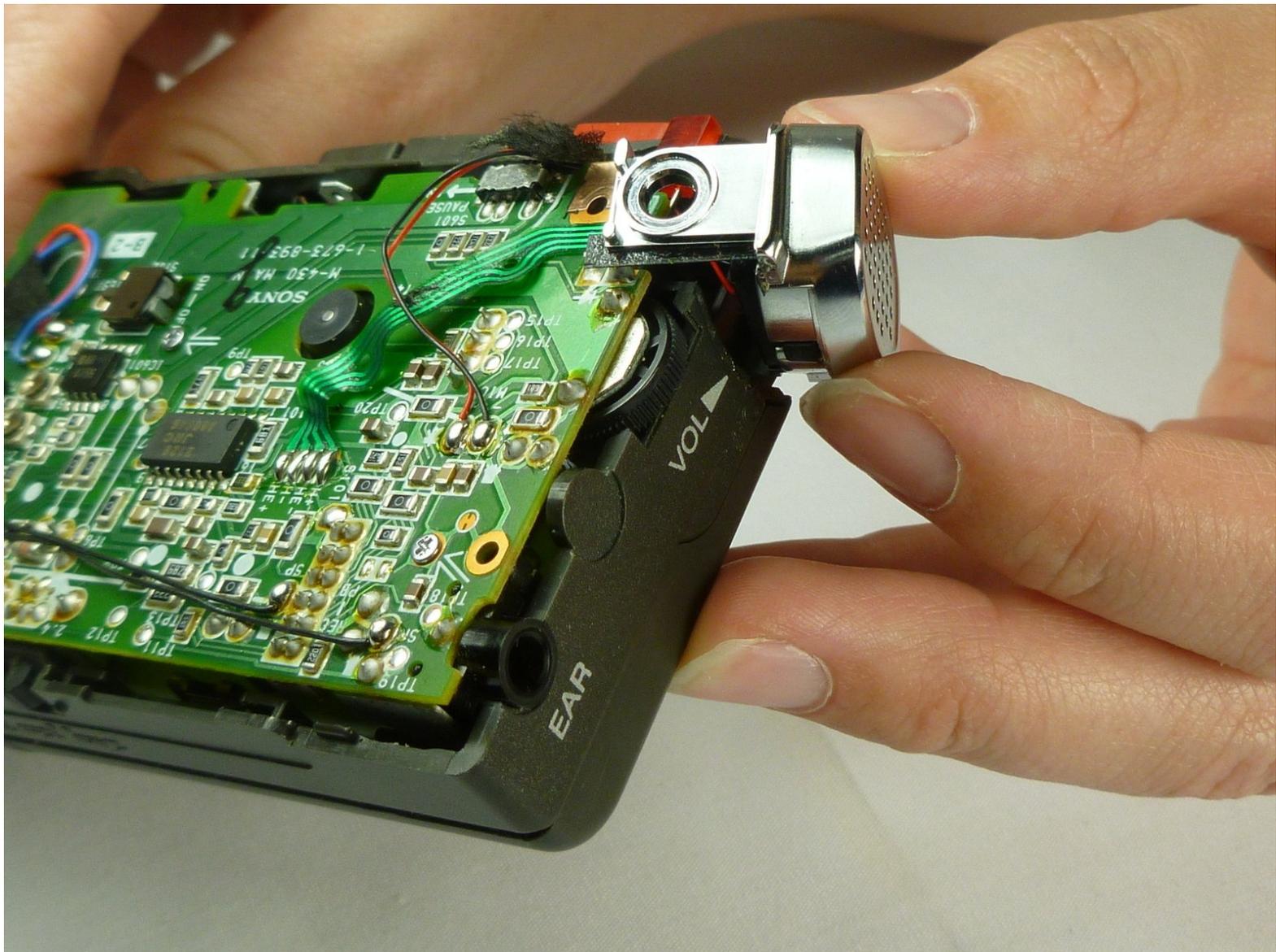




Sony M-430 Microcassette-Corder Microphone Replacement

This guide will show you how to replace a faulty microphone

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 **TOOLS:**

- [Phillips #0 Screwdriver](#) (1)
 - [Soldering Iron](#) (1)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Battery



- Find the arrow on the battery cover on the back of the device.
- While pressing down on the arrow, slide the cover towards the bottom of the recorder until it clicks.

