



Nintendo Game Boy Advance SP Brightness Switch Replacement

The brightness switch is the circular button...

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INTRODUCTION

The brightness switch is the circular button with a sun symbol engraved into it. The brightness switch is located at the top of the button panel.

TOOLS:

- Phillips #00 Screwdriver (1)
- iFixit Opening Tool (1)
- Tri-point Y00 Screwdriver (1)

PARTS:

- Nintendo Game Boy Advance SP
Brightness Button (1)

Step 1 — Battery



- Use a standard Phillips #00 screwdriver to loosen the 4 mm screw that keeps the battery cover attached to the device.

Step 2



- Lift the battery cover up and remove it from the device.

i The screw will remain attached to the battery cover because of Nintendo's design.

Step 3



- Use your fingers or a plastic opening tool to remove the battery from the device.

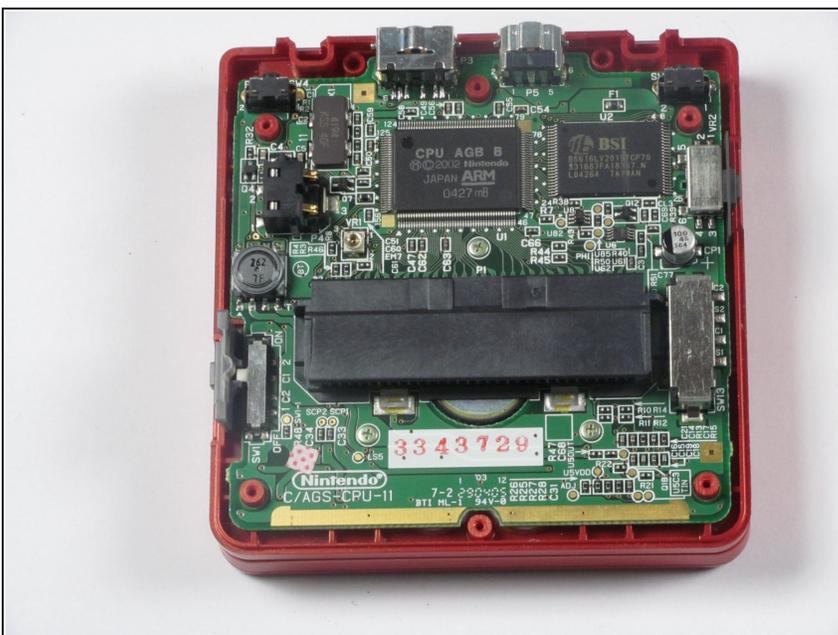
⚠ **Caution:** Please exercise caution when handling the battery. If it appears to be swelling or damaged at all it is considered a fire hazard.

Step 4 — Back Cover



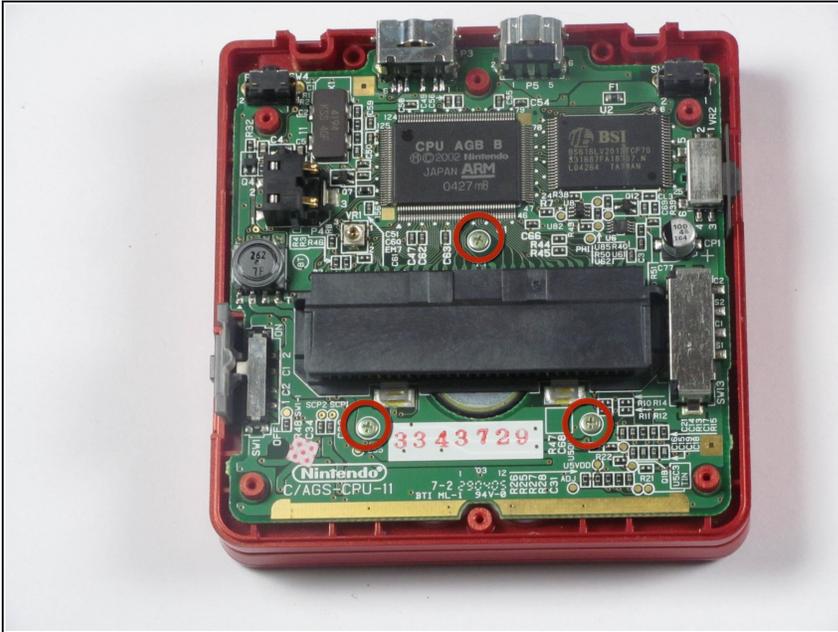
- Remove four 6.5 mm screws from the corners of the back cover using a tri-point Y00 screwdriver.
- Remove two 4.6mm screws from the top-center and bottom-center of the device using a tri-point Y00 screwdriver.

