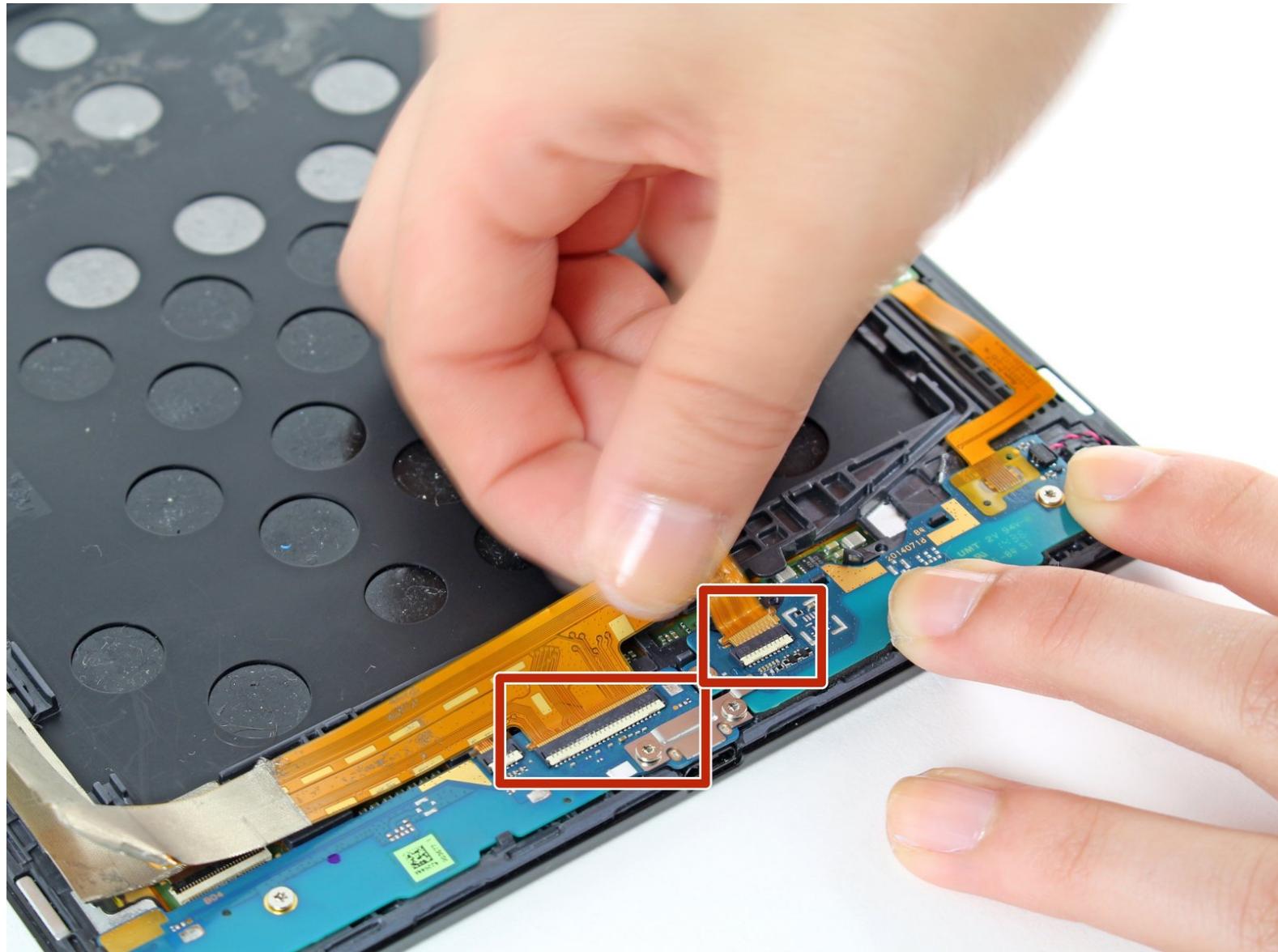




# Nexus 9 Vibrator Daughterboard Replacement

Replace the vibrator daughterboard.

