OnePlus One Micro USB Port Replacement

Written By: Chad Jackson
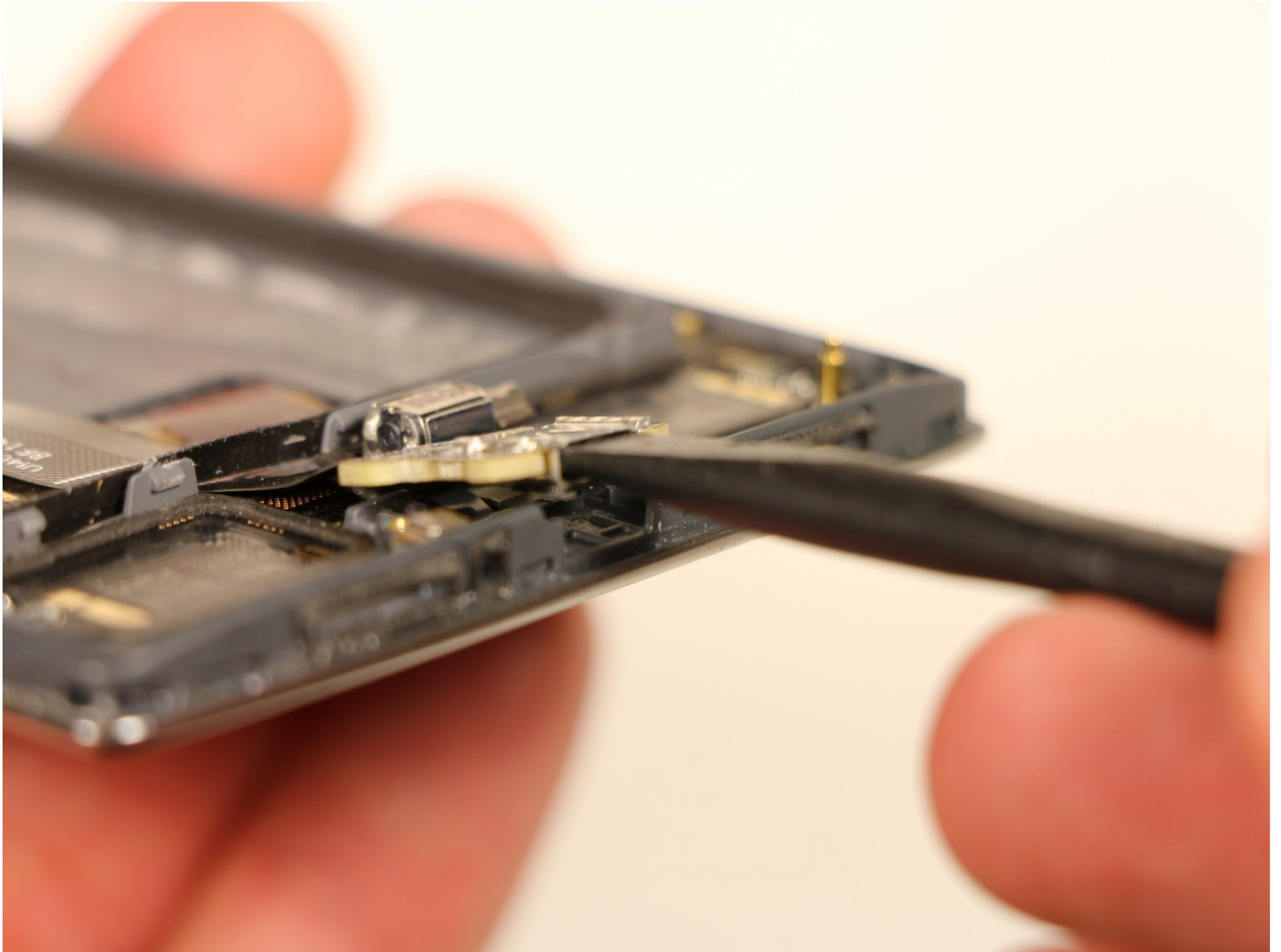
Step 1 — Battery

- Remove the SIM tray.

- Using a plastic opening tool, carefully separate the back panel from the main body assembly of the phone. Be extra careful around the SIM slot or other weak areas.

- You may encounter some resistance due to hidden locking clips around the inside edge of the phone. Not to worry; just move in one consistent direction around the phone as opposed to jumping from spot to spot!

- Top to bottom, left to right, clockwise or counter clockwise, once we make it about half way around the device, the panel is easily removable by hand.

⚠️ **It is of utmost importance that you do not attempt to free the battery from the device at this point without proceeding to the following step!** This is an *integrated* battery that can easily be damaged or destroyed if the proper steps are are not taken.

