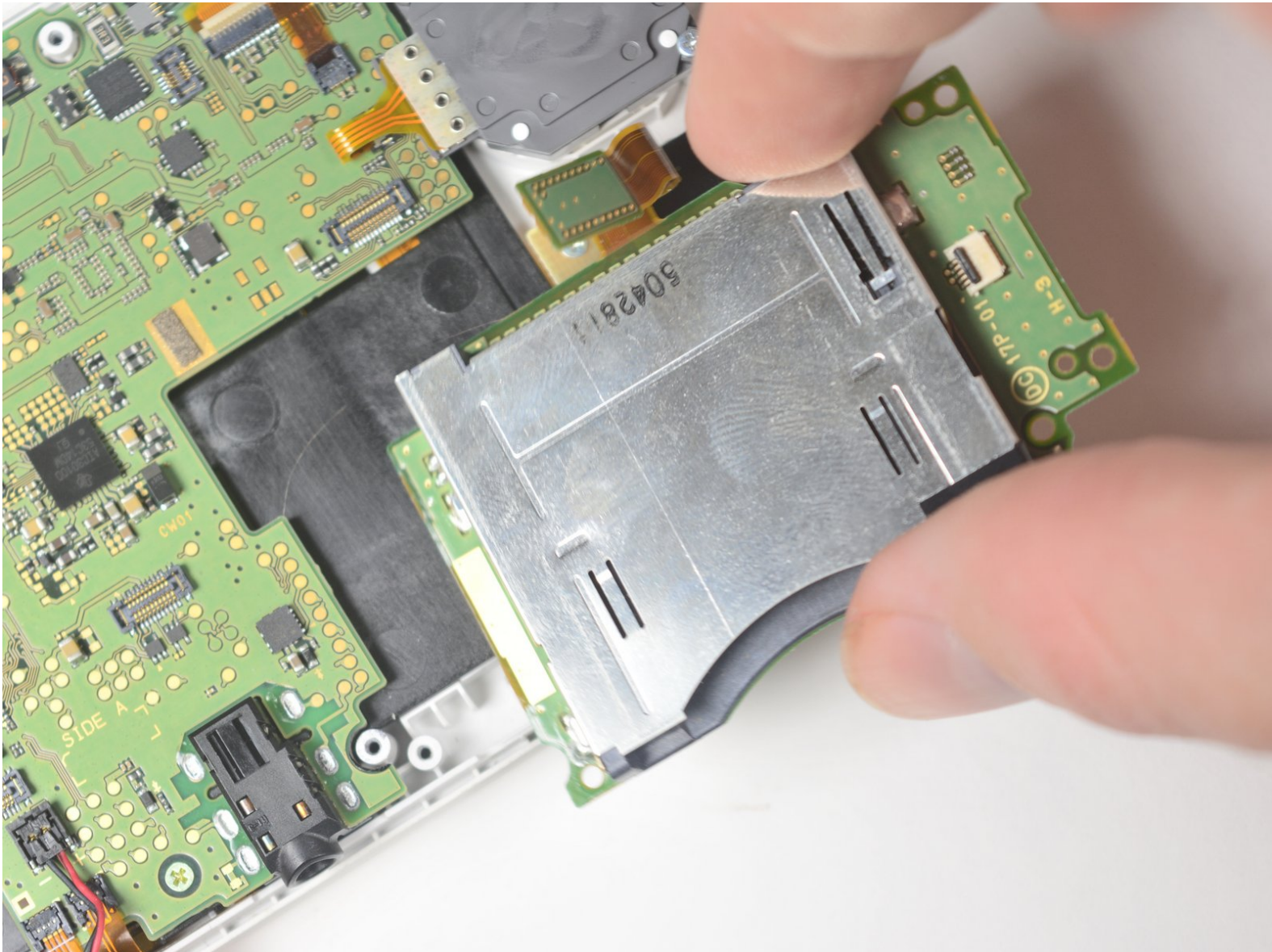




Nintendo 3DS 2015 Gamecard Reader Replacement

Replace the gamecard reader in the 3DS 2015.

