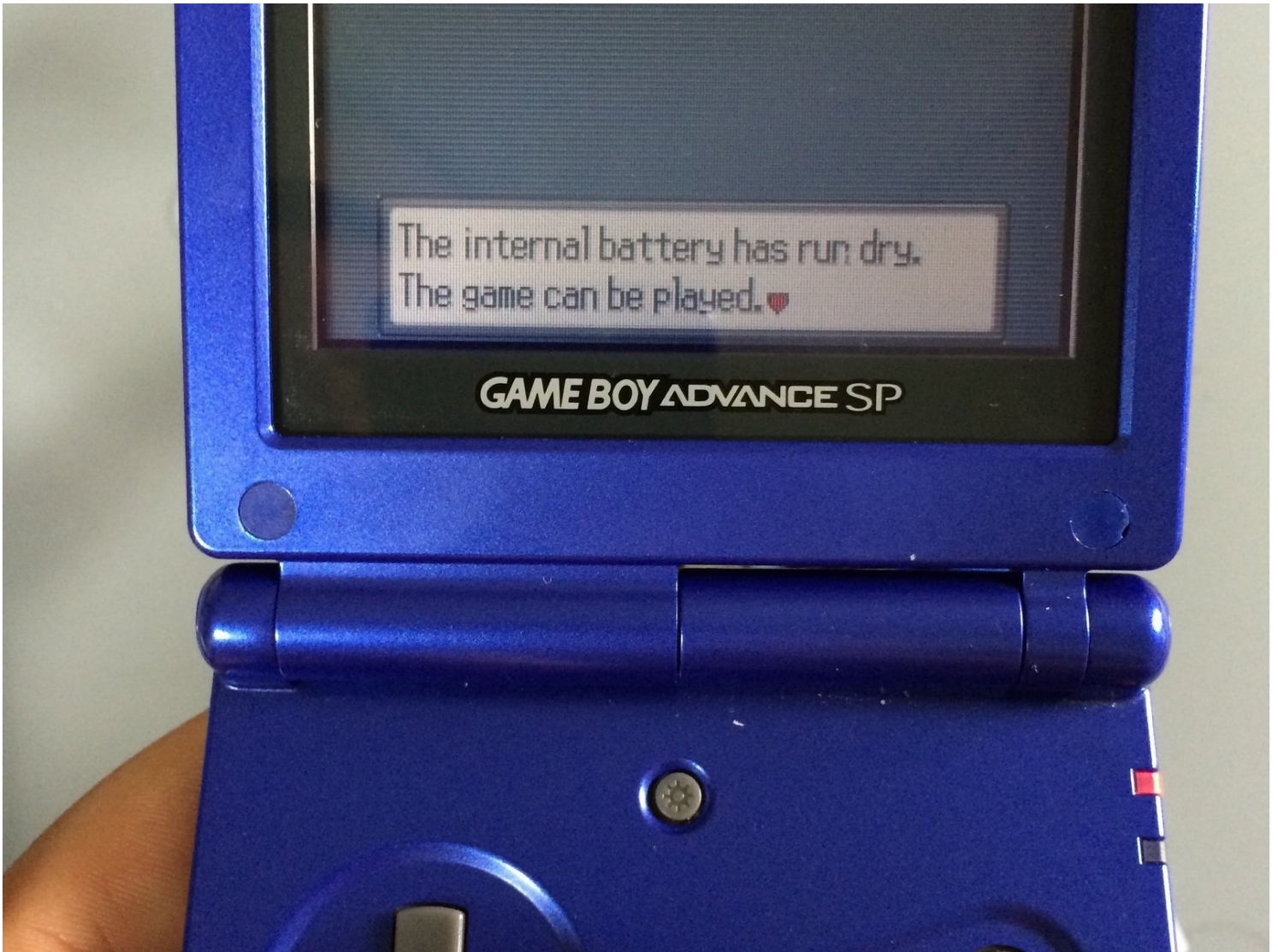




Game Boy Cartridge Battery Replacement

I will show you how to properly replace a...