Step 2

- Using a pair of [tweezers](), remove the plastic plugs.
  - Once the hidden screws are revealed, use a PH #00 screwdriver to remove the three 3.175mm screws.

- Use the PH #00 screwdriver to remove the remaining six 3.175 screws.

Step 3

- Using a plastic opening tool, gently pry up the black plastic cover and remove it from the device.

Step 4

- After we have removed the motherboard cover, we notice that the battery is intact and has a black ribbon attached to it, which is mounted on the logic board.

- Using the spudger, carefully begin to lift the the battery up from the side opposite the ribbon. Be aware that there is high-grade adhesive holding the battery in its bay, so proceed with caution.

⚠ This battery is not encased in a hard shell so it is soft and malleable. Caution must be taken during removal so as not to cause permanent damage.
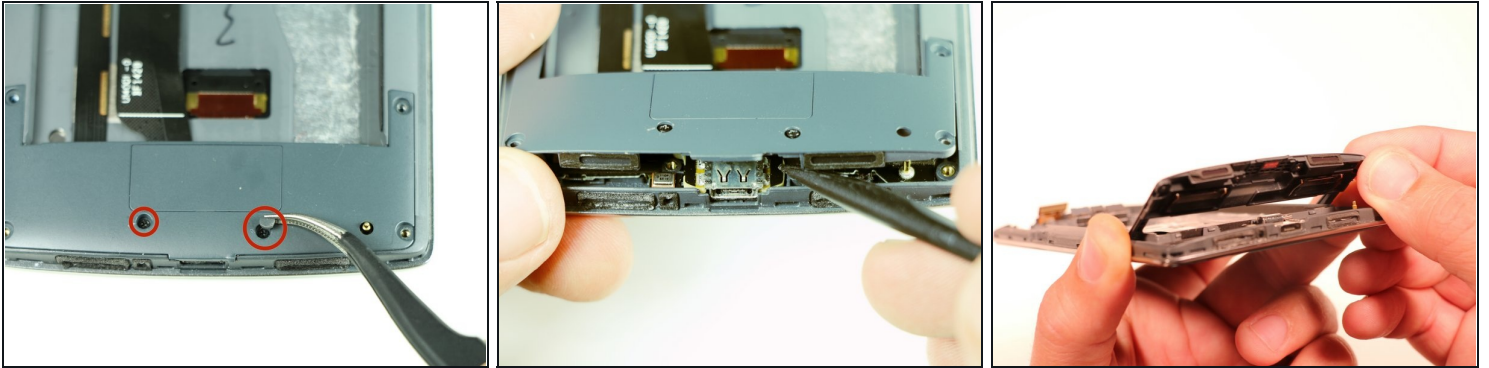
Step 5
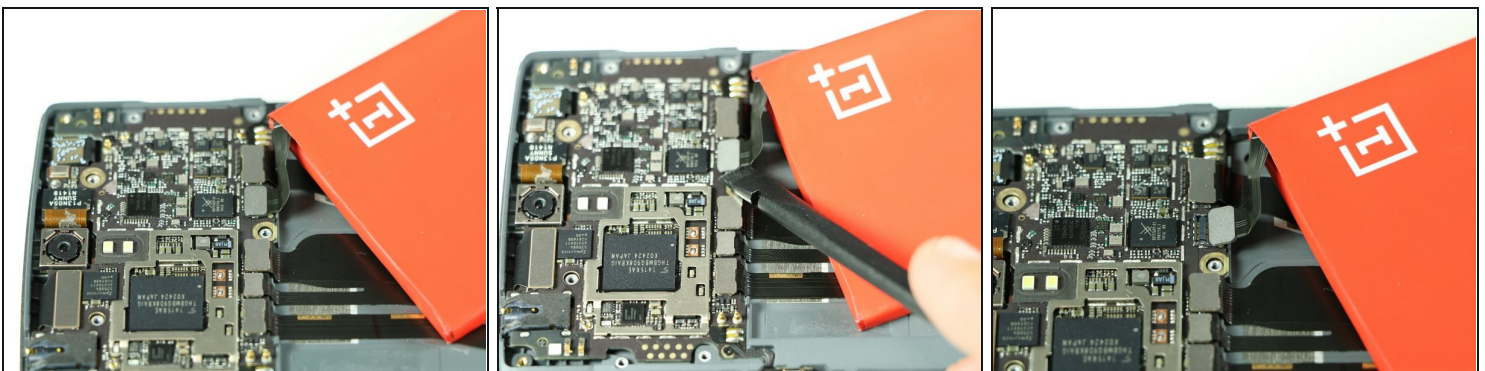
- Once the battery has been freed, we use the ever handy black spudger to pry up and free the battery ribbon from its dock.