Written By: Tyler Starr



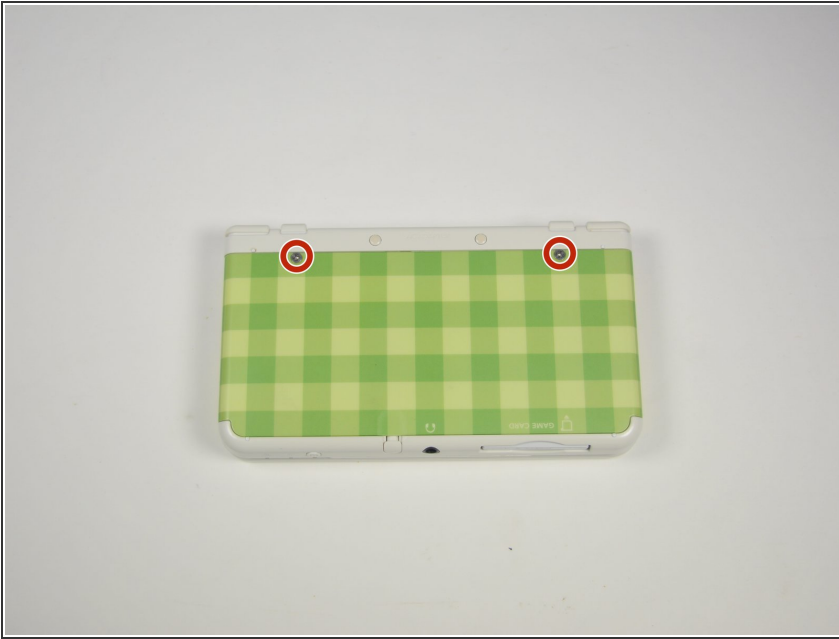
INTRODUCTION

If your games won't load replacing the gamecard reader is an option. Watch out for delicate ribbon cables in the device.

TOOLS:

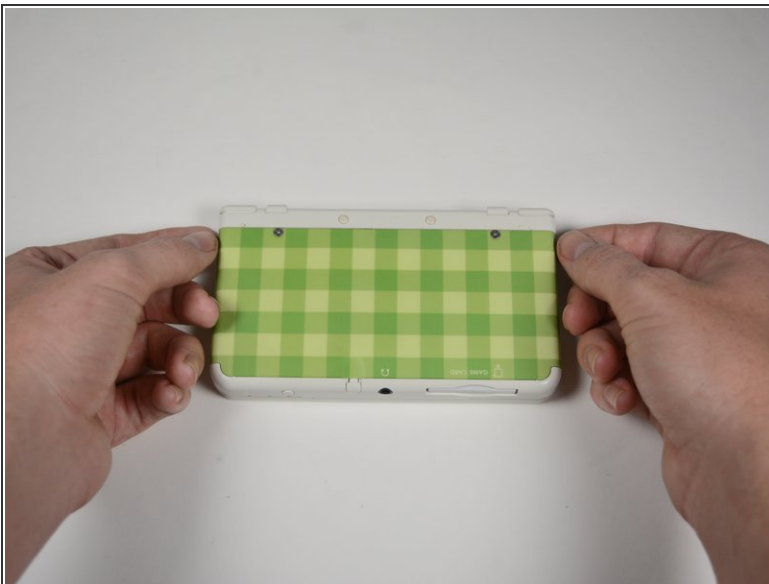
- [Tweezers](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Tri-point Y0 Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Spudger](#) (1)
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Step 1 — Battery



- Unscrew the two 3mm Phillips #0 head screws along the top edge of the device.
- ⚠ The screws on the back panel strip easily. Go slowly and press down firmly.
- ⓘ The screws on the back panel are held in by locking washers, so they won't come out of the back panel.

Step 2



- Pull the top corner tabs of the front face plate outward and towards you.
- Pull the faceplate up and out of the slots at the bottom of the device.
- Set aside the back faceplate.

Step 3



- Insert a plastic opening tool into the notch at the top of the battery.
- Pry the battery up with the plastic opening tool.

Step 4 — SD Card Reader



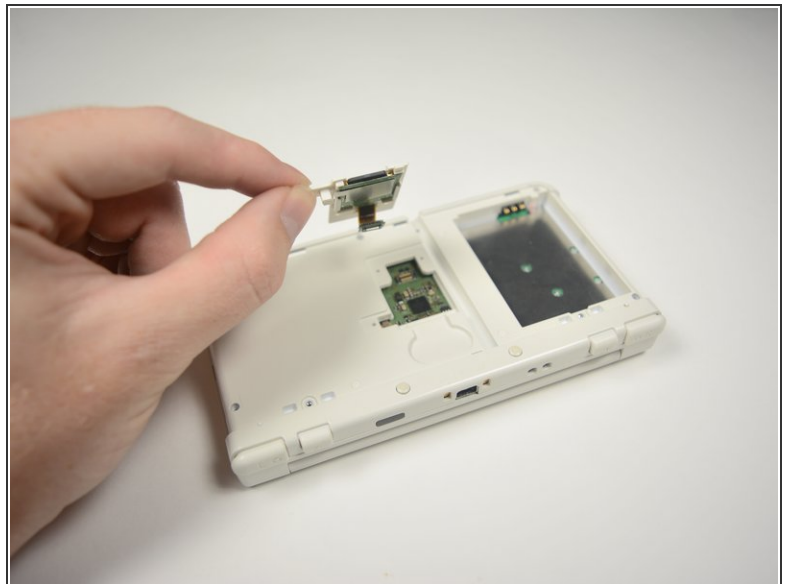
- Unscrew the three 3mm Y0 screws along the right and bottom of the SD card reader.
- ⓘ The bottom of the SD card reader should slightly pop out after removing the screws.

