Oculus Rift Control Box Motherboard Replacement

You will be able to remove the motherboard from inside the control box.

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INTRODUCTION

The following guide will help you take apart the control box, remove, and replace the motherboard of the Oculus Rift DK1. Replacing the motherboard may be necessary because your motherboard is 'fried.' For further investigation, refer to the Oculus Rift Troubleshooting Guide. Replacing the motherboard should be a last resort.

🔧 TOOLS:

- iFixit Opening Tools (1)
- Phillips #1 Screwdriver (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
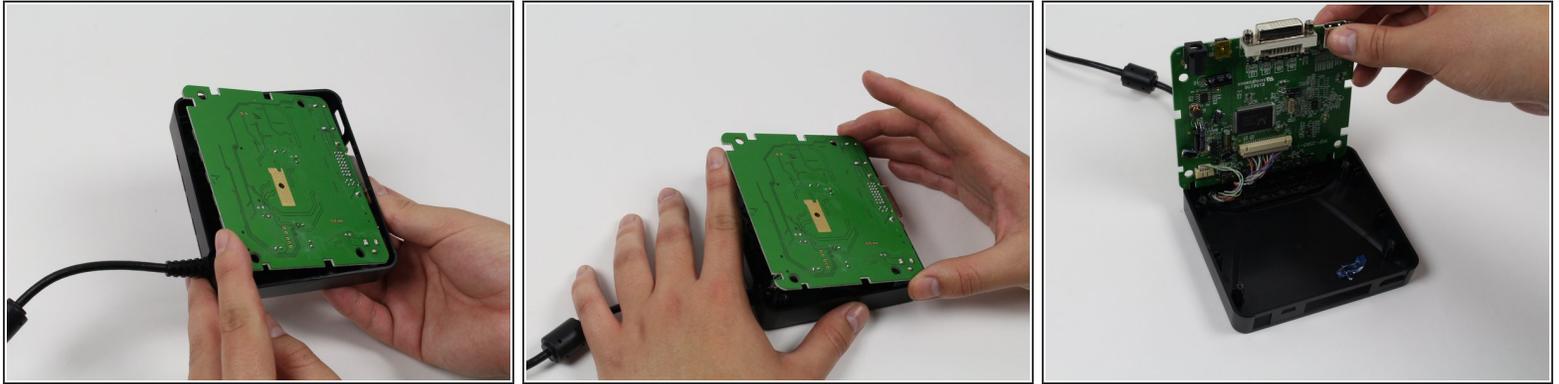
- Use your finger(s) to start lifting the motherboard from the control box casing. While doing so, use your other hand to push the DVI connector into the control box casing.

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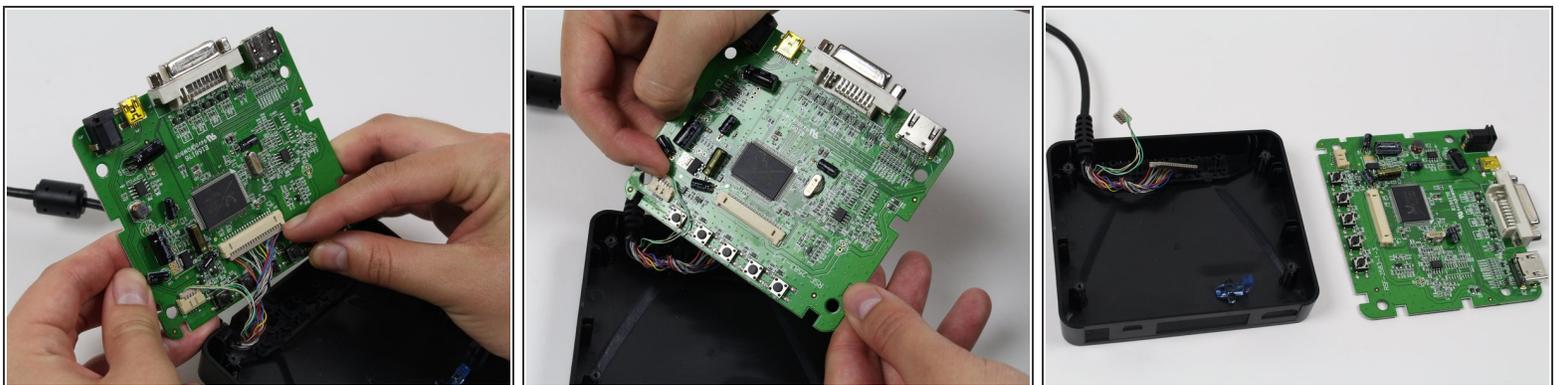
- Use a plastic opening tool or your fingernails to disconnect the grey wire connectors. To make removal easier, pry the left and right edges to carefully remove the connector.

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