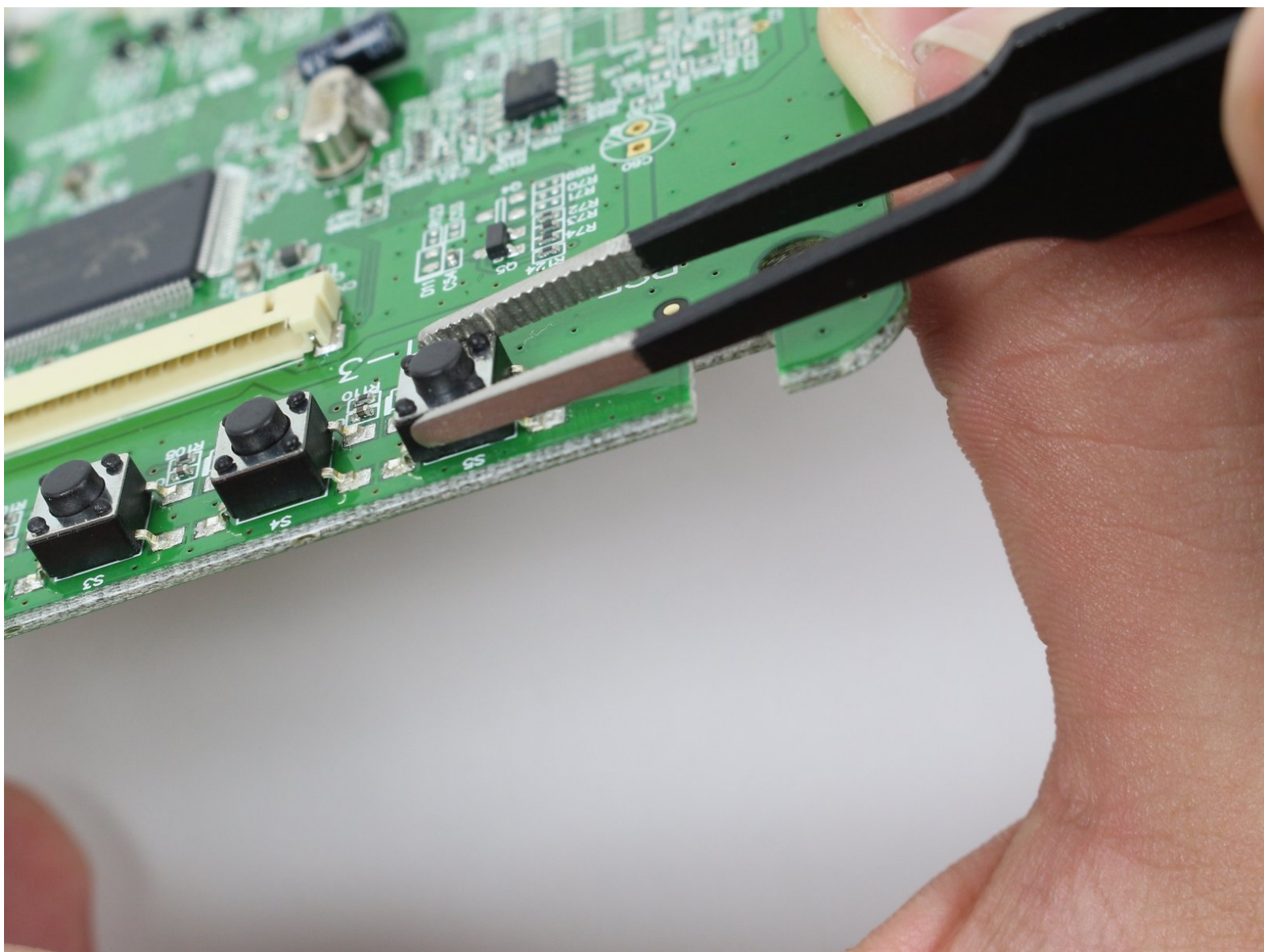# Oculus Rift DK1 Control Box Buttons Replacement

This guide will teach you how to remove and replace the Oculus Rift control box buttons that no longer register your touch.

