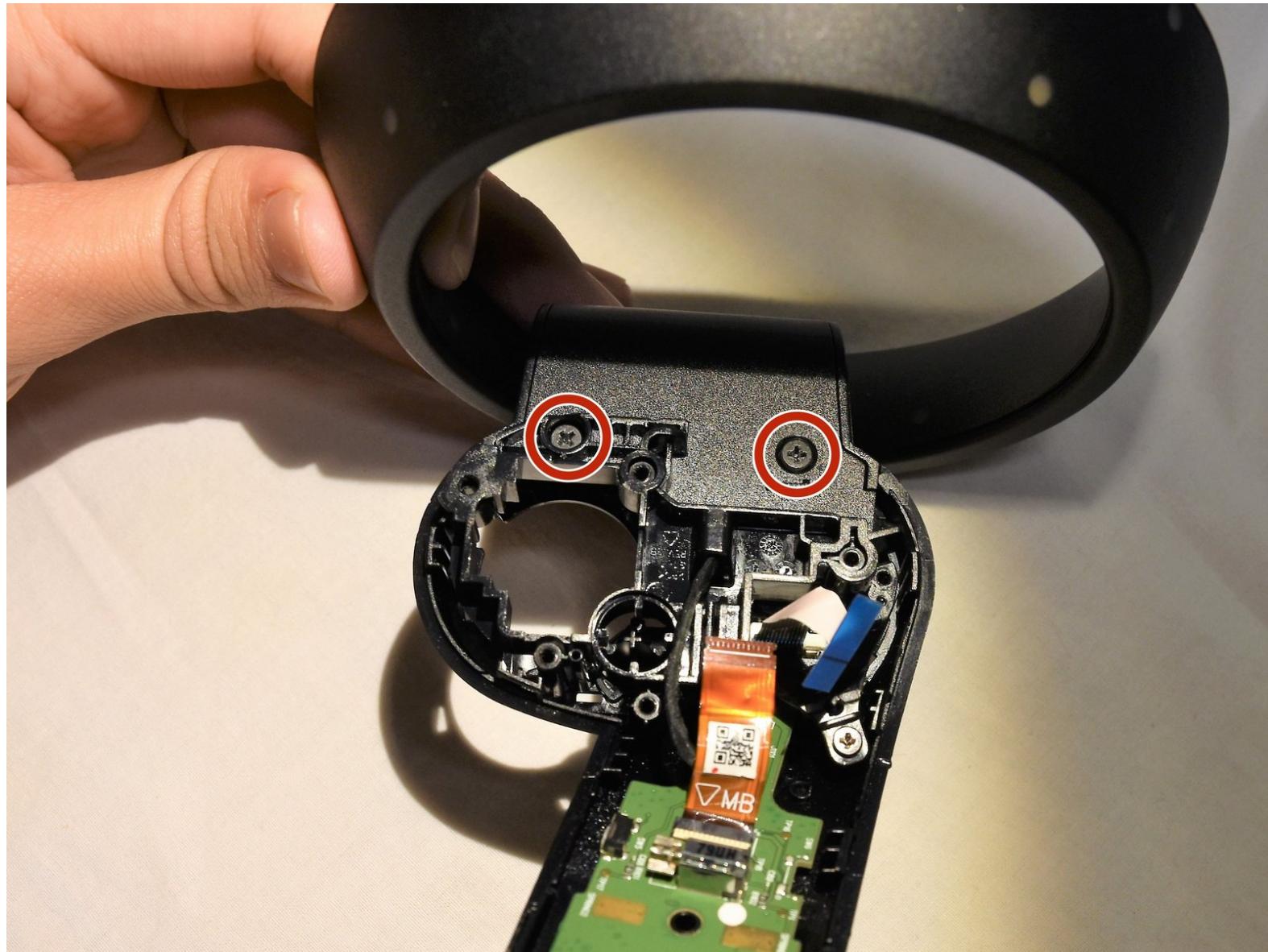




HP Windows Mixed Reality Controllers TPC-Q044 Touch Pad Replacement

This guide goes over how to replace the HP Windows Mixed Reality Controllers TPC-Q044's touch pad.

Written By: Seiji Nagasawa



This document was generated on 2019-09-22 08:58:50 AM (MST).

INTRODUCTION

This guide goes over how to replace the controller's touch pad.

If your TPC-Q044 touch pad starts failing to register motion you may want to think about replacing the component. The failure may be a result of bad connections or the deterioration of the pad. The replacement of the touch pad is not too complex. You will need the two indicated screwdrivers and a spudger to complete this task. There are no warnings or potential hazards when replacing the pad.

TOOLS:

- [Spudger](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Phillips #00 Screwdriver](#) (1)

Step 1 — Batteries



- Slide the rear compartment cover in the direction of the arrow.
- ☒ If replacing batteries, ensure the (+) and (-) on the battery match the (+) and (-) labeled in the battery compartment.

