



# Game Boy Screen Replacement

This guide will illustrate how to replace the black and white LCD screen in your original Game Boy.

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# INTRODUCTION

How to access and replace the black and white LCD screen in your original Game Boy. **This is an advanced repair.** You'll need to know how to solder to complete this repair, so be sure to check out iFixit's [soldering technique guide](#).

**Note:** If your Game Boy's display has the classic "vertical lines" problem, it's actually easier to fix the old screen than to replace it with a new one. [Follow this guide for help repairing the old screen.](#)



## TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Tri-point Y1 Screwdriver](#) (1)
- [iFixit Opening Tool](#) (1)
- [Tweezers](#) (1)
- [ChipQuik SMD Removal Kit](#) (1)
- [Soldering Workstation](#) (1)



## PARTS:

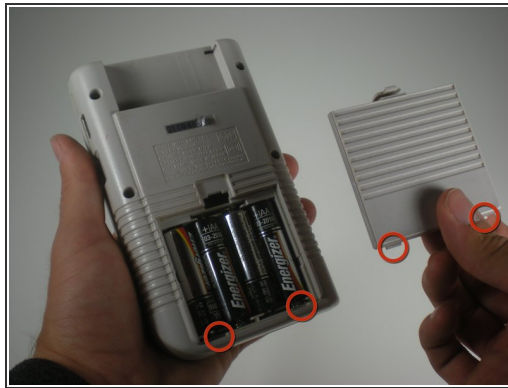
- [Game Boy Screen](#) (1)

## 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

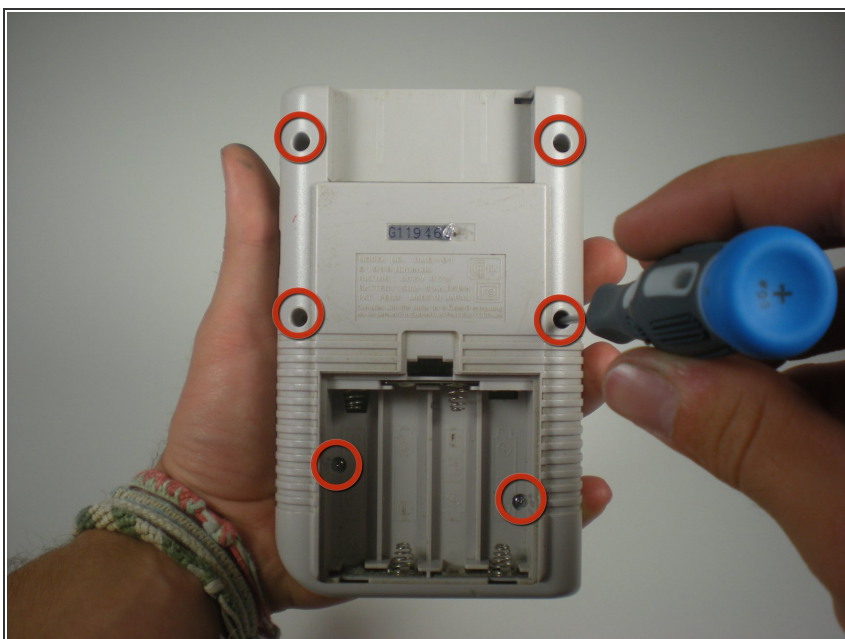


- Use a fingernail to pry each battery outward from the positive (+) terminal to remove them.

⚠ Dispose of used batteries properly!

