
- ⓘ Each arm is labeled with a rotation icon that shows the direction of propeller rotation.
- If this icon is missing or you can't read it, you can determine the direction of rotation by examining the propeller.
- ⓘ A clockwise rotating propeller pushes air down while rotating clockwise, and the opposite is true for a counter-clockwise rotating propeller, and the propeller blade slopes up in the direction of rotation.

Step 3 — Removing clockwise rotating propellers



- Loosen a clockwise rotating propeller by holding the motor with one hand and spinning the propeller clockwise.
- Remove the propeller.

Step 4 — Removing counter-clockwise rotating propellers



- Loosen a counter-clockwise rotating propeller by holding the motor with one hand and spinning the propeller counter-clockwise.
- Remove the propeller.

Step 5 — Case Top Shell



- Remove the following screws from the underside of the Phantom:
 - Twelve 2.0 mm hex bolts
 - Four Phillips #00 screws

Step 6



- Gently lift up the top shell case.

⚠ Do not attempt to fully remove the top shell. The GPS cable is still attached to the mainboard, avoid lifting the case too high or you may damage this connection.

Step 7 — Unplug GPS connector and remove case



- The GPS cable molex connector is located on the backside of the mainboard, near the battery opening.
- Pull the GPS connector straight up out of its socket.
- Lift the top shell case up and remove it from the body of the Phantom.

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