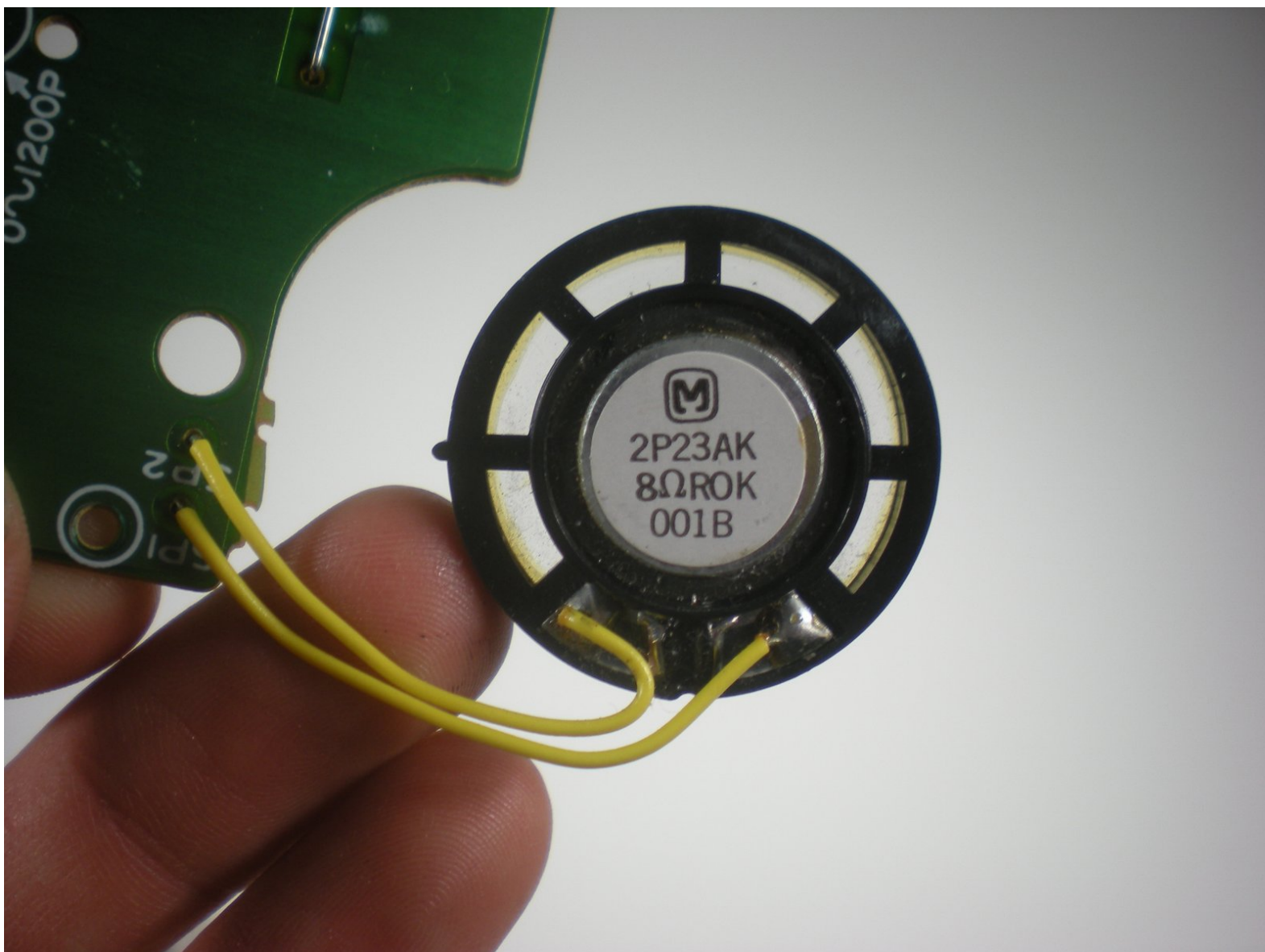




# Game Boy Speaker Replacement

This guide explains how to replace the speaker in a first-generation Nintendo Game Boy system.

Written By: Andrew Tramosch



## INTRODUCTION

This guide explains how to replace the speaker in a first-generation Nintendo Game Boy system.

[video: <https://www.youtube.com/watch?v=tkMiFMP5G7k>]



### TOOLS:

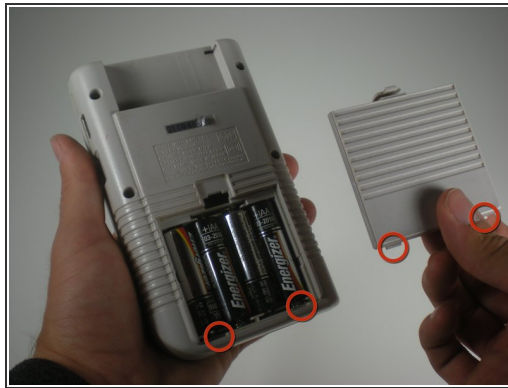
- [Phillips #00 Screwdriver](#) (1)
  - [Solder](#) (1)
  - [Soldering Iron](#) (1)
-

## Step 1 — Batteries



- Switch your Game Boy off and remove the cartridge.