Step 2 — Shell



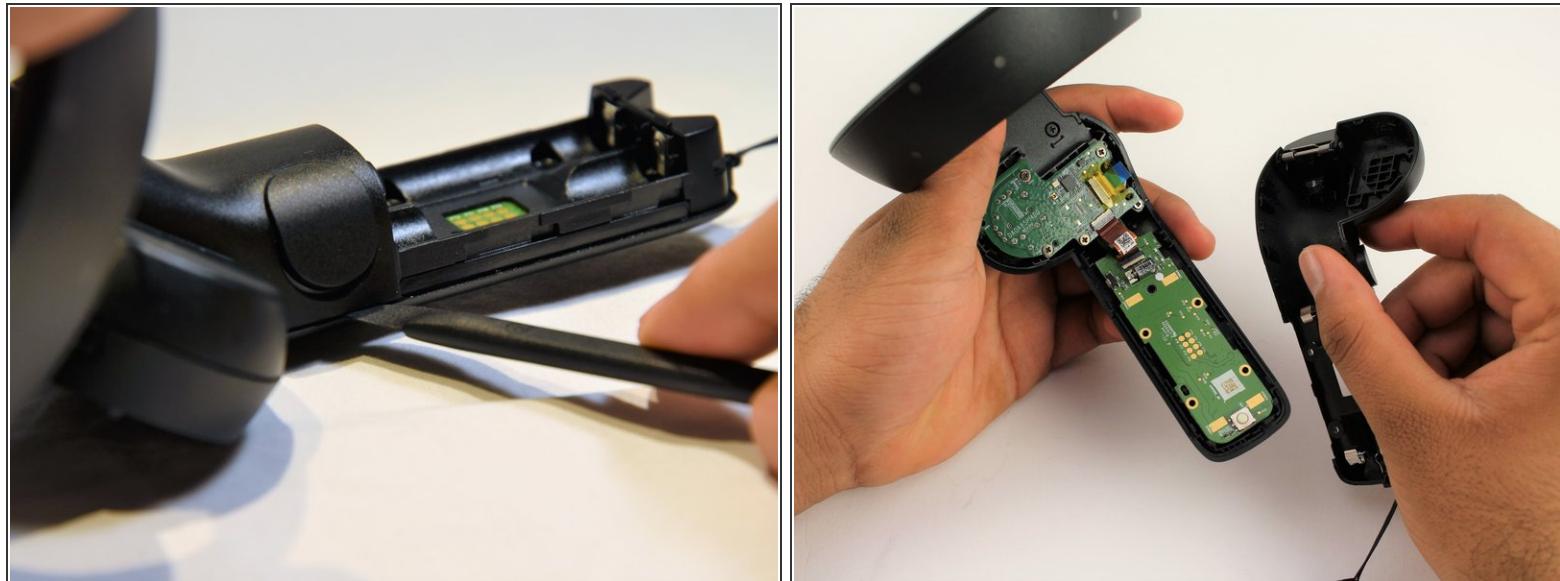
- Remove the four 4mm screws using a Phillips #00 screwdriver.

Step 3



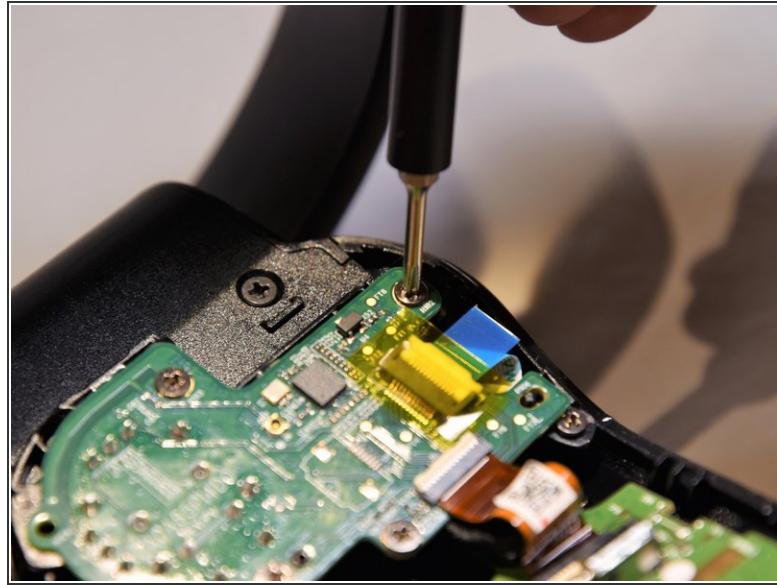
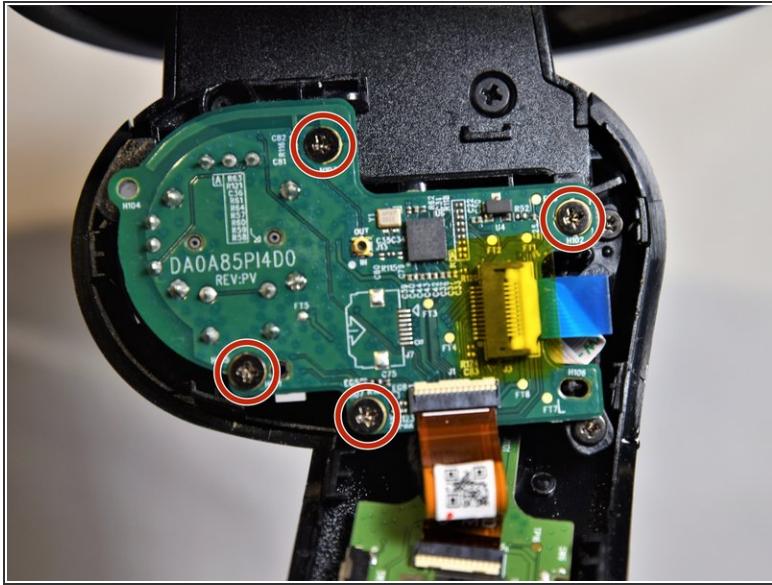
- Grip the main body and pull the joystick outwards until the entire front panel pops off.
- Remove the 6mm screw in the corner of the joystick well using a Phillips #00 screwdriver.

