Sony Walkman NWZ-E438 USB Port Replacement

Follow this guide to replace the USB port.

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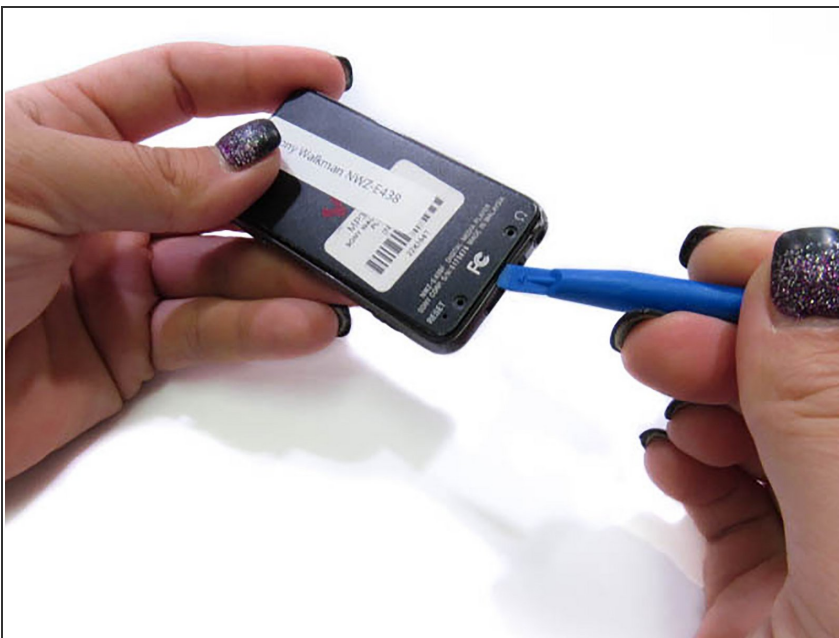This document was generated on 2020-11-16 04:40:49 AM (MST).

🔧 TOOLS:

- Tweezers (1)
- Phillips #000 Screwdriver (1)
- iFixit Opening Tools (1)
- Solder Vacuum (1)
- Soldering Iron (1)

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Step 1 — Disassembling Sony Walkman NWZ-E438

- Unscrew the two screws on the back of the device using a Phillips PH000 screwdriver.

- (i) Keep the Phillips PH000 screwdriver aside for further steps in the guide. It will be the only screwdriver needed for this replacement.
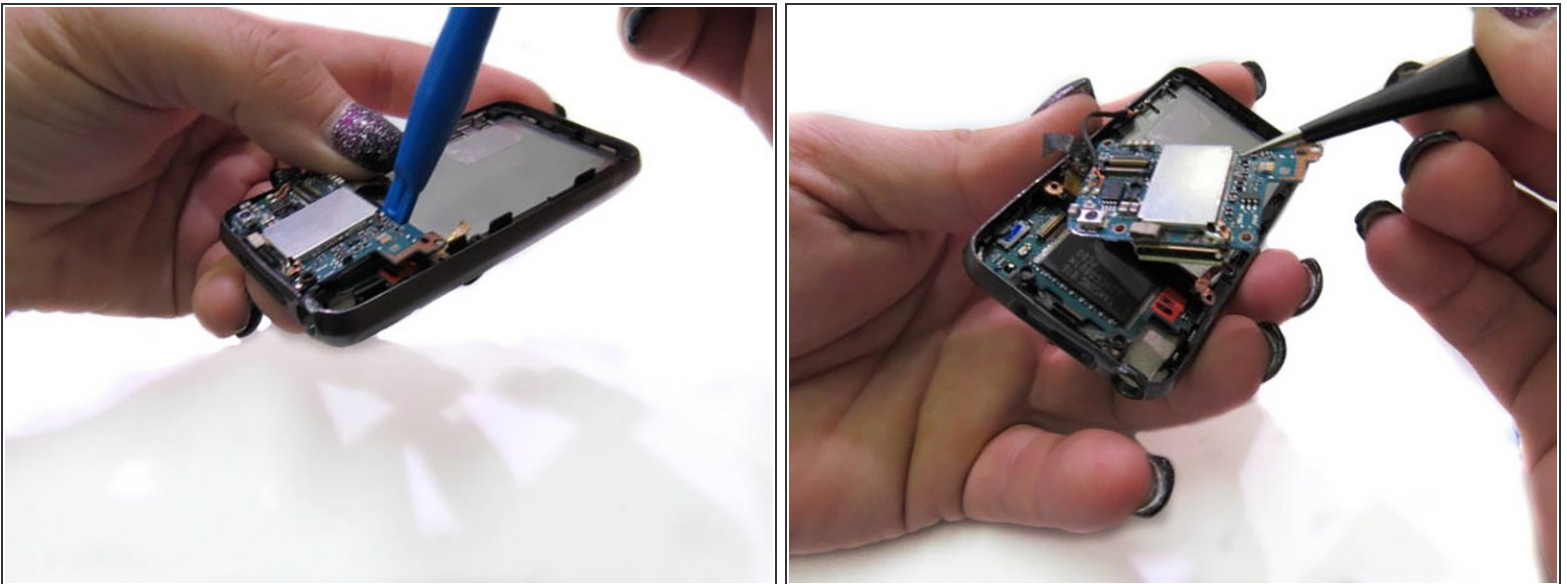
Step 2

- Use a small prying tool to carefully pry open the back of the device.