Step 2



- Lift the cover and remove the batteries.

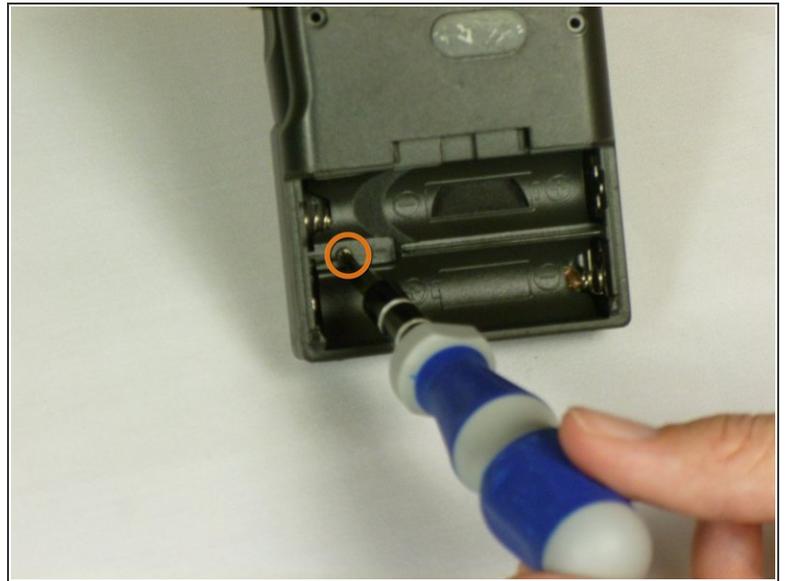
Step 3 — Back Cover



- Remove the battery cover by first tilting it so it is at a right angle with the rest of the device.
- Next, twist it to the side as shown in the second picture. The lid should simply snap off.

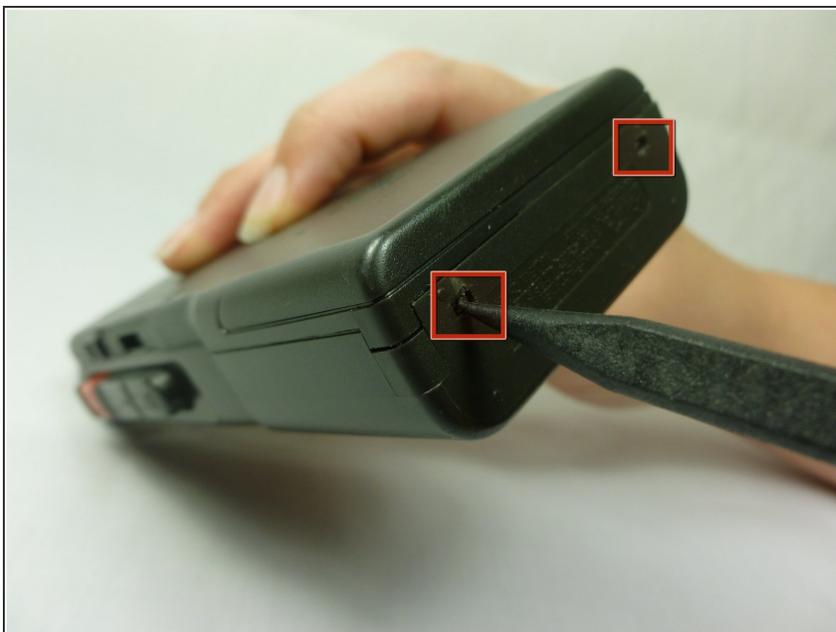
⚠ Be careful not to apply too much force, as the lid may break.

Step 4



- Use a #00 Phillips head screwdriver to remove the four (1.7x16 mm) screws from the back case.
- Next, use the same screwdriver to unscrew the (1.7X5 mm) screw, which is located inside the battery compartment.

