![iFixit logo](X IFIXIT)

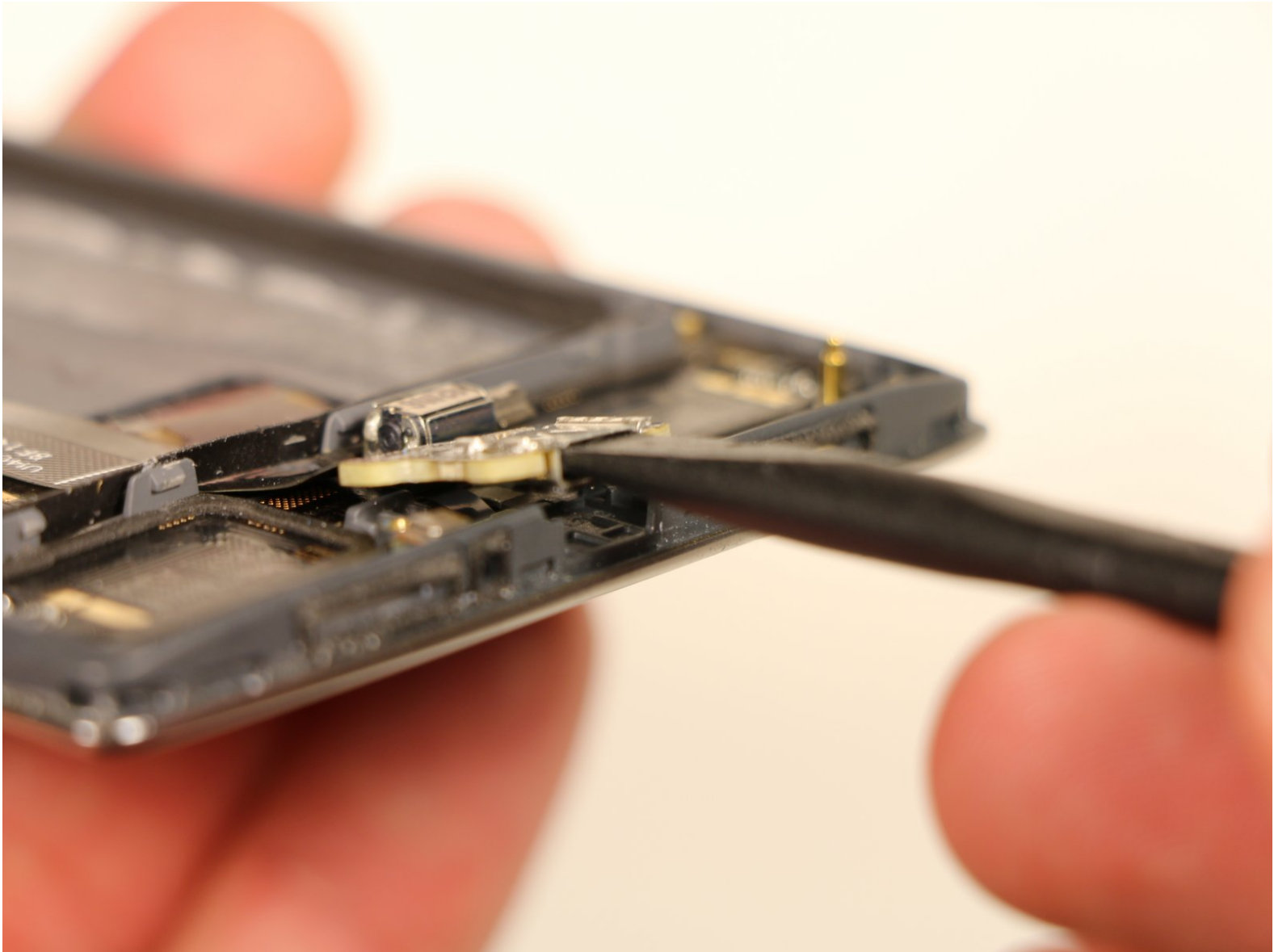# OnePlus One Micro USB Port Replacement

Written By: Chad Jackson

TOOLS:

- Phillips #00 Screwdriver (1)
- iFixit Opening Tool (1)
- SIM Card Eject Tool (1)
- Spudger (1)
- Tweezers (1)

PARTS:

- OnePlus One Charging Assembly (1)