## Step 2



- Use a fingernail (or small coin) to push down on the battery door latch and remove the battery door.
  - ⓘ The release latch is a plastic spring clip. If your Game Boy is getting on in years, be careful as the plastic may be brittle.
  - ☑ When you're replacing the cover, be sure to get its two plastic tabs into the slots in the bottom of the battery compartment before pushing the cover back in place.

### Step 3

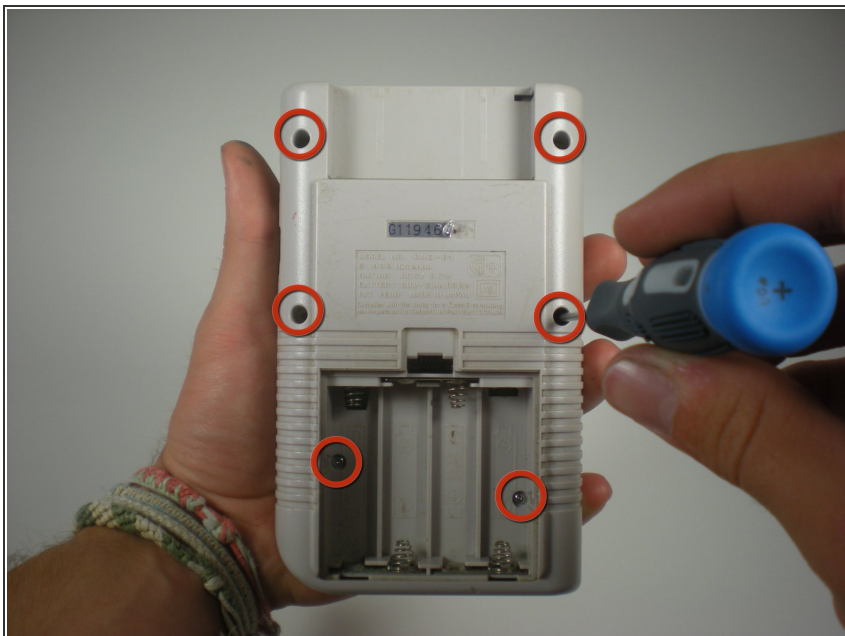


- Use a fingernail to pry each battery outward from the positive (+) terminal to remove them.

⚠ Dispose of used batteries properly!

ⓘ Remove the batteries from your Game Boy before storing it for more than a month or so.

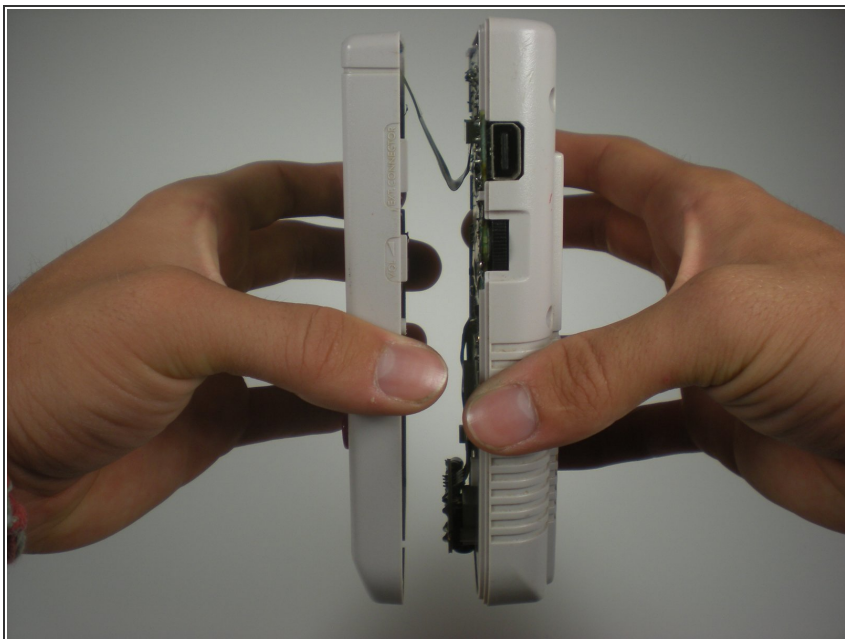
### Step 4 — Outer Case



- Remove the six Torx screws from the back of the device.



## Step 5



- Gently separate the device's front casing from the back casing after you remove the screws.
- ⚠ Be careful not to completely separate the casing halves, as they are still joined by a large ribbon cable that may be damaged.

## Step 6



- Slide the front side of the casing down to expose the ribbon cable connector.