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

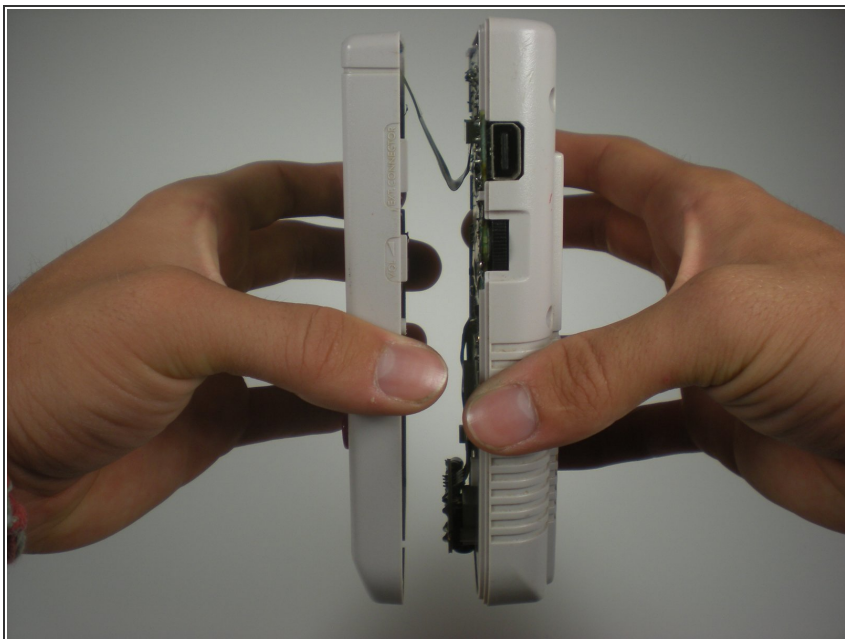
### Step 4 — Outer Case



- 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.

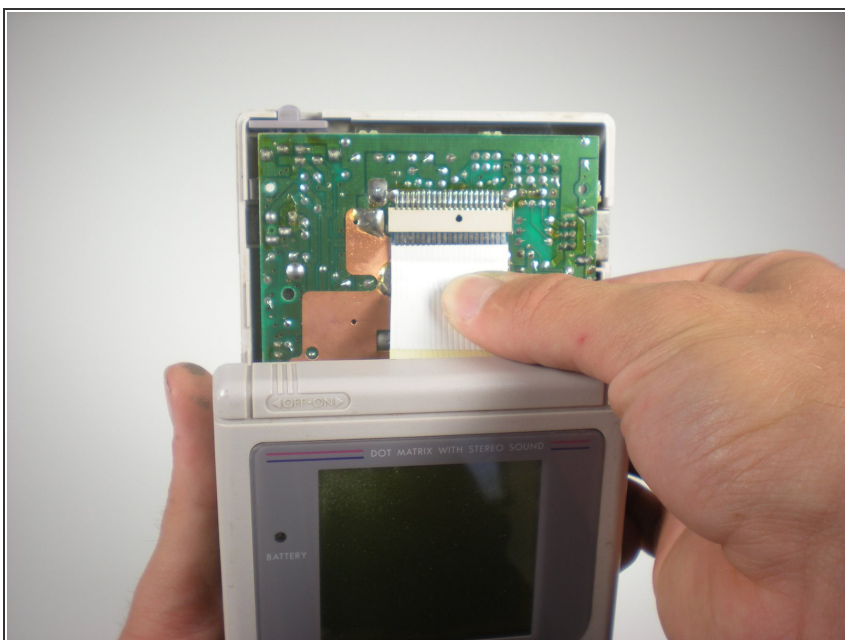
⚠ Be careful not to completely separate the casing halves, as they are still joined by a large ribbon cable that may be damaged.