Written By: Zane Hogue



INTRODUCTION

I will show you how to properly replace a battery in a gameboy cartridge game using a soldering iron

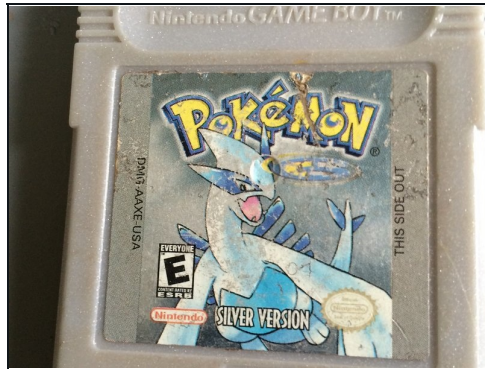
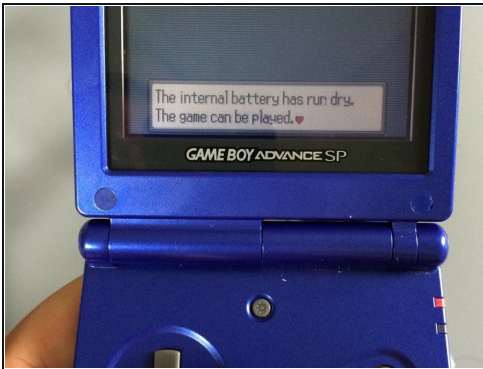
🔧 TOOLS:

Soldering Iron 60w Hakko 503F (1)

⚙️ PARTS:

Tabbed CR2025 (1)

Step 1 — Identification



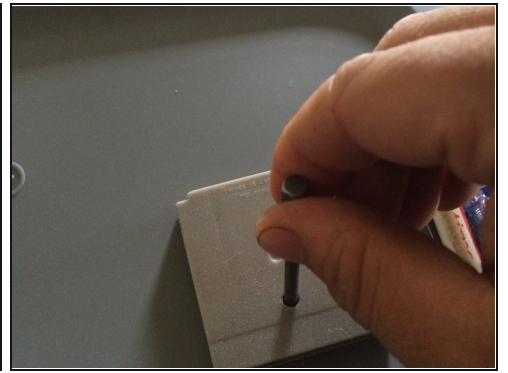
- The first step is to locate the problem. The Game Boy will give you a message such as this.
- The battery you will need for this cartridge (an original game Boy game) is a CR2025 3V battery.

Step 2



- Get your soldering iron heated, gather your tools, tweezers, and a Steel 3.8mm Screwdriver Security Bit

Step 3



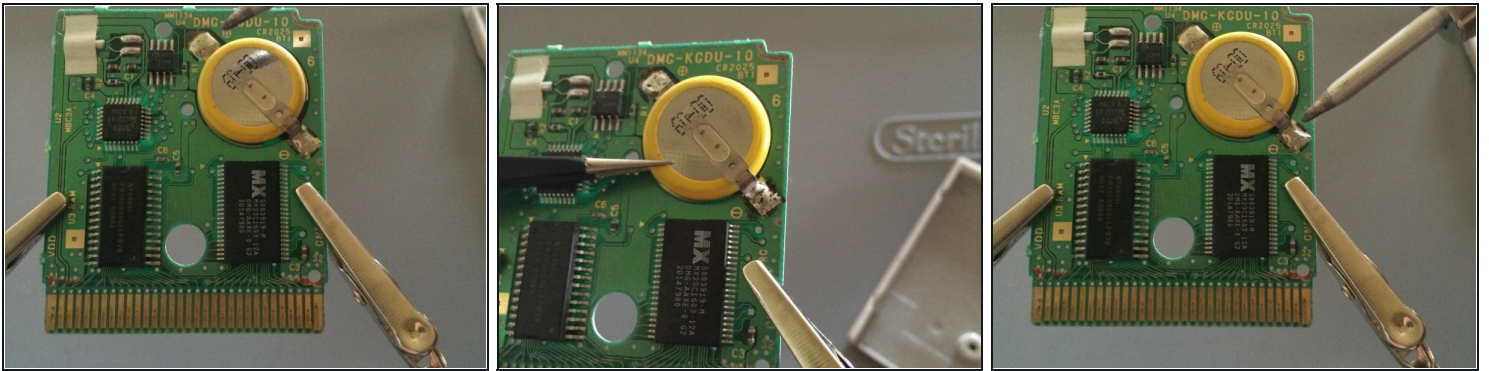
- On the back side of the cartridge is a priority security bit and you will have to remove it.

