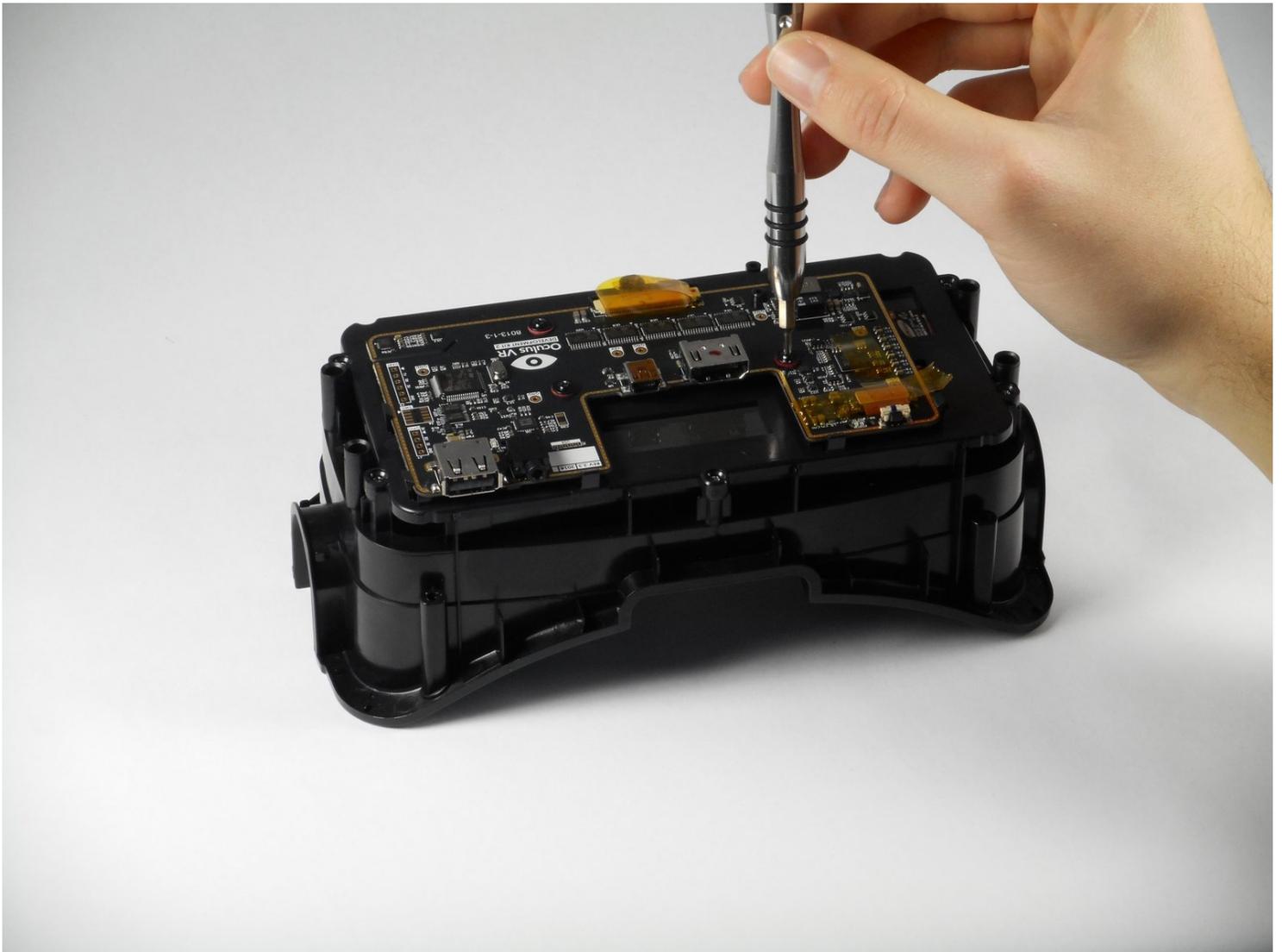




# Oculus Rift Development Kit 2 Headset Motherboard Replacement

If the device is not working properly this...

Written By: Adam



# INTRODUCTION

If the device is not working properly this could be due to a broken headset motherboard. Common causes for motherboard failures include being exposed to static shock, overheating, or component failure.

## TOOLS:

[Phillips #0 Screwdriver](#) (1)

[Tweezers](#) (1)

[iFixit Opening Tool](#) (1)

## Step 1 — Eye Relief Adjustment Screw



- Remove front cover plate.
- Unplug the USB and HDMI cables from the Oculus Rift DK2.

## Step 2



- Remove the four 3/8" Phillips #0 screws from the inner portion of the headset.

### Step 3



- With the screws removed, gently pull the headband frame apart from the headset.

### Step 4 — Remove Lens



- With the Oculus facing up, twist the right lens clockwise and lift it out. Repeat for the left lens twisting counterclockwise instead.

## Step 5 — Headset Motherboard



- Using [tweezers](#), carefully lift the four rubber plugs as shown. They are a bit snug and you may need to jiggle them free with the tweezers.

## Step 6



- Remove the four 3/8" screws attaching the eyewear enclosure to the front casing.