Step 4



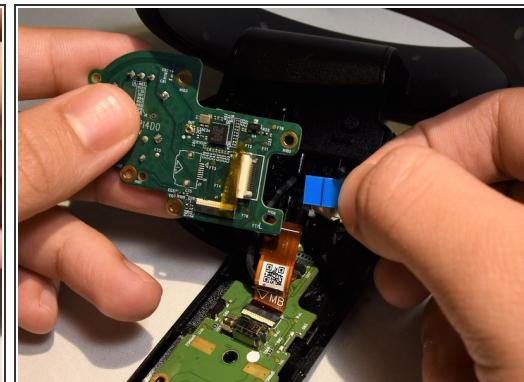
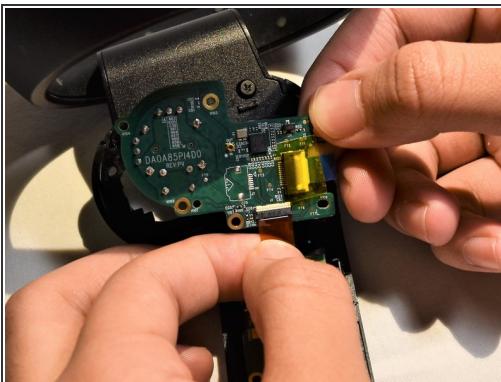
- Use a spudger to pry apart the two halves of the assembly.
- Work slowly, prying a small section at a time until the halves are completely separated.

Step 5 — Small Circuit Board



- Using a Phillips #00 screwdriver, remove the four 4mm screws located on the joystick circuit board underneath the top half of the controller.

Step 6



- Remove the orange flat cable by pulling the orange tab parallel to the circuit board.
- Release the blue flat cable by lifting up the white latch with a spudger.

Step 7 — Touch Pad



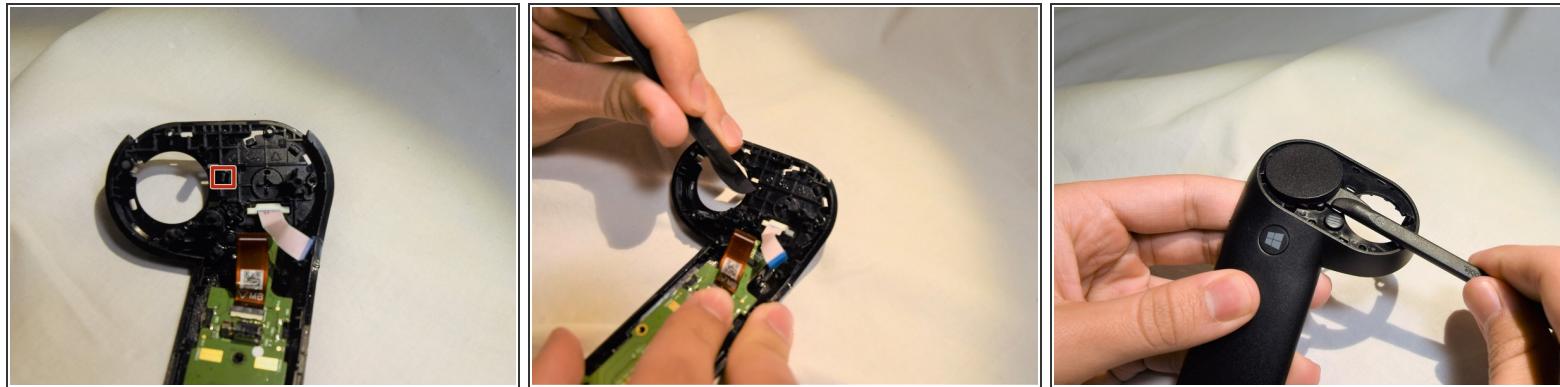
- Remove the two 6mm screws at the base of the rings using a Phillips #0 screwdriver.
- Release the halo wire from the connector on the circuit board.
- Pull the halo ring apart from the rest of the controller.

Step 8



- Remove the two 3mm screws on the V-clip using a Phillips #00 screwdriver.
- Remove the V-clip from the device.

Step 9



- Unclip one of the tabs on the underside of the touch pad.
- Using a spudger, pop off the touch pad.

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