Step 5



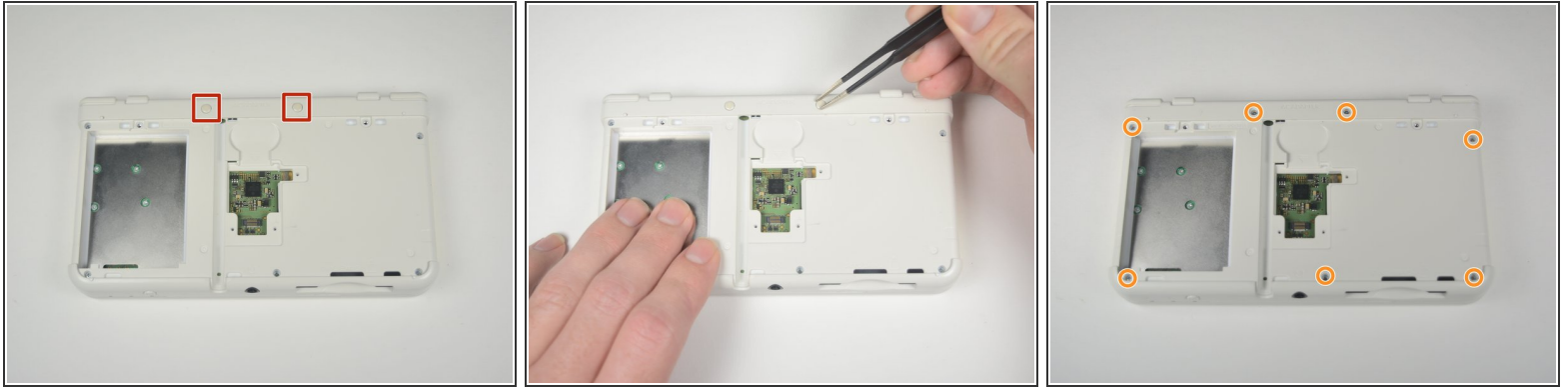
- Pull the SD card reader from the edge with two holes gently to free the tab at the top of the SD card reader.
- ⚠ Don't completely pull the SD card out of the device yet. There is a ribbon cable connected under the SD card reader.
- Reorient the device so that the power jack faces you.

Step 6



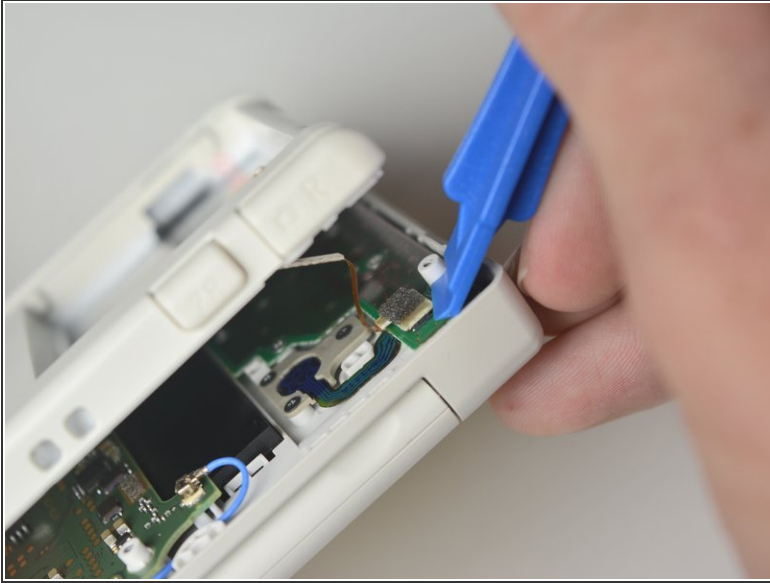
- Lift the SD card reader gently.
- Use a plastic opening tool to pry the SD card ribbon cable off the socket on the motherboard.
- Lift the SD card reader out of the lower casing.

