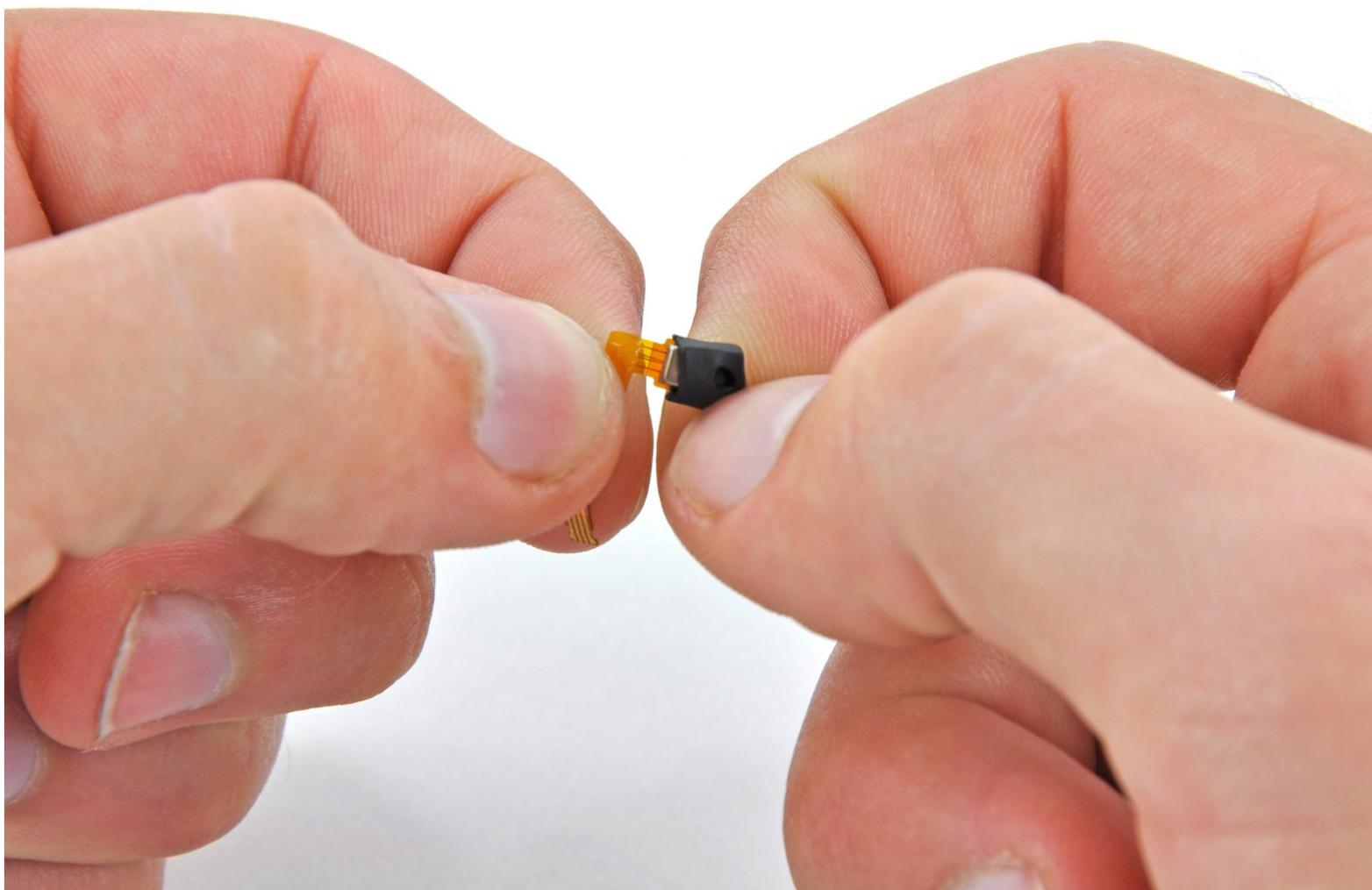




Nintendo 3DS Microphone Replacement

Nintendo 3DS microphone replacement

Written By: David Hodson



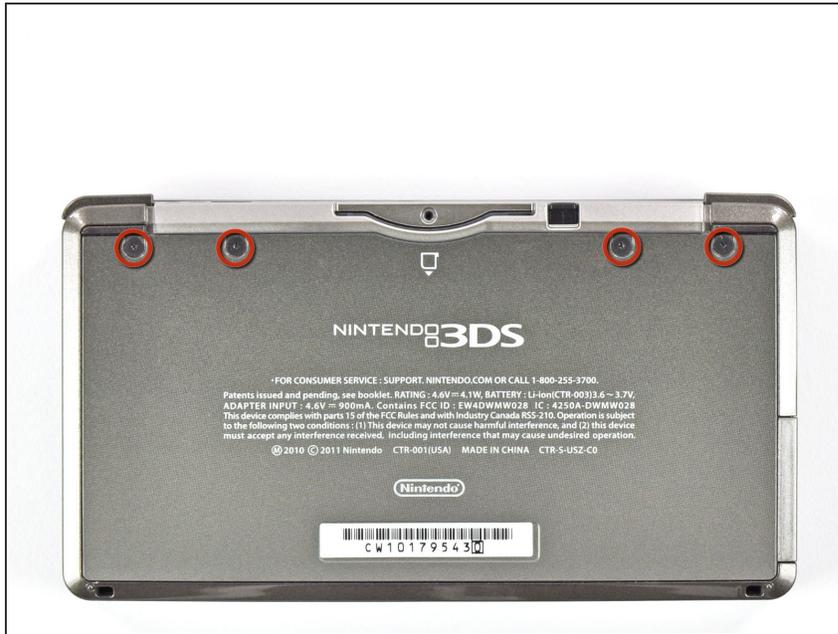
INTRODUCTION

What's that? I can't hear you! I think you need to install a new microphone.

TOOLS:

- [Tweezers](#) (1)
 - [iFixit Opening Tool](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
-

Step 1 — Back Cover



- Unscrew the four Phillips #00 screws along the top of the back cover.

i The screws are held in place by locking washers, and will not come out of the back cover.

! The comments section is full of unlucky souls who will tell you that the screws here through step 4 will strip incredibly easily. Press down fairly hard, and go slow.

Step 2



- i Hold the device in one hand and turn it over.
- Grab the top edge of the back cover with your opposite hand so that the cover does not fall back into place.