Written By: Geoff Wacker



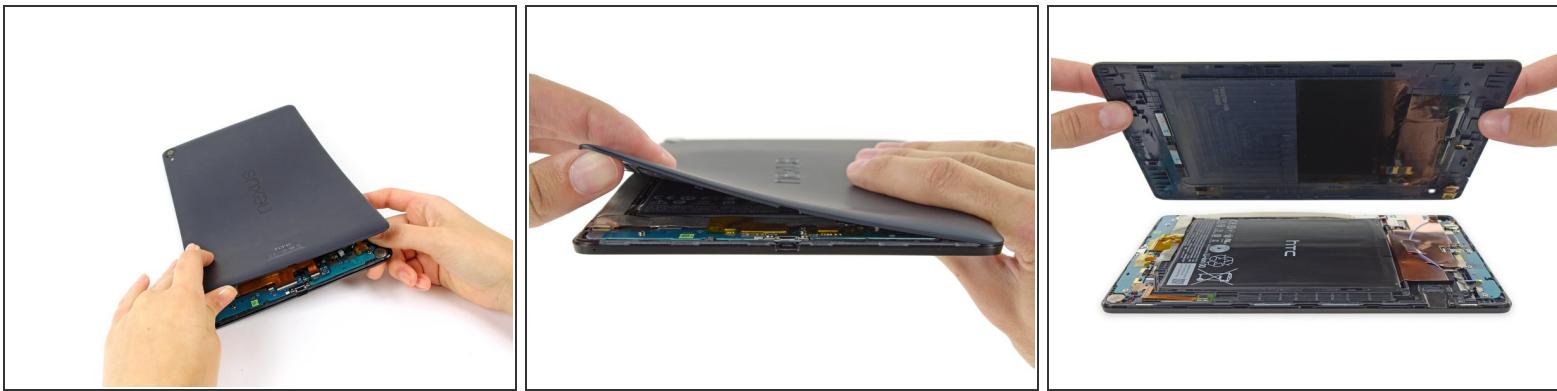
## INTRODUCTION

Replace the vibrator daughterboard in your Nexus 9. It connects the motherboard to the lower speaker, vibrator, and a 3-axis compass. The photos in this guide show the battery removed, but it is **not** necessary to remove the battery to get to the daughterboard.

### TOOLS:

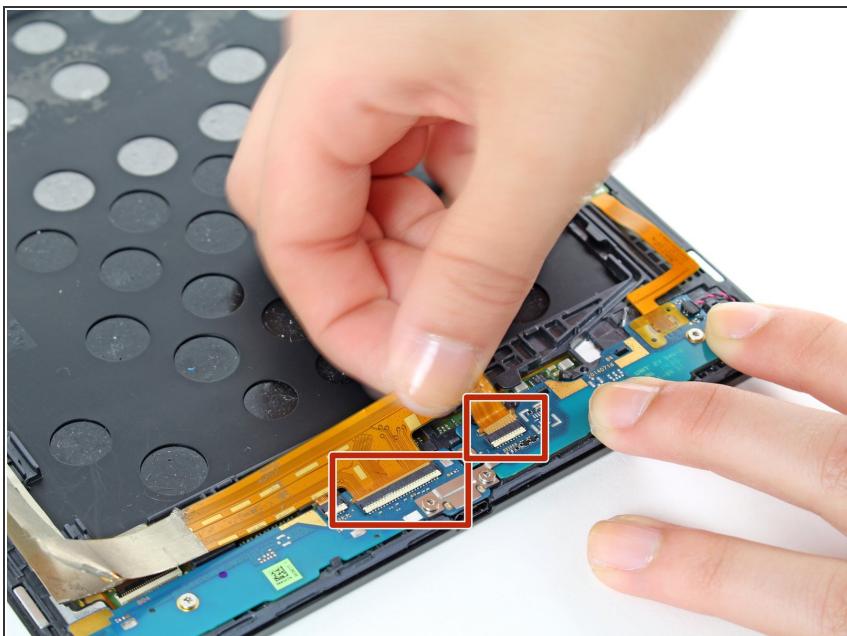
- [T5 Torx Screwdriver](#) (1)
- [Tweezers](#) (1)

## Step 1 — Rear Case



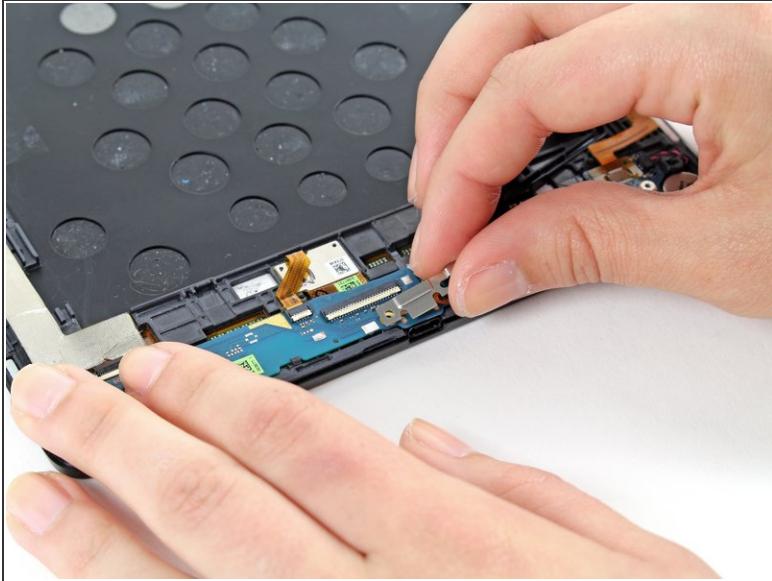
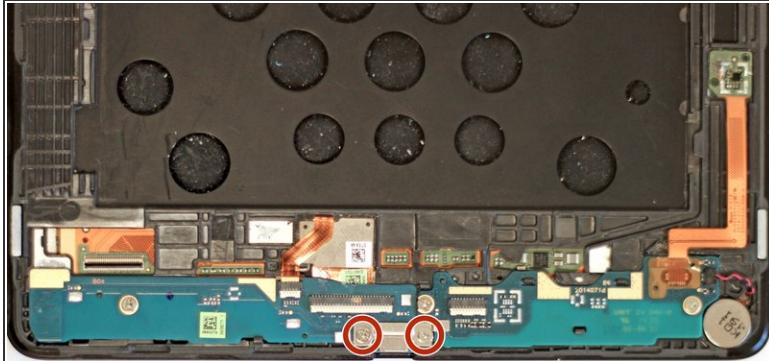
- With your fingers, carefully pry off the back plastic casing. Starting at the corners is usually the easiest.
- (i)* The rear-facing camera seems to fit a little too snugly in its compartment on the rear case; so make sure that it stays connected to the motherboard.