Step 5



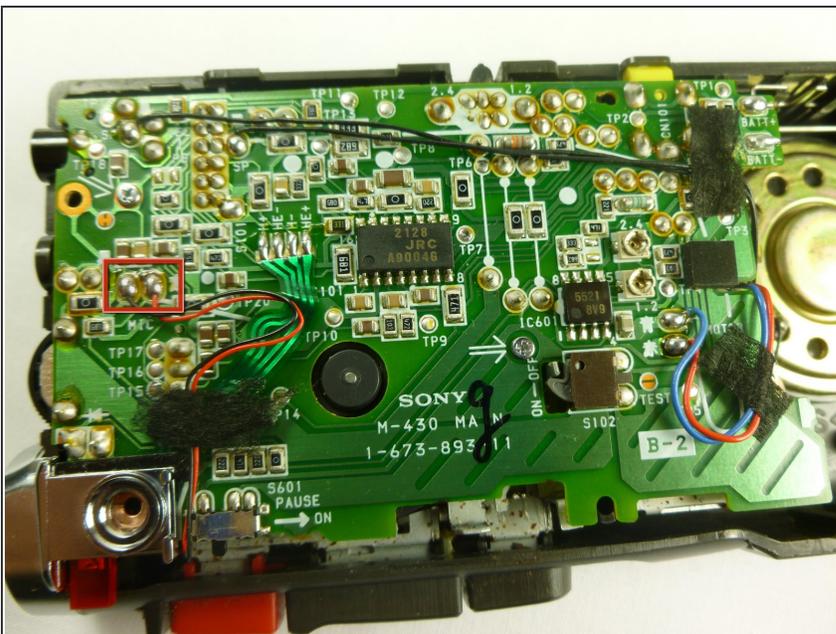
- Use a spudger to push in the two tabs located on the bottom of the device.
- It works best to push the tabs at an upward angle (towards the top of the battery compartment)
- It may take a decent amount of force in order to push in the tabs.

Step 6



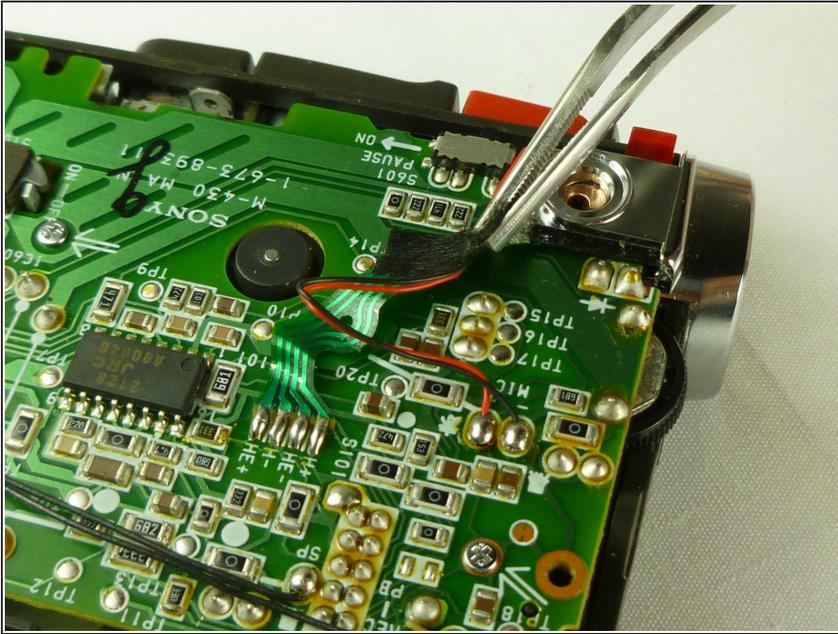
- With a firm grip on the larger half, remove the back cover by lifting first on the battery area.
- The back cover should lift cleanly off.