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INTRODUCTION

The following steps will guide you in how to replace the buttons on the motherboard of the Oculus Rift. Removing and replacing the buttons requires a high level of skill in desoldering and soldering. We have linked to iFixit and other outside resources on how to desolder and solder, but previous experience is recommended.

🔧 TOOLS:

- Soldering Iron (1)
- Desoldering Braid (1)
- Solder (1)
- Phillips #1 Screwdriver (1)
- iFixit Opening Tools (1)

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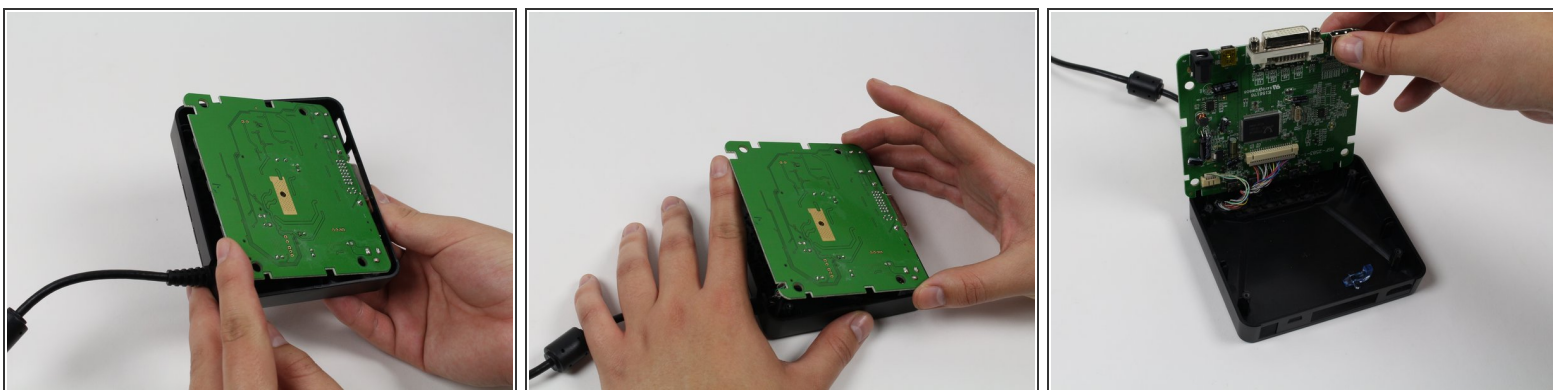## Step 1 — Control Box Bottom Cover

- Use a plastic opening tool to carefully pry off the four rubber feet from the control box.

- You have now revealed the four 9 mm Phillips #1 screws underneath the rubber feet.

Step 2

- Use a Phillips #1 Screwdriver to unscrew the four 9mm Phillips screws on the bottom of the control box.

- You can now remove the bottom lid of the control box. It should come apart easily.

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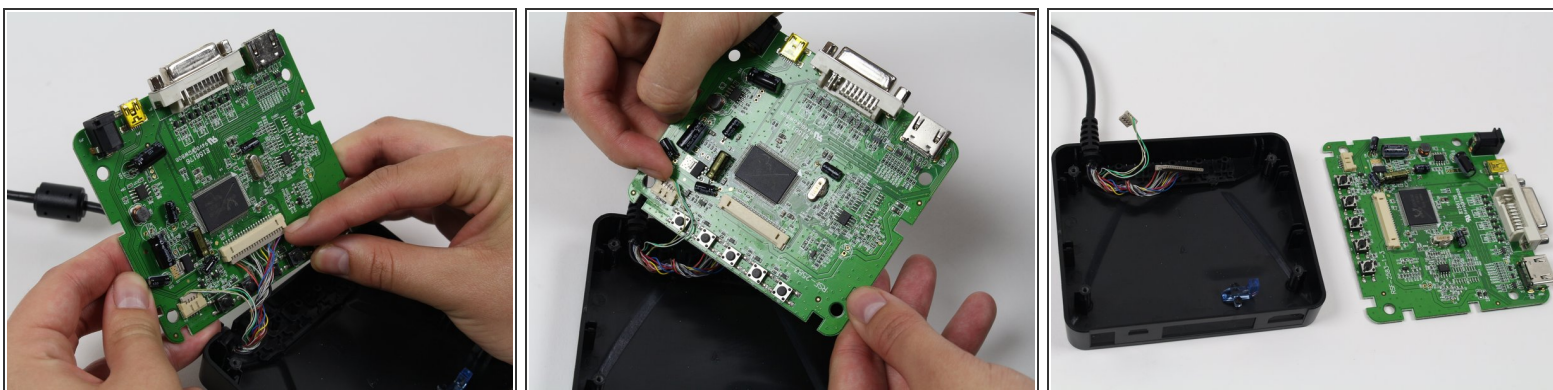
Step 3 — Control Box Motherboard