Step 4



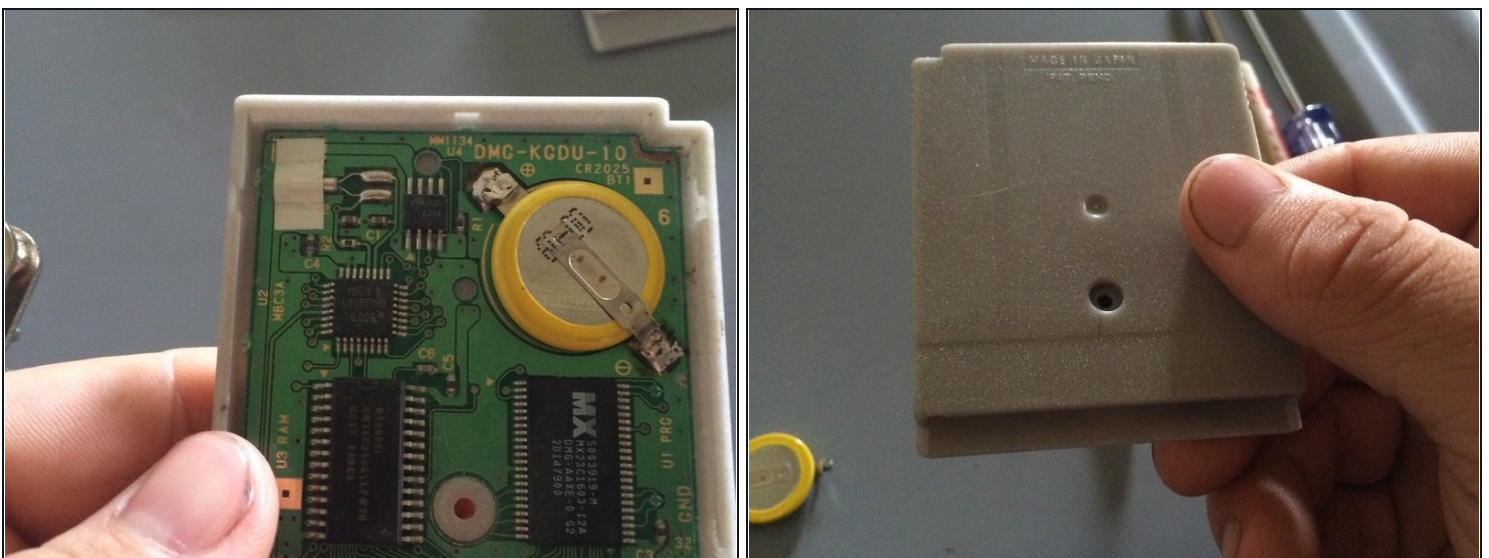
- Next you will need to slide the front face of the cartridge down to expose the motherboard
- Remove the board from the plastic housing and clamp it in a vice with alligator clips for stability

Step 5



- Use the soldering iron to gently heat the top tab while at the same time using the tweezers to pull the top tab away from the board
- Then do the same to the bottom tab until the battery is free, be sure not to heat the board too much and only where it is soldered
- Install the new battery in reverse order heating the solder first then setting the tabs on the hot solder, a little more solder may be needed to hold it in place, once it is cool check that the battery is secure

Step 6



- The final step is to set the board back into the plastic housing slide the cover shut and tighten the screw

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