- i Flip the 3DS over again so that the back cover is facing up.
- Pull the back cover up and away from the rest of the device to remove it.

Step 3 — Battery



- Insert a plastic opening tool into the notch in the lower case above the battery.
- Pry the battery up with the plastic opening tool.
- Grab the top edge of the battery and lift it out of the lower case.

Step 4 — Lower Case



- Remove the nine 6.3 mm black Phillips screws from the lower case.
- ⚠ These screws will strip very easily unless you use the correct size bit. Apply pressure to the screws while turning to avoid stripping them.
- Remove the 2.4 mm silver Phillips screw above the game cartridge slot.

Step 5

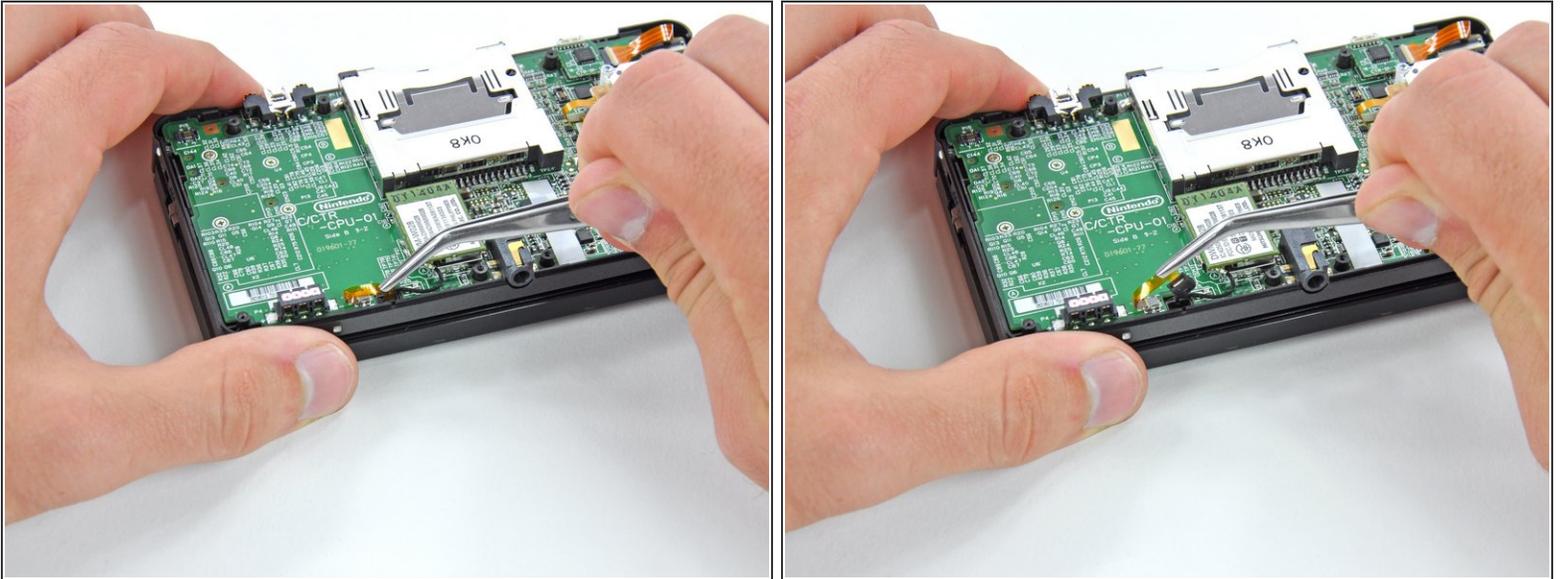


- Lift the bottom edge of the lower case off the rest of the 3DS.

⚠ There are still two ribbon cables connecting the mother board to the case, so be sure not to pull the lower case all the way off.

