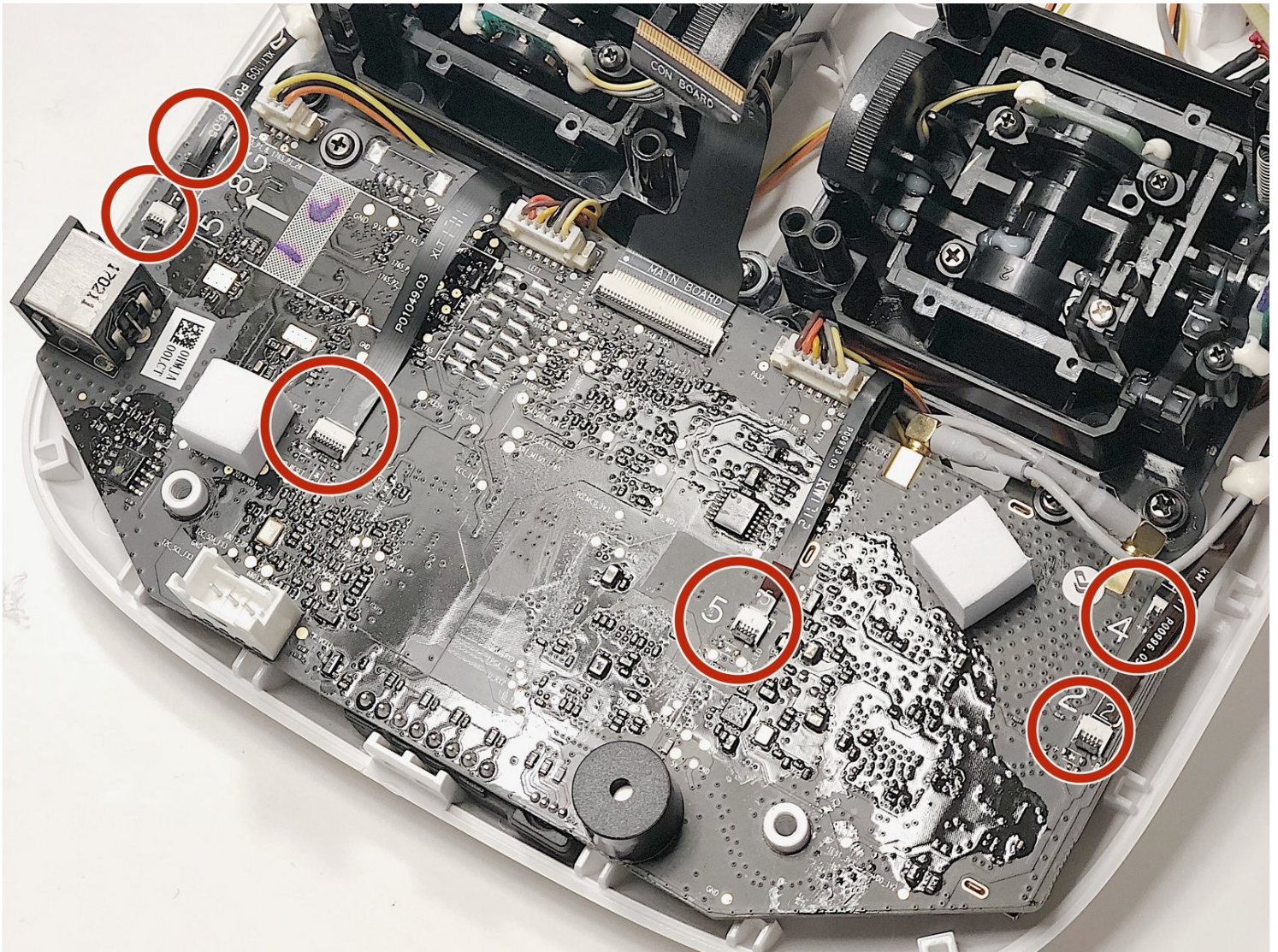# DJI Phantom 4 Advanced Remote Controller Motherboard Replacement

This guide will show you how to remove and...

Written By: cade knott

INTRODUCTION

This guide will show you how to remove and replace the motherboard of the DJI Phantom 4 Advanced Remote Controller.

Before you begin:

- Please make sure to completely power off the the controller prior to any replacements.
- Please read the guide before any replacements in order to familiarize yourself with the process.