Step 7 — Lower Case



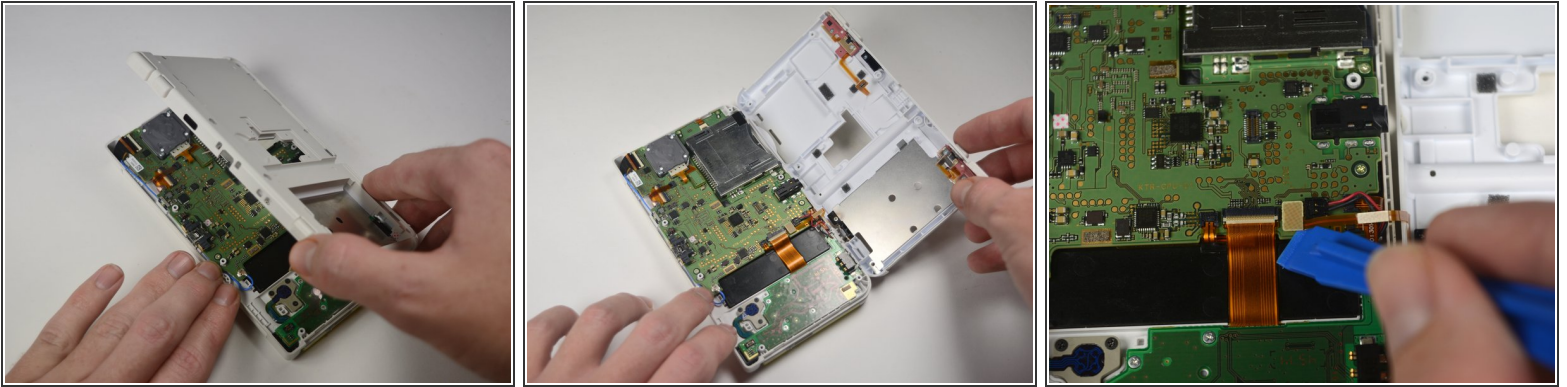
- Reorient the device so that the game slot now faces you.
- Remove the two rubber bumpers along the top of the device using tweezers.
- Unscrew the seven 6mm Phillips #00 screws along the top and bottom of the 3DS.

Step 8



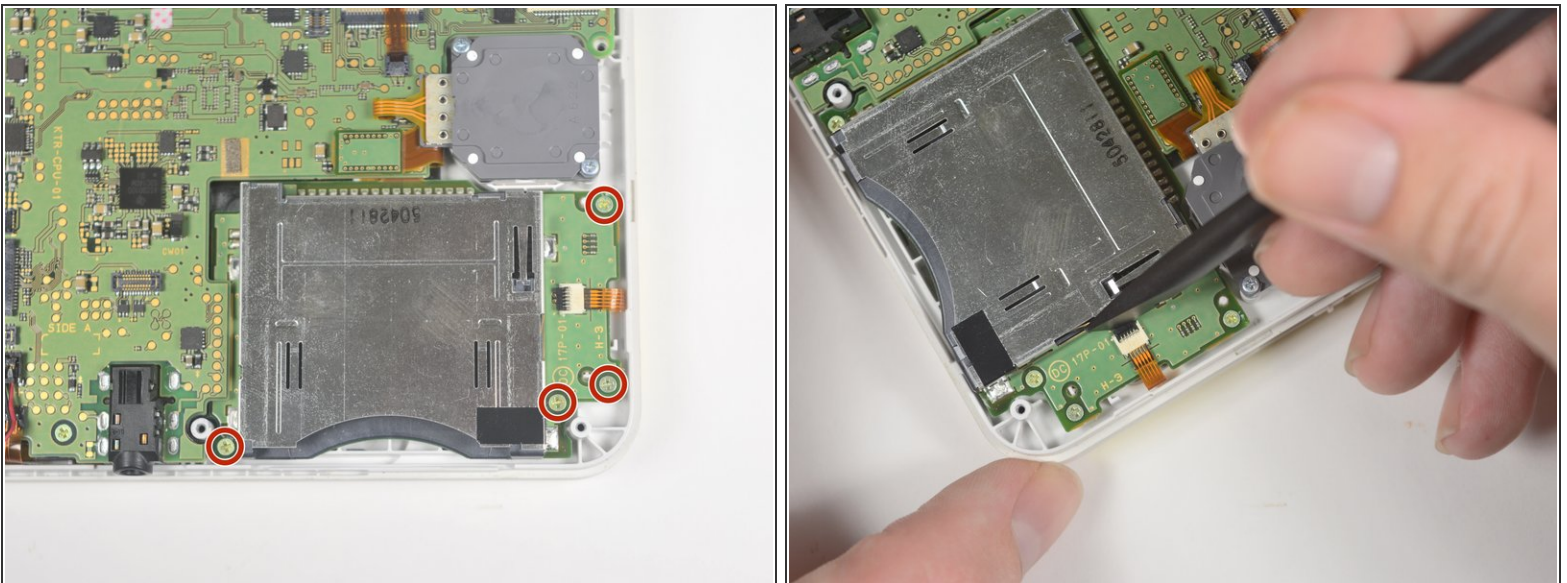
- Lift the top edge of the lower case slightly off on the 3DS.
- ⚠ Don't pull the lower casing completely off, you may break those connections. There are ribbon cables that must be disconnected first.
- Pry the ribbon cable socket under the right trigger using a plastic opening tool.
- Pry the ribbon cable socket under the infrared receiver cover using a plastic opening tool.

