



Nintendo 3DS Wi-Fi Board Replacement

Wi-Fi board replacement.

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INTRODUCTION

Replace the Wi-Fi board in your 3DS so you can get back on the Nintendo eShop.



TOOLS:

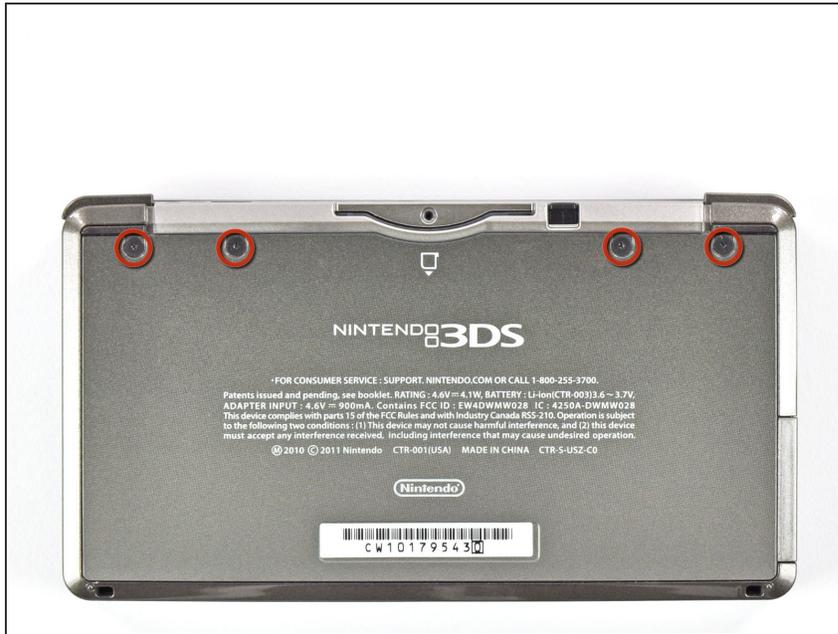
- [iFixit Opening Tool](#) (1)
- [Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)



PARTS:

- [3DS Wi-Fi Card](#) (1)