- Use your finger(s) to start lifting the motherboard from the control box casing. While doing so, use your other hand to push the DVI connector into the control box casing.

- When the DVI connector has cleared the casing, lift the motherboard.

⚠ Be careful! There should be two sets of wires still connected to the control box - do not tug on them. Simply flip the motherboard over to access these wires.
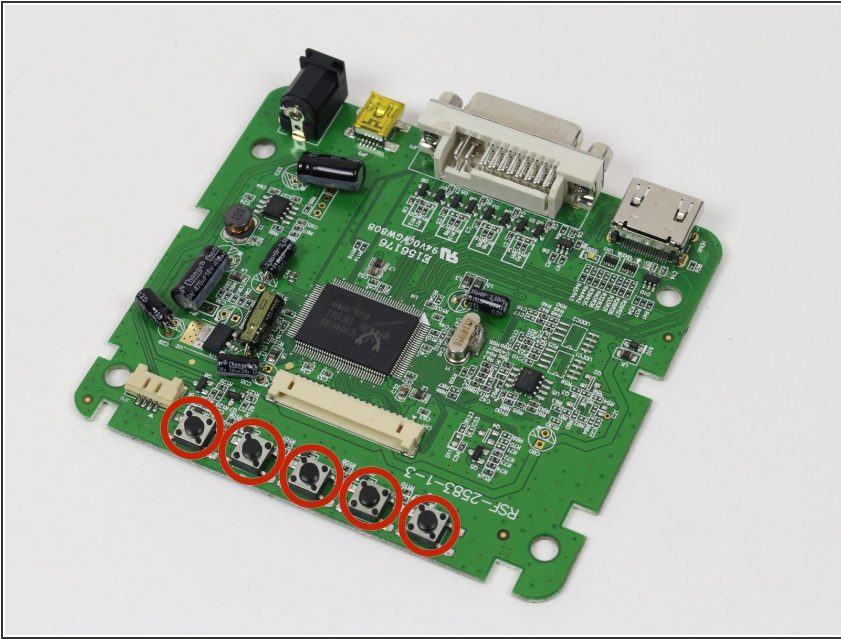
★ When reassembling the device, ensure that all of the wires are clear of the buttons.
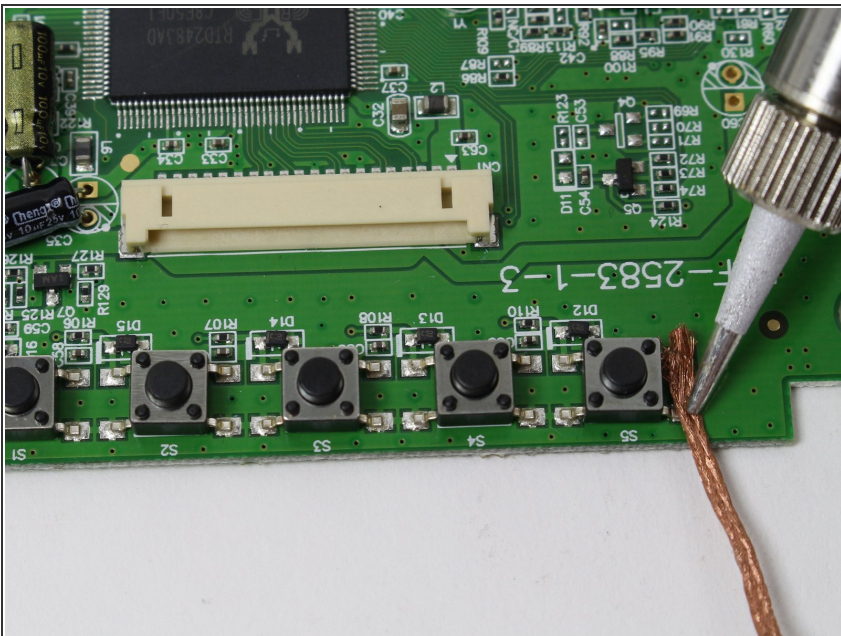
Step 4

- Use a plastic opening tool or your fingernails to disconnect the grey wire connectors. To make removal easier, pry the left and right edges to carefully remove the connector.