**⚠ Read the next step before removing the faceplate!**

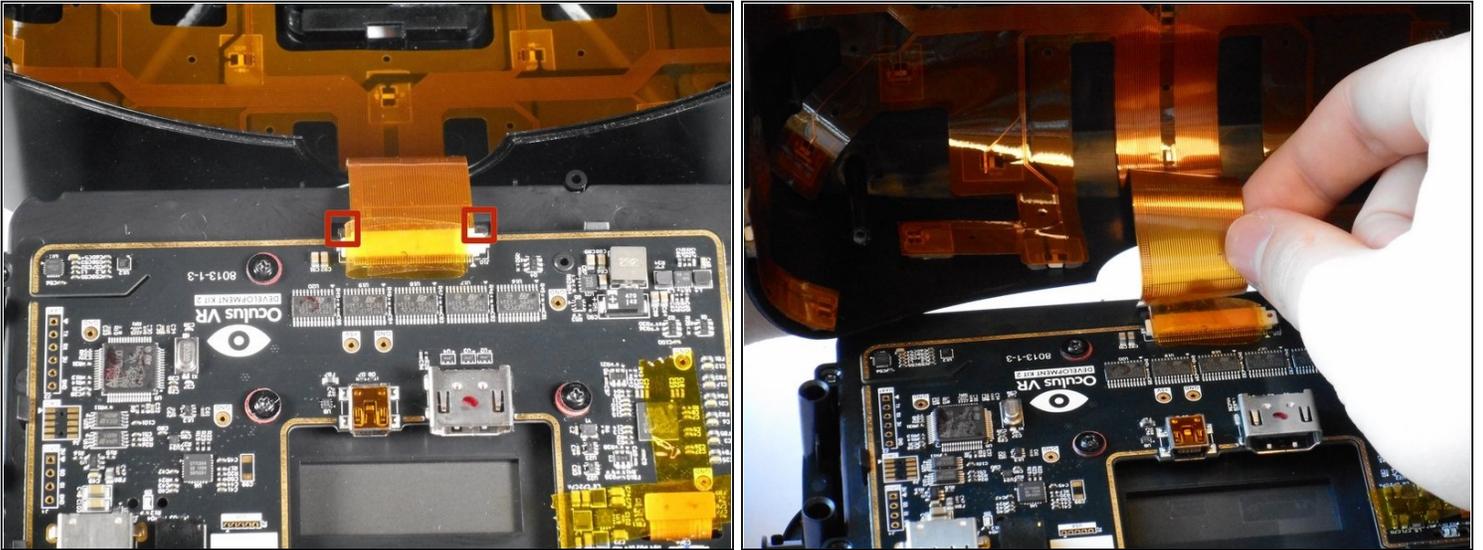
## Step 7



- Carefully separate the faceplate and the cover. Gently rest the cover plate on top of the faceplate as shown in the pictures.

**⚠ Do not use excessive force when separating these two pieces. There is a delicate ribbon cable connected to each.**

## Step 8



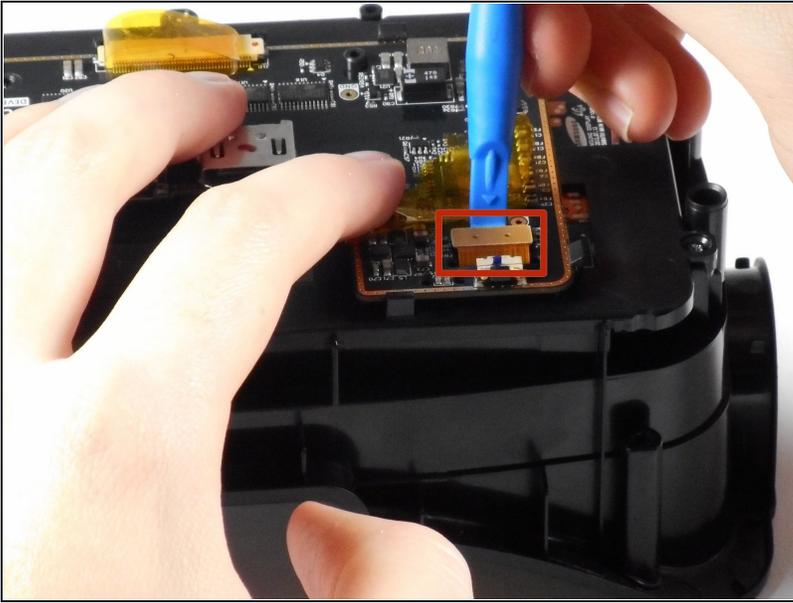
- Gently pull out the small side tabs on the ribbon cable connector as shown to release the cable.
  - Push the tabs away from you, with the headset oriented as pictured. Carefully slide the ribbon cable out.
- ⓘ The headset should now be two separate pieces.

## Step 9



- Unscrew the three 1/4" Phillips #00 screws as pictured and use the tweezers to lift them out.

## Step 10



- Lift the tape and gently pry up the video data ribbon cable using the plastic opening tool as shown.

## Step 11



- Gently pry back the motherboard clips to release the motherboard. The motherboard should now lift free.

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