Step 7 — Microphone



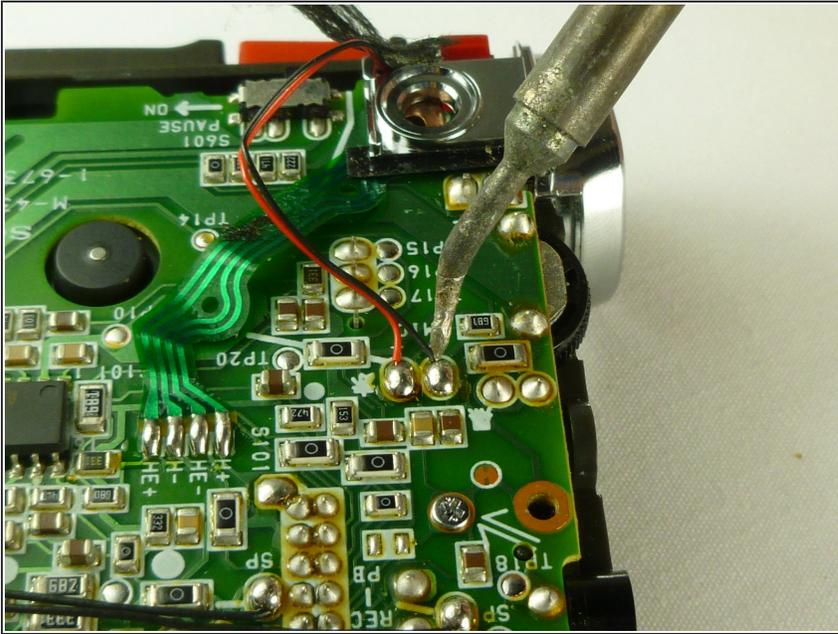
- The microphone is the silver circular part above the buttons on your device.
- A black and a red wire connect the microphone to the motherboard as shown in the bottom left of the picture.

Step 8



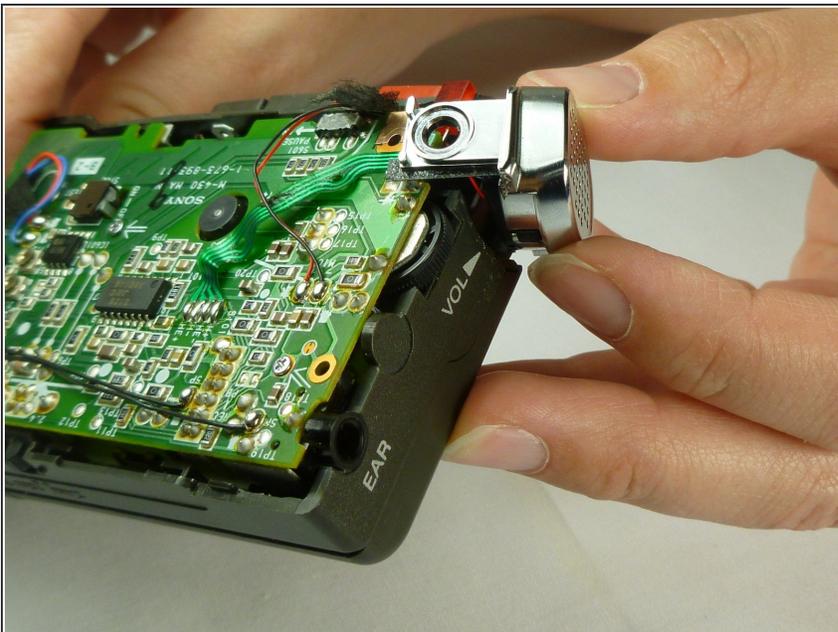
- The wires are held down with a piece of black tape.
- Remove the tape with a pair of tweezers. Try not to pull the wires, as they might tear loose from their soldering connections

Step 9



- Desolder the two connections between the wires and the motherboard. Make sure that the two solder points do not melt together.

Step 10



- Now that the wires are disconnected from the motherboard, you can simply pull the mic out, away from the top of the device.
- ⚠ Be careful to not detach the mic from its wires, as the connection between the wire and the mic itself is delicate.

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