- Do so for both of the wires attached to the motherboard.

- Now fully separate the motherboard from the control box casing.

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Step 5 — Control Box Buttons

- You now have the motherboard separated from the control box.

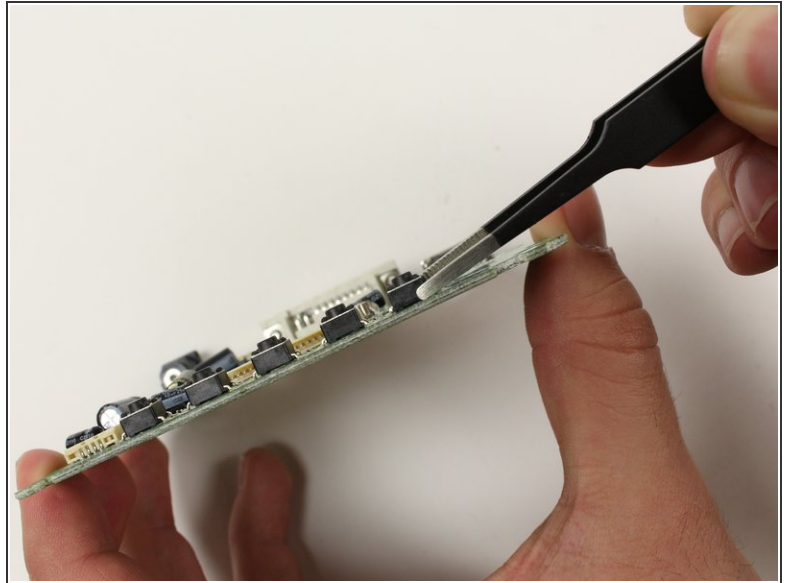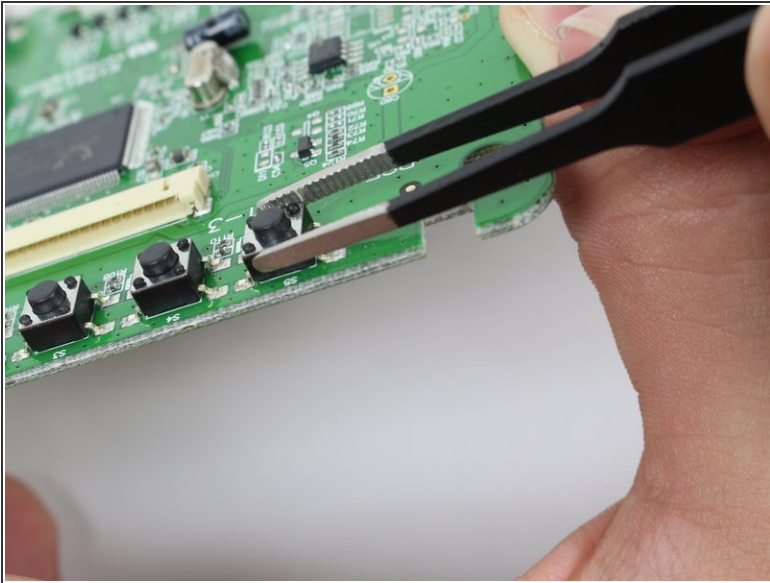- Identify the buttons that are not working.

Step 6 — Desoldering Button

- For each button that needs to be replaced, use a soldering iron and soldering braid to desolder the four metal points.

- ⚠️ Be careful! Soldering iron is hot.

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Step 7 — Removing Button

- Now that each button with issues is desoldered, use tweezers to grab each button and detach from the motherboard.

- If the button does not come off easily, go back to the previous step and ensure each of the four metal points are properly desoldered.

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