Step 1 — Back Cover



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

ⓘ 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

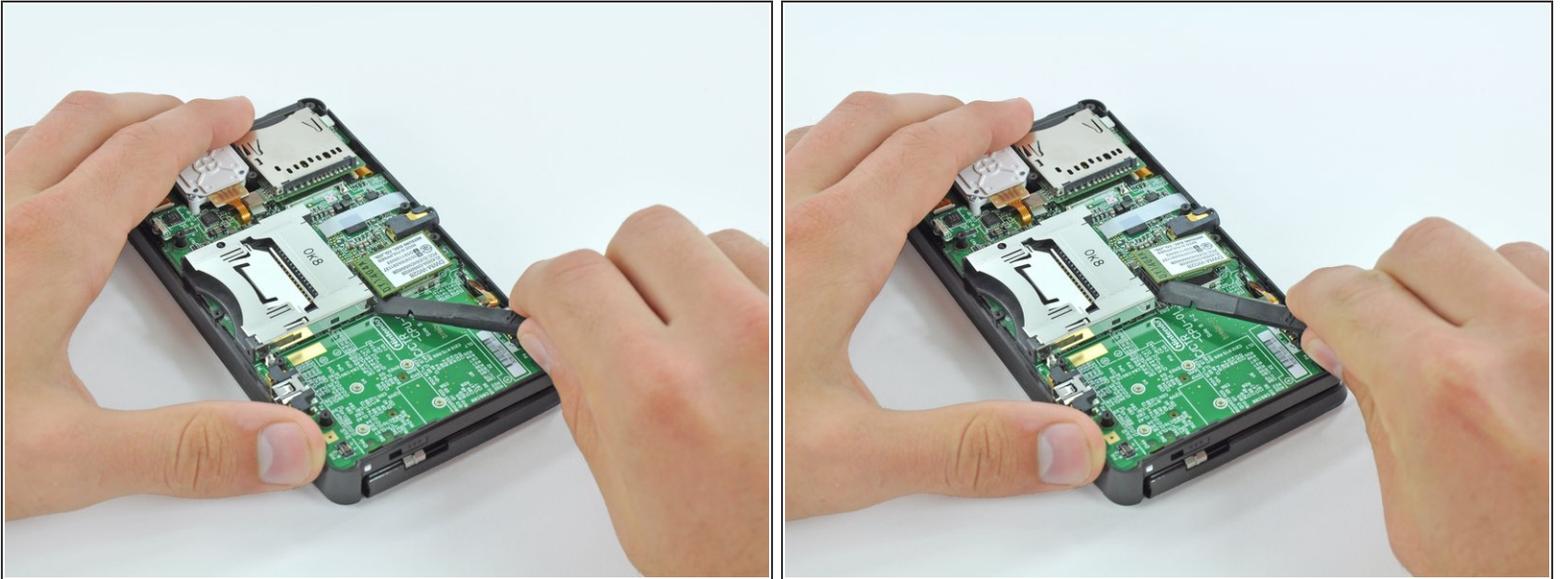


- Lift the bottom edge of the lower case off the rest of the 3DS.

⚠ 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.

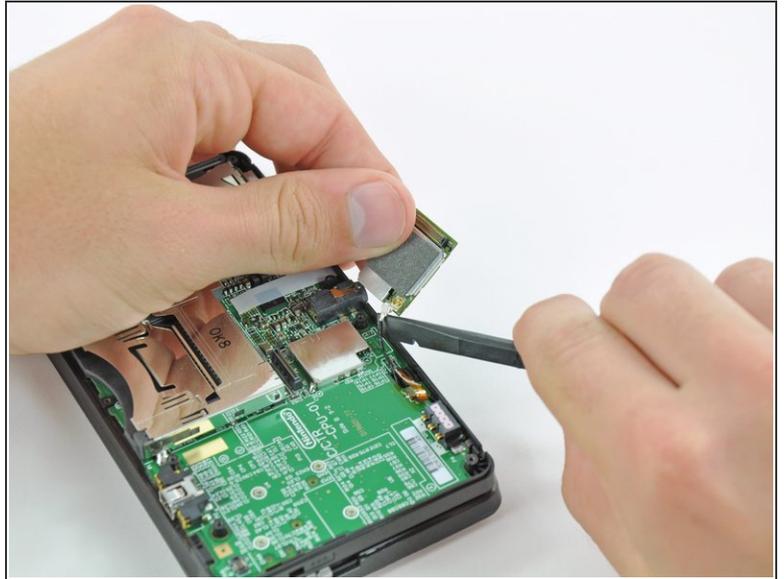
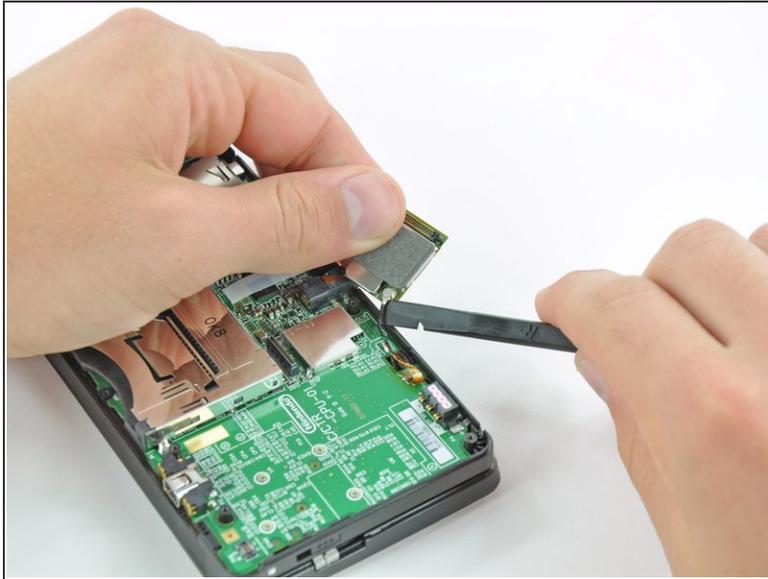
- Use a plastic opening tool to pry the shoulder button ribbon cables off their sockets on the motherboard.
- Remove the lower case from the device.

Step 6 — Wi-Fi Board



- Slide the flat end of a spudger under the corner of the Wi-Fi board, and lift it away from the motherboard.
- ⓘ The Wi-Fi antenna cable is still connected to the Wi-Fi board, so you cannot completely remove the Wi-Fi board yet.

Step 7



- ⓘ Lift the Wi-Fi board off the motherboard and rotate it so that the bottom side is facing up.
- Use the flat end of a spudger to pry the Wi-Fi antenna cable connector off its socket on the Wi-Fi board.
- Remove the Wi-Fi board from the 3DS.

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