Step 9



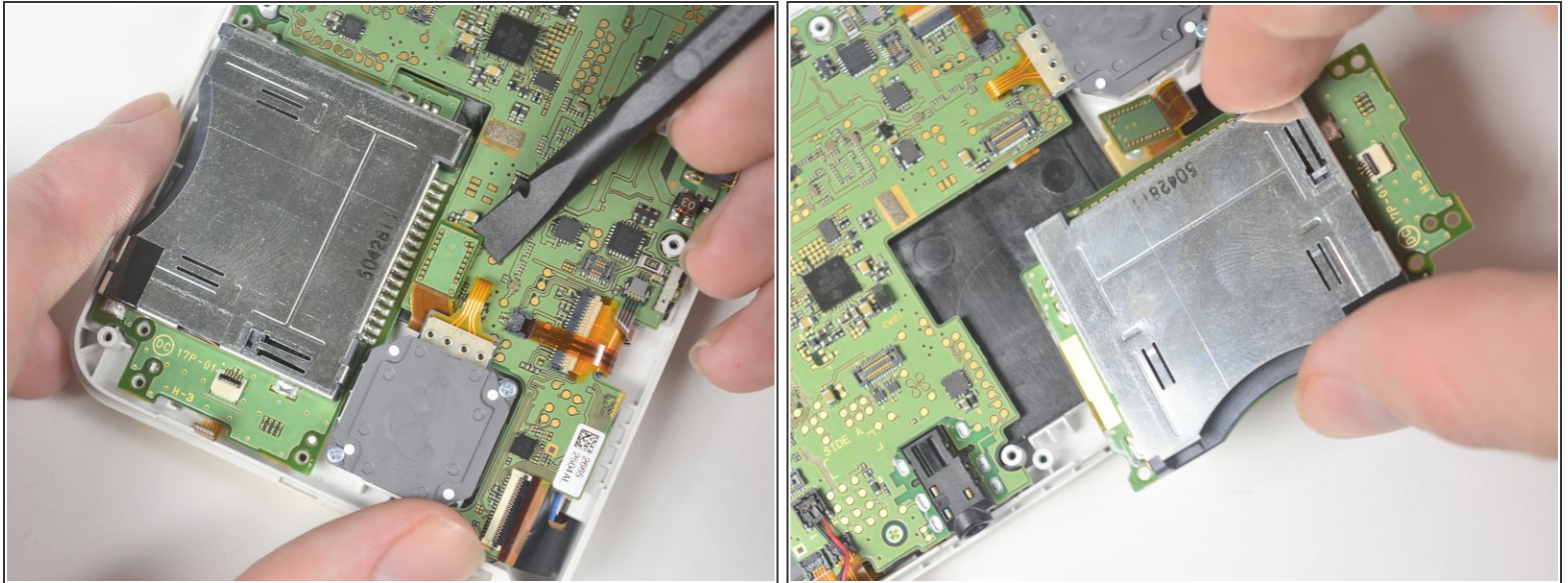
- Open the device slowly from its top edge. Be careful not to tug the ribbon cable connected near the bottom edge of the device.
- Pry the last ribbon cable attached to the lower case using a plastic opening tool.

Step 10 — Gamecard Reader



- Locate the gamecard reader near the bottom right corner of the motherboard.
- Unscrew the four 3mm Phillips #00 screws along the edge of the gamecard reader.
- Lift the black latch on the ZIF connector along the right side of the reader using a plastic opening tool.

Step 11



- Pry the ribbon cable from its socket, just left of the joystick, using the flat side of a spudger.
- Grab the right edge of the gamecard reader and lift it out of the device, watching to make sure the ribbon cables don't snag.

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