🔧 **TOOLS:**

Spudger (1)
TR8 Torx Security Screwdriver (1)
Phillips #0 Screwdriver (1)
Phillips #00 Screwdriver (1)
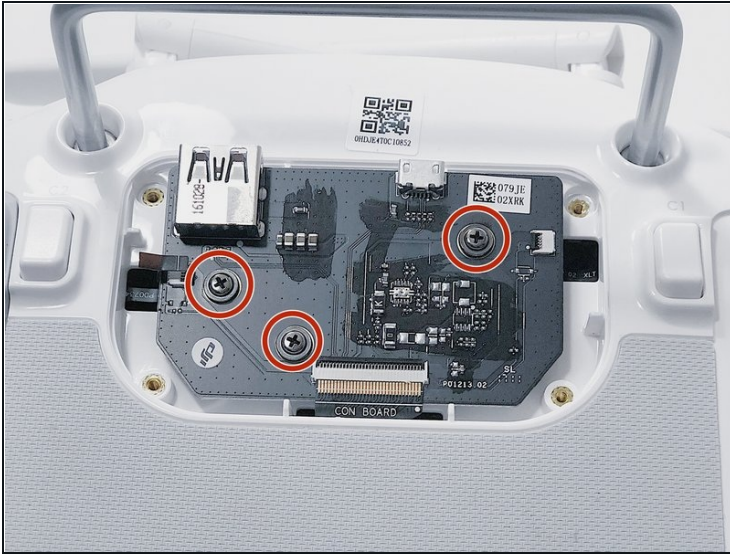Tweezers (1)

⚙️ **PARTS:**

DJI Phantom 4 Advanced Remote Controller Motherboard (1)

Step 1 — Back Panel

- Remove the four screws with a Torx T8 screwdriver to access the back con board.
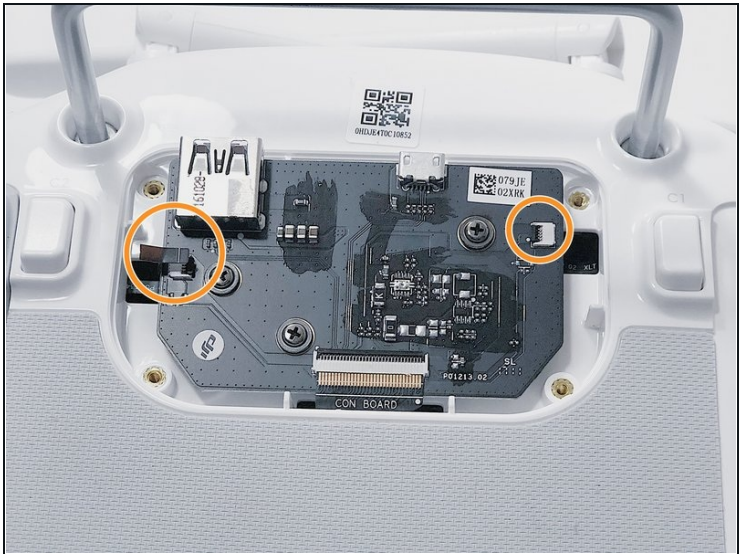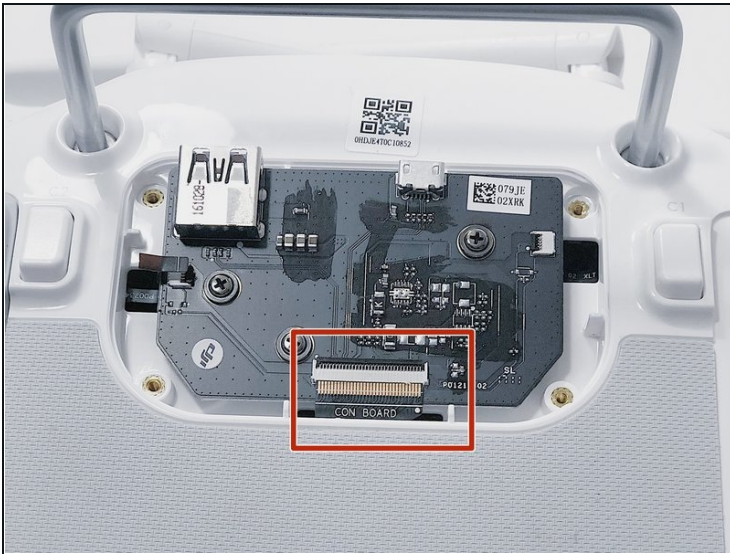
Step 2
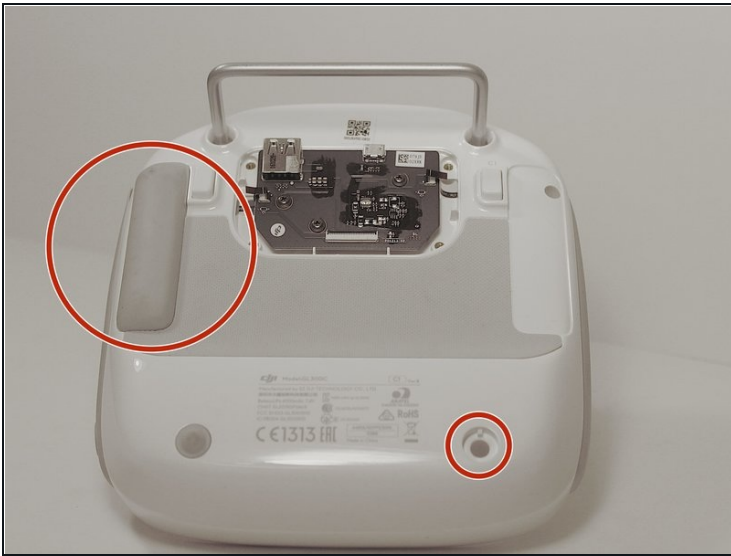