## Step 6



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

## Step 7



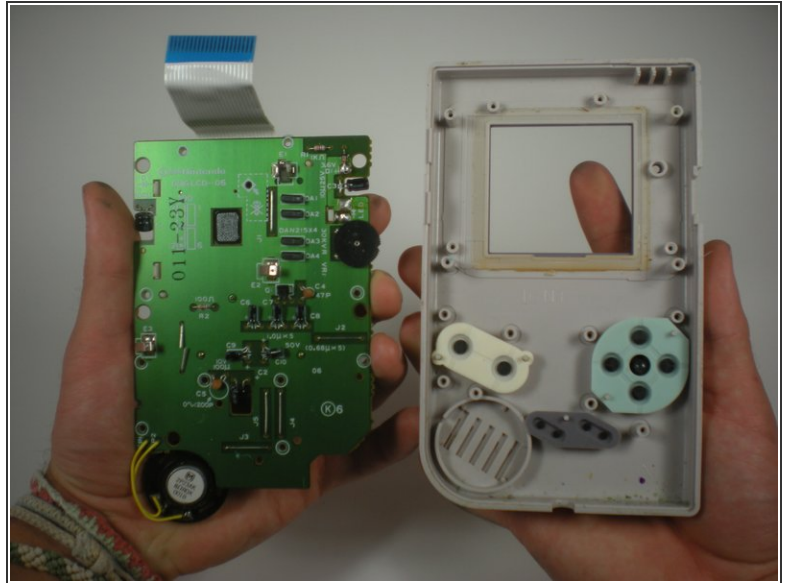
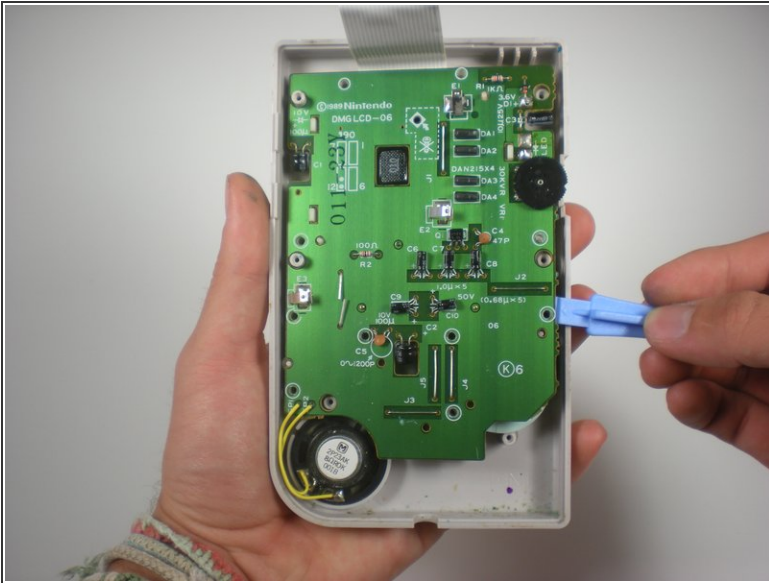
- Grip the ribbon connector with your thumb and forefinger. Pull down gently until the connector, not the ribbon itself, comes out of its socket.
- Separate the front and back casings.

## Step 8 — Screen



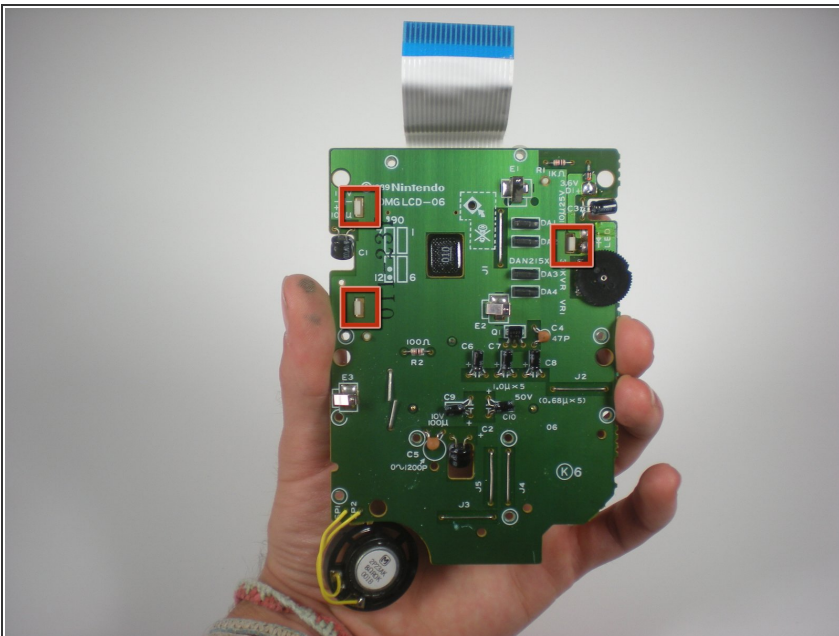
- Remove the ten screws that connect the circuit board to the outer case.

## Step 9



- Remove the circuit board from the outer case using a plastic opening tool.
- ⓘ Take care to gently pry around the entire outside edge of the circuit board until you can easily remove the board without force.