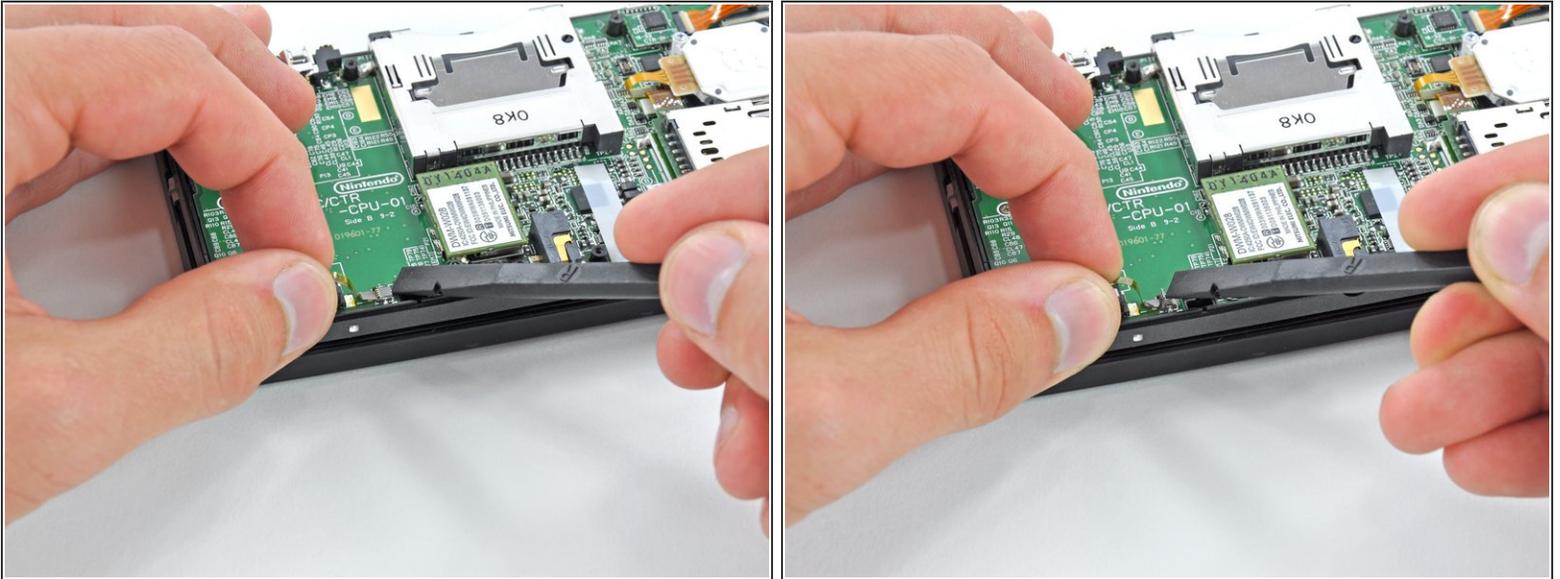
- Use a plastic opening tool to pry the shoulder button ribbon cables off their sockets on the motherboard.
- Remove the lower case from the device.

Step 6 — Microphone



- Grasp the microphone ribbon cable near the microphone with a pair of tweezers.
- Pull the microphone straight up out of the upper case.

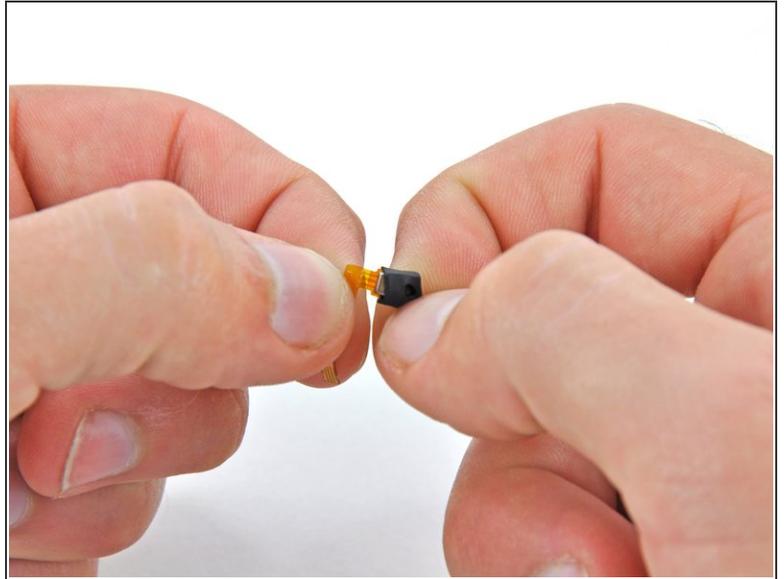
Step 7



- Use the flat end of a spudger or your fingernail to flip up the retaining flap on the Microphone ribbon cable ZIF socket.

⚠ Be sure you are prying up on the hinged retaining flap, **not** the socket itself.

Step 8



- Lift the microphone and its attached ribbon cable off the motherboard.
- If your replacement microphone doesn't come with a silicone cover, peel the cover off the original one and reuse it.

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