Phillips #00 screwdriver.

- Remove three screws using a Phillips #00 screwdriver.
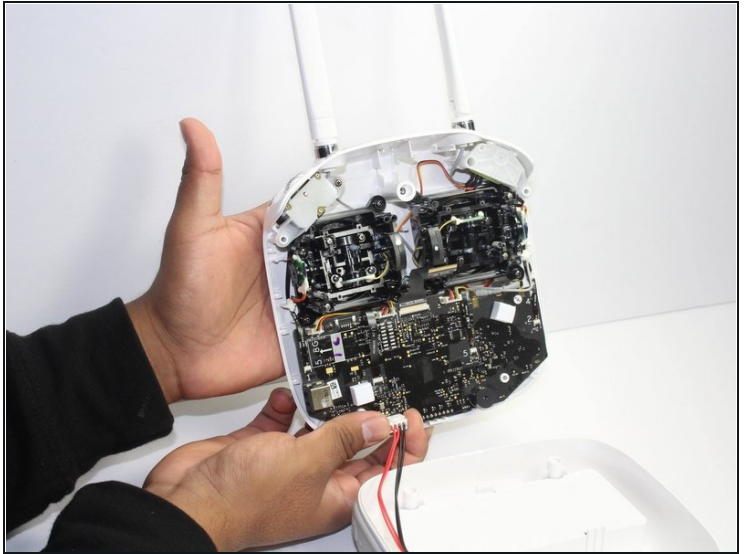
Step 3

- With [tweezers](#), gently remove the large con board tab.

- Use your hands to remove the two small clips. Pull out from the socket, in a horizontal direction.
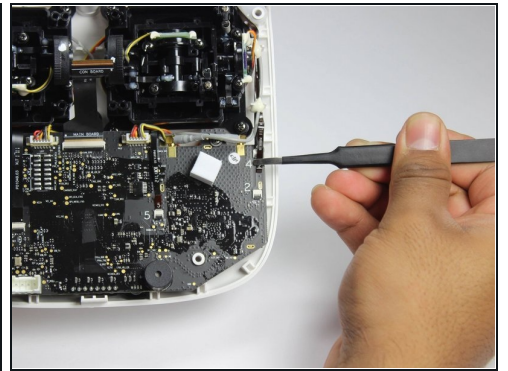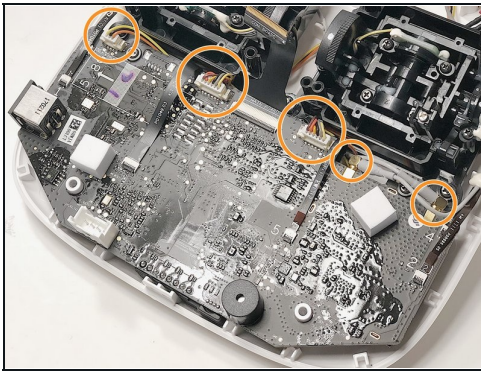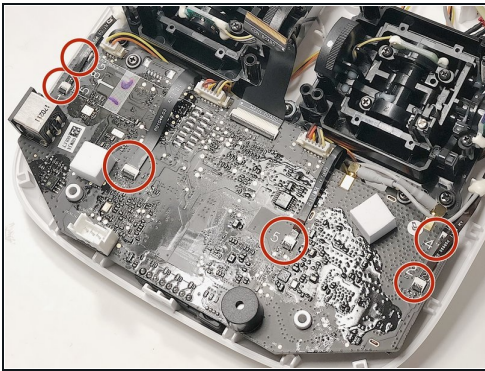
Step 4

- Peel off the rubber grips to access the screw holes.