## Step 2 — Vibrator Daughterboard



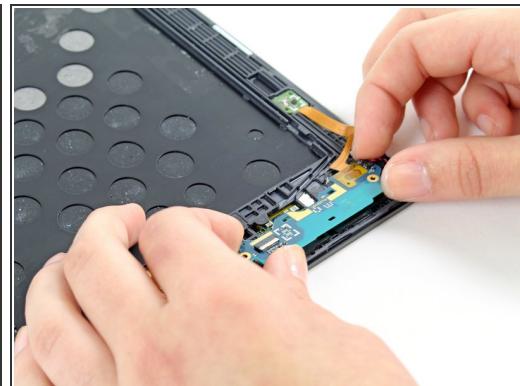
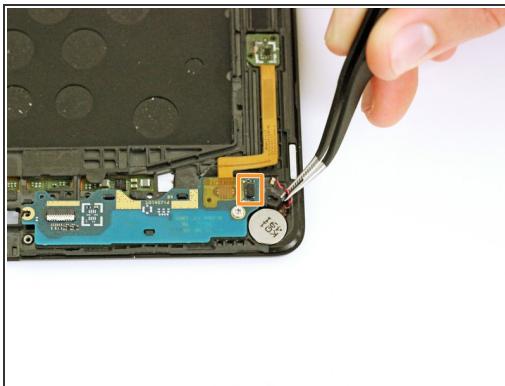
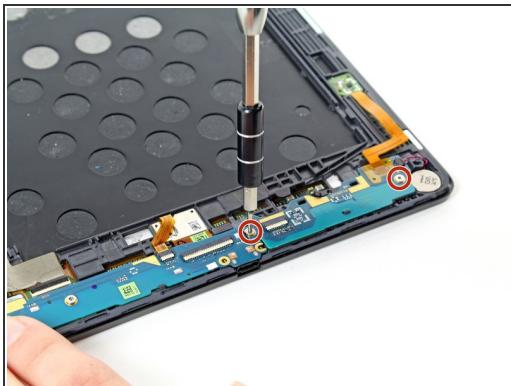
- Disconnect the two ZIF connectors attached to the daughterboards.
- Gently pull on the ribbon cable to remove it.

## Step 3



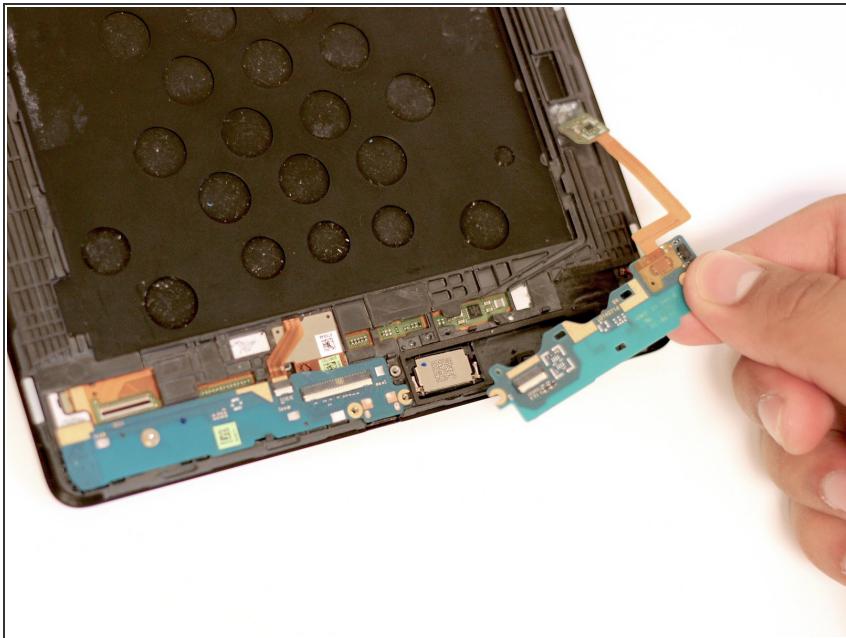
- Remove the two 3mm T5 Torx screws securing the metal USB port bracket.
- Use your fingers or a pair of tweezers to remove the bracket.

## Step 4



- Unscrew the two 3mm T5 Torx screws securing the daughterboard to the device.
- Use a pair of tweezers to disconnect the vibrator cable. It will lift straight up from the daughterboard connector.
- Use your fingers to lift the daughterboard upward and out of the device.

## Step 5



- The daughterboard has an orange ribbon cable that is adhered to the device. Gently pull the ribbon up and remove the daughterboard.

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