



Oculus Rift CV1 Lens Replacement

How to remove the Oculus Rift CV1 lenses.

Written By: Jennifer Lai



INTRODUCTION

If the lenses are cracked or do not show the visuals correctly, you may want to replace the lenses. You will need a Phillips #00 screwdriver and a spudger for this replacement.

TOOLS:

- [T3 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
-

Step 1 — Facial Interface



- Pull firmly from the top of the headset facial interface to remove the foam frame.

Step 2



- Remove the six T3 4mm screws from the top and bottom edges of the case.

Step 3



- Insert the spudger underneath the edge of the lens on the left or right side.
- Slide the spudger upwards and around the edge of the frame to undo the tabs underneath.
- Repeat for the other side of the frame.

Step 4



- Lift up the frame to see a tab hidden underneath the lycra mesh along the edge of the lens.
- Pull up on the tab with the spudger.
- Repeat for the corresponding tab on the other lens.

Step 5



- Lift up on the plastic frame around the lens.
- Slide a finger around the inside edge, pulling outward from the center of the lens to release the other tabs.
- Repeat for the frame on the other lens.

Step 6



- Pull up along the outer frame.
- Remove the facial interface.

Step 7 — Lens



- Move the lenses as close together as possible by sliding the button on the bottom of the frame towards the center of the frame.
- Remove the four Phillips #00 4mm screws from the outer edge of the base of the lenses.
- ⓘ There are two screws that are near the lens that are difficult to see. Remove the screw that is the nearest to the lens. Do not remove the larger screw farther from the lens.

Step 8



- Push off the 8 tabs (4 per lens) from the base of the lens using a spudger.
- ⓘ Spread the lenses back apart using the button on the bottom of the headset to access the center tabs more easily.

Step 9



- Stretch the headset frame apart to make the lenses more accessible.
- ⚠ Be careful when removing the lens not to scratch the screen that is directly underneath.
- While the headset frame is spread apart, pull the corner of the lens out. The rest of the lens will unlatch.
- Pull out the lens.
- Repeat for the other lens.

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