⚠ Make sure to save your grips and do not to get them stuck to anything, you are going to want to save the adhesive.
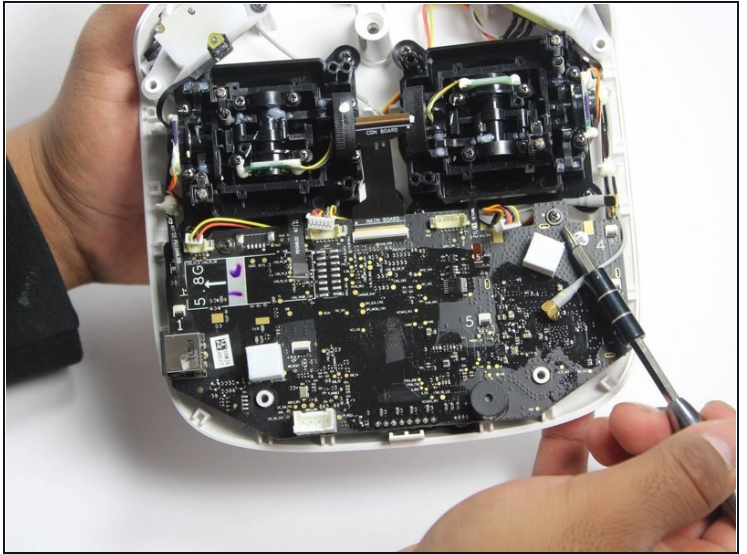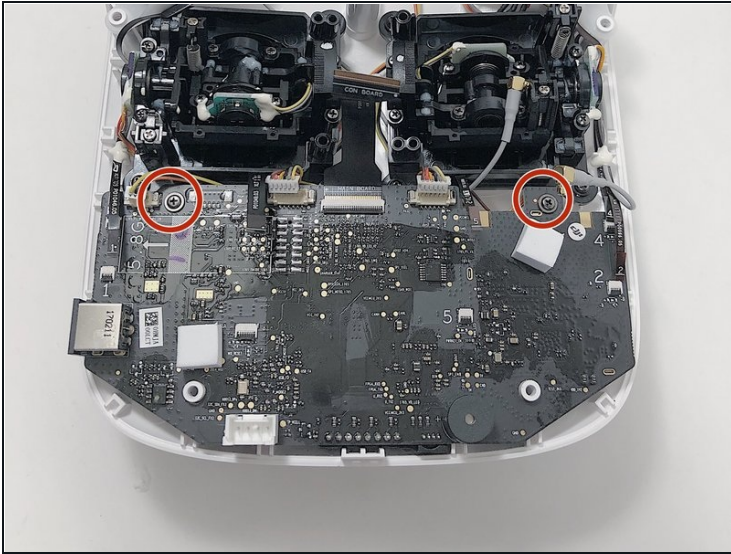
- Remove the back board and set it aside.

Step 5

- Pull apart the back plastic panel.

ⓘ Recommended tool for this would be the metal spudger, but not required.

- Once the back panel is off, you will have access to the motherboard.
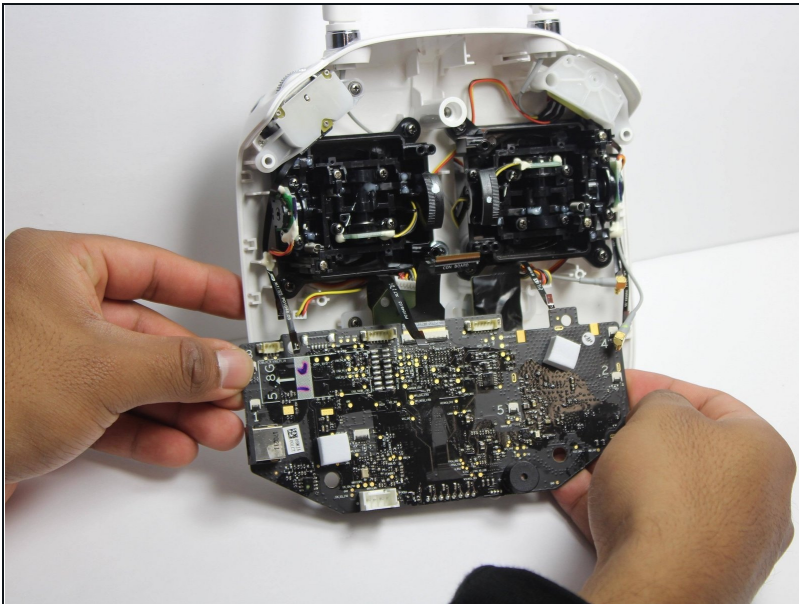
Step 6 — Motherboard

- Disconnect ribbon tabs 1,2,5,8G, and 3.
  - Remove ribbon tab by pulling gently along motherboard. Do not pull straight out.

- Then remove the plugs

Step 7

- With the Phillips #00 screwdriver, remove the two Phillips screws.

Step 8

⚠ Double check to make sure all tabs, plugs and screws are removed or disconnected.

- Gently lift motherboard out of the case.

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