## Step 7



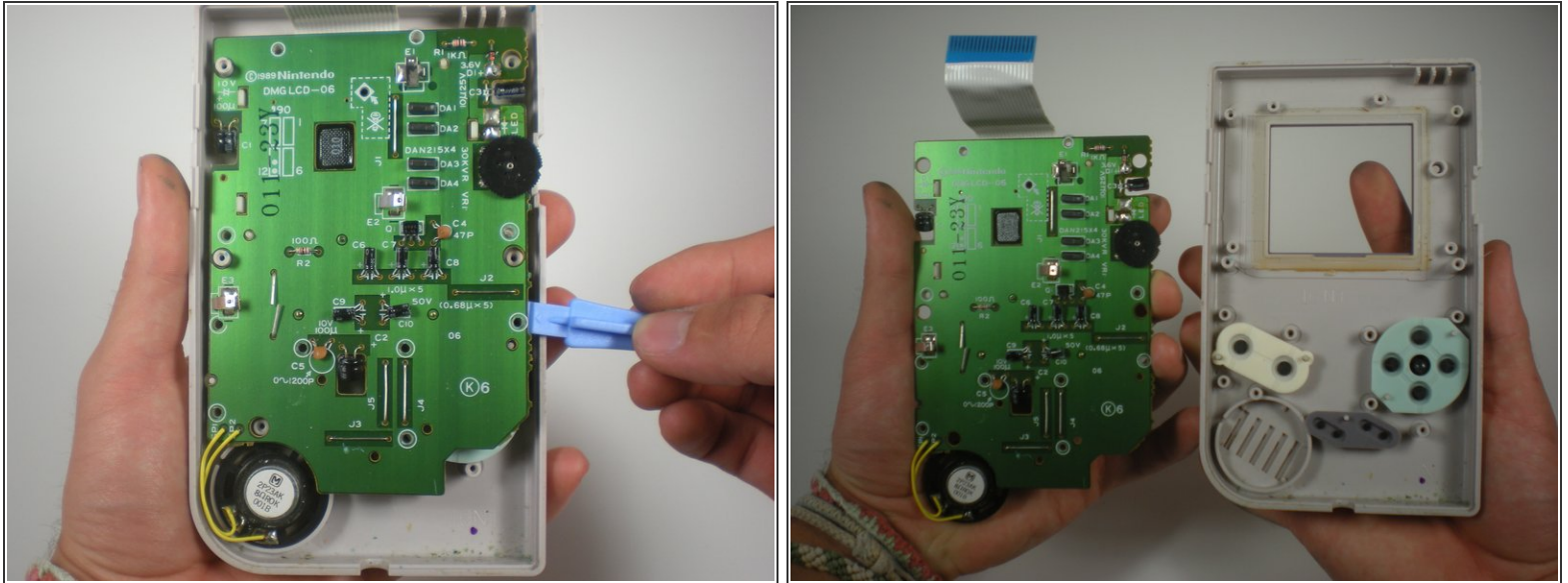
- Grip the ribbon connector with your thumb and forefinger. Pull down gently until the connector, not the ribbon itself, comes out of its socket.
- Separate the front and back casings.

## Step 8 — Speaker



- Remove the 10 Phillips #00 screws from the motherboard.

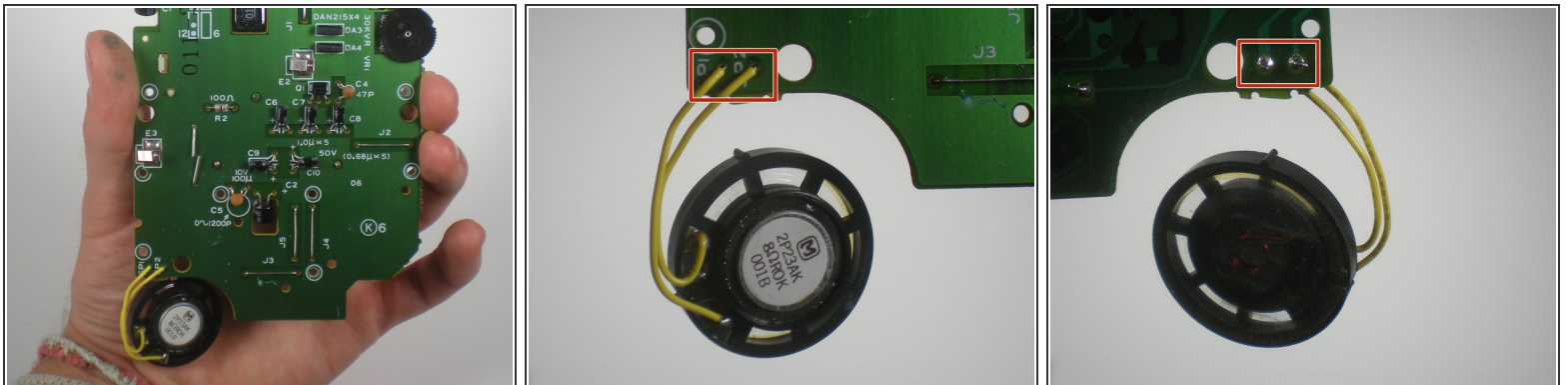
## Step 9



- Use a plastic opening tool to gently lift the motherboard up and remove it from the front plastic case.

⚠ Use caution when lifting the board since the speaker is attached.

## Step 10



- Desolder the two wires connecting the speaker to the motherboard.
  - Remove the speaker.
- i* If you're new to soldering, refer to [this guide](#) for tips that will help with desoldering the speaker wires and/or soldering the new ones in place.

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