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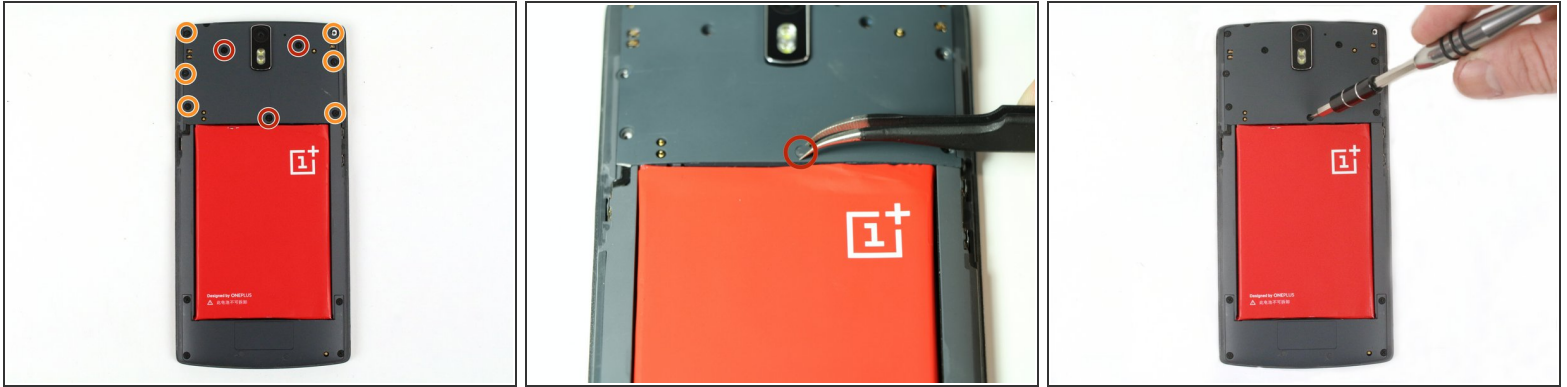
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Step 1 — Battery

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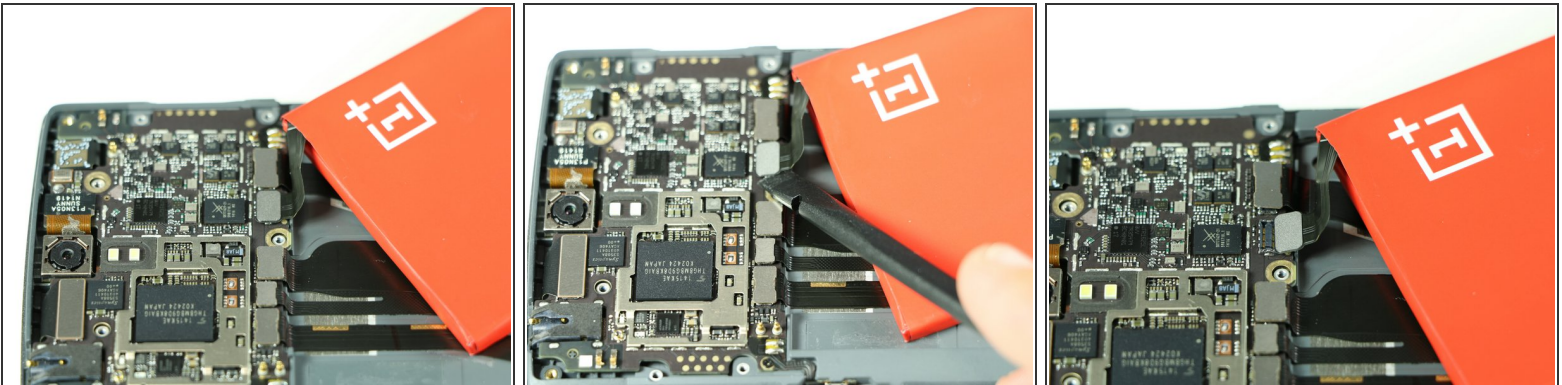- Use the PH #00 screwdriver to remove the remaining six 3.175 screws.