Step 3 — Circuit Board

- First, you must remove the black tape on the circuit board.

- Next, pull up on the red and gold band until it detaches from the chip.
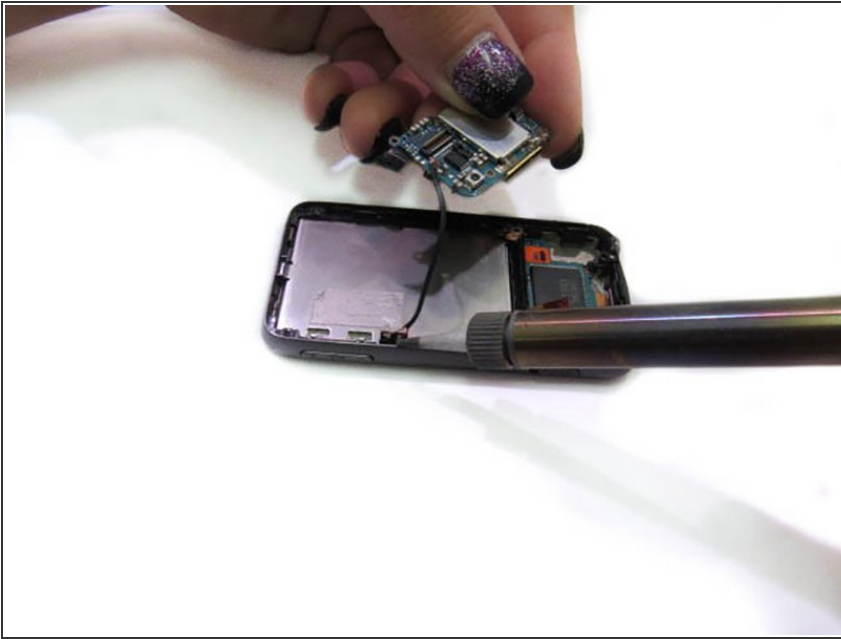
Step 4

- Using a small plastic prying tool, slip the end under the device circuit board and slowly lift it.
  - Once the circuit board is lifted, carefully remove the chip with tweezers.

⚠️ The circuit board will still be connected to the device by a wire.

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Step 5

- Using a soldering iron, carefully heat the metal connecting the wires from the device to the circuit board.

- ⭐ You will need the soldering iron to reattach those wires once you've replaced the circuit board.
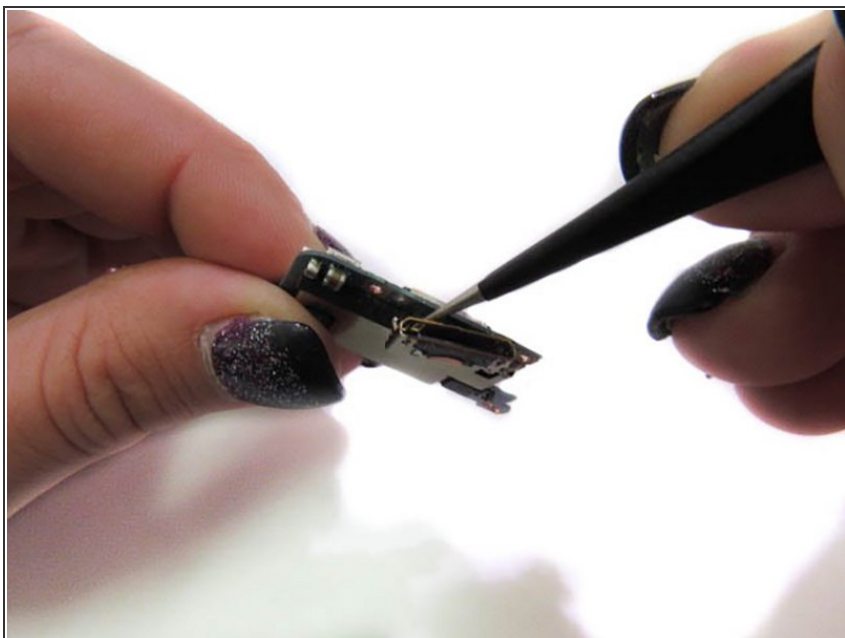
Step 6

- Carefully remove the circuit board from the device.

Step 7 — USB Port

- Using fine point tweezers, push them between the chip and USB port.

Step 8

- Slowly pry the USB port off of the chip.
- ⓘ You will need to solder the new USB onto the circuit board.

Step 9

● Remove USB port.

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