Step 5



- Lift the back cover off of the device.
- ⚠ Potential for device damage: These inner components are vulnerable to static electricity. Exercise caution when handling these next steps to prevent damaging the device.
- ☑ Look out for the power switch that can fall out when taking the back cover off.

Step 6 — Motherboard



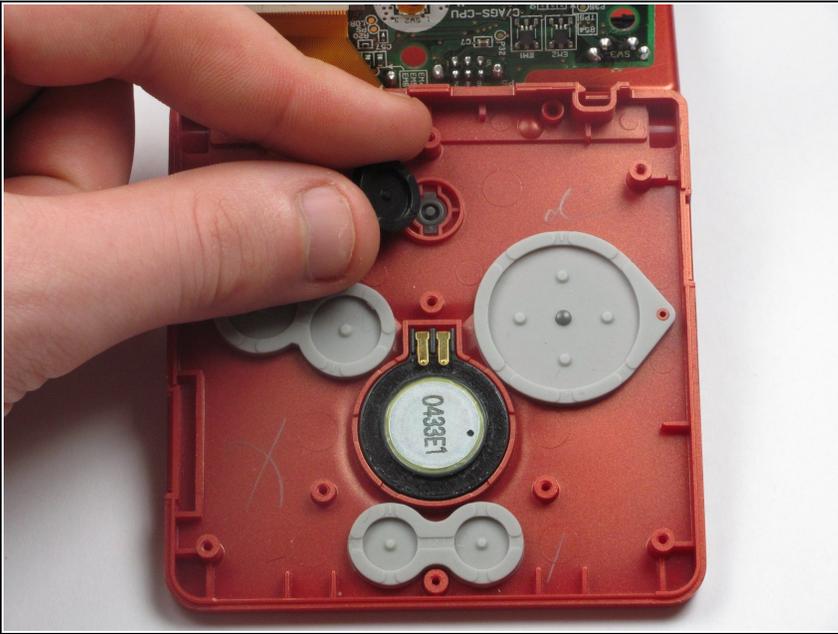
- Using a Phillips #00 screwdriver, remove the three Phillips #00 4 mm long screws that hold the motherboard to the button panel.

Step 7



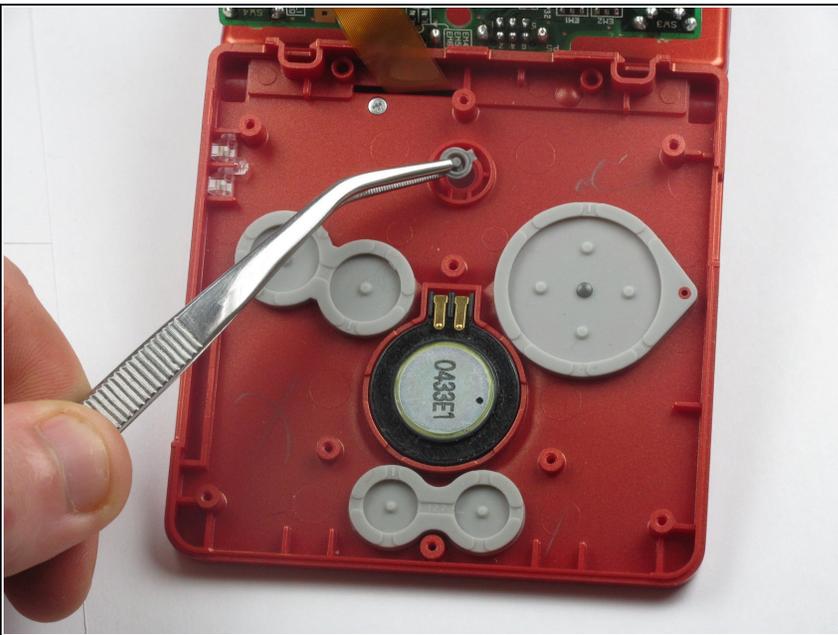
- ⚠ Be careful not to tear the ribbon cable that's connected to the screen. If you tear it, games will not appear on the device's screen!
- Flip the motherboard up and rest it on the other half of the device, so that the back of the buttons are visible as seen in the picture.

Step 8 — Brightness Switch



- With your fingers, lift the track pad out off the brightness switch.
- ⓘ Keep the track pad clean. A dirty or dusty track pad will lead to the brightness switch not working when you press it.

Step 9



- Using tweezers, lift the brightness switch out of the Game Boy Advance SP.

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