Step 3

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

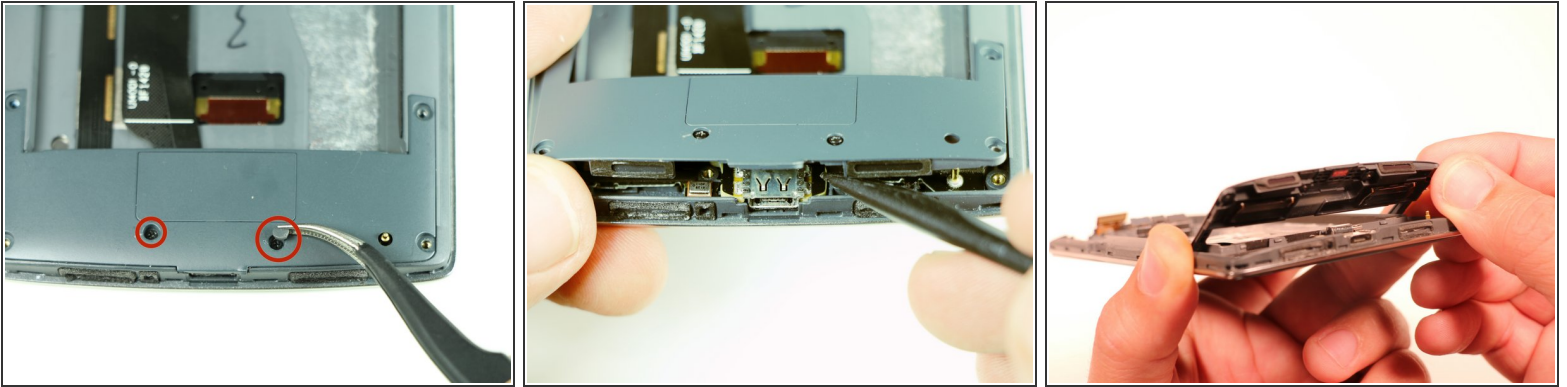This document was generated on 2023-02-25 02:17:01 PM (MST).

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.
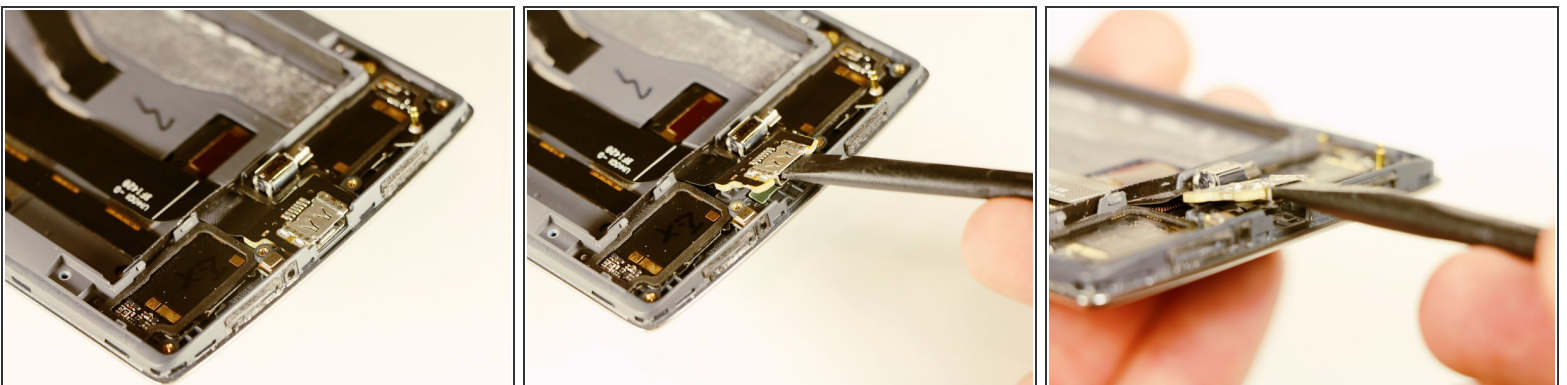
Step 5

- 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.

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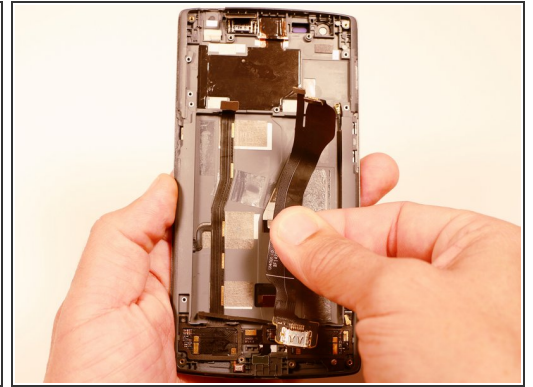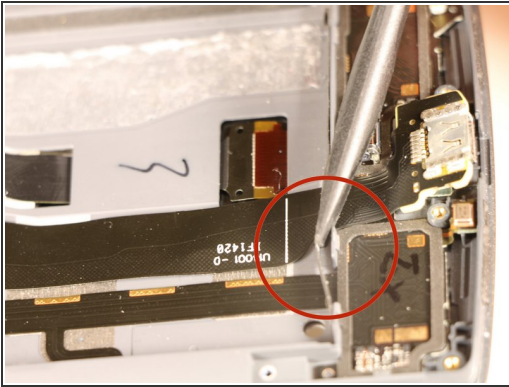## Step 6 — Removing the Lower Back Panel Assembly

- 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.
- (i) 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.

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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.

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