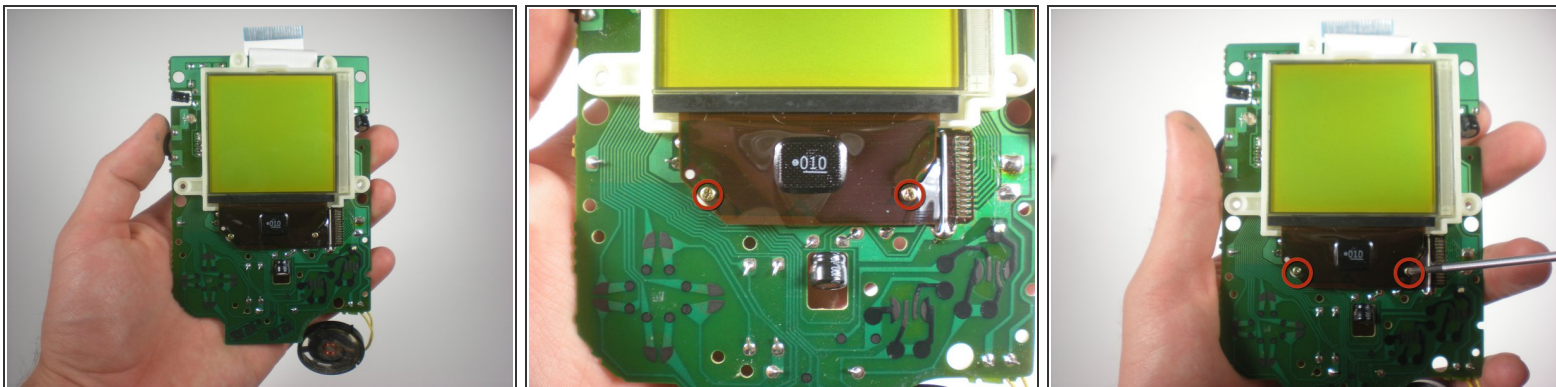
## Step 10



- Disengage the the three plastic clips that secure the screen to the circuit board.

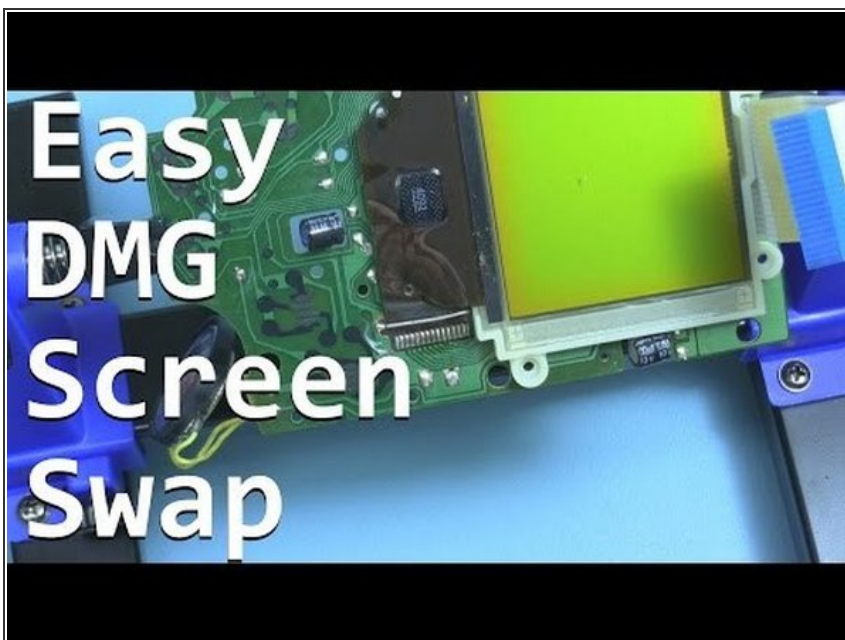


## Step 11



- Flip the circuit board over revealing the device screen.
- Remove the two screws connecting the screen and the circuit board.

## Step 12



- Follow the video instructions to desolder the display connectors and replace your screen.

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