ⓘ You can disconnect the battery before freeing it to make removal easier.

## Step 6 — Removing the Lower Back Panel Assembly

- Once the battery has been removed, we shift our attention to the back panel assembly. This piece is held together by six screws. See *info* note below.
  - Luckily, the OnePlus One was assembled with all of the same size screws save for the one holding down the motherboard. All of *these* screws are philips 00 and 3.175 mm. in lenght.

- Using the spudger we pry open the panel assembly and, behold, we have access to the micro usb port. You can also use a blue opening tool if you prefer.

- ⓘ Keep in mind that there are two hidden screws. Both are located beneath plastic plugs. [Tweezers](#) are an effective tool for removing the plugs.

Step 7 — Freeing the micro USB Connector and Attached Ribbon from Daughterboard
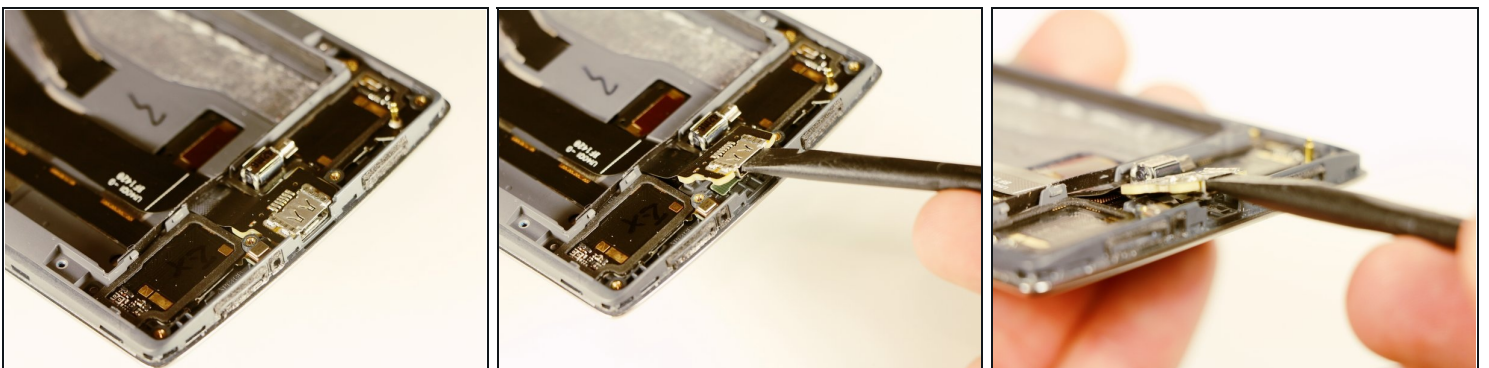
- Now that we have access to the usb port, we use the flat end of or spudger and lift it off of its connector and free it from the daughterboard.

Step 8 — Freeing the USB Ribbon
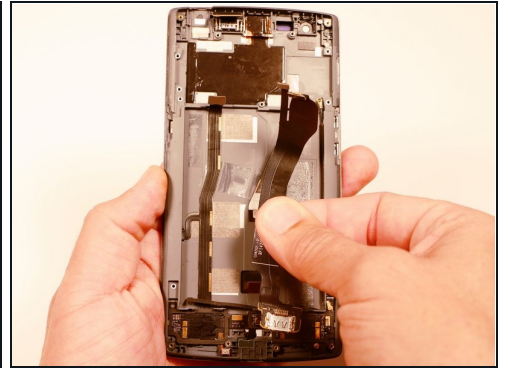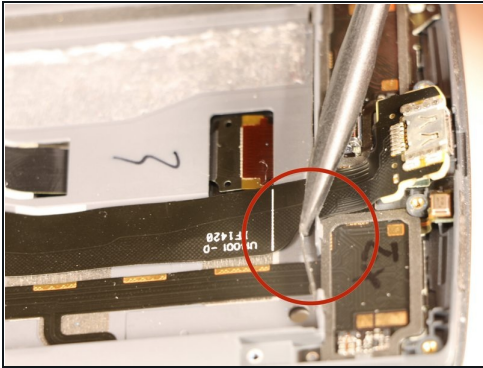
- Now it is time to remove the ribbon. You will notice that there is a small strip of black tape keeping us from from completely freeing it. Not to worry. Simply use the spudger to maneuver the tape out of the way.

- Your micro USB and attached ribbon are now free to be removed.

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