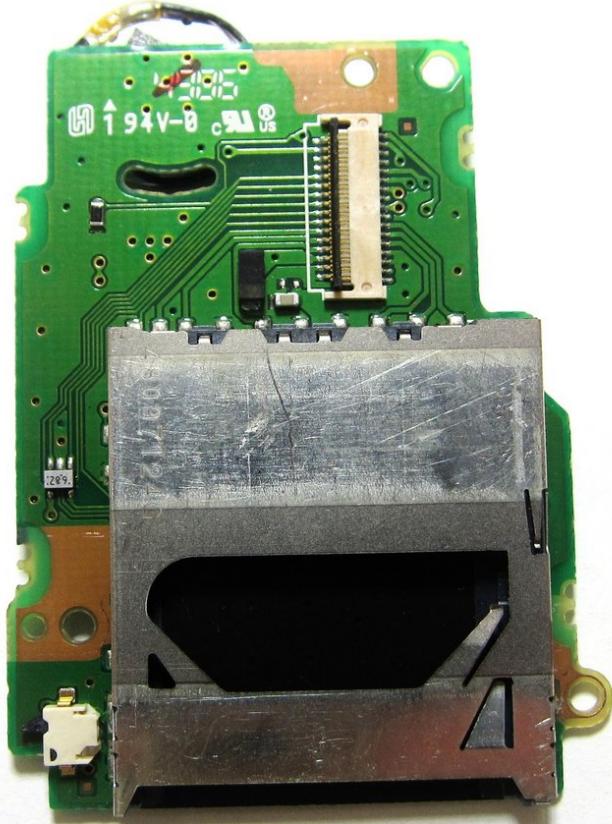




Canon PowerShot A550 SD Card Reader

How to replace the SD card reader if it is broken.

Written By: Shaelyn Thomas



INTRODUCTION

This guide will give a step by step procedure of how to access and replace the SD card reader in the Canon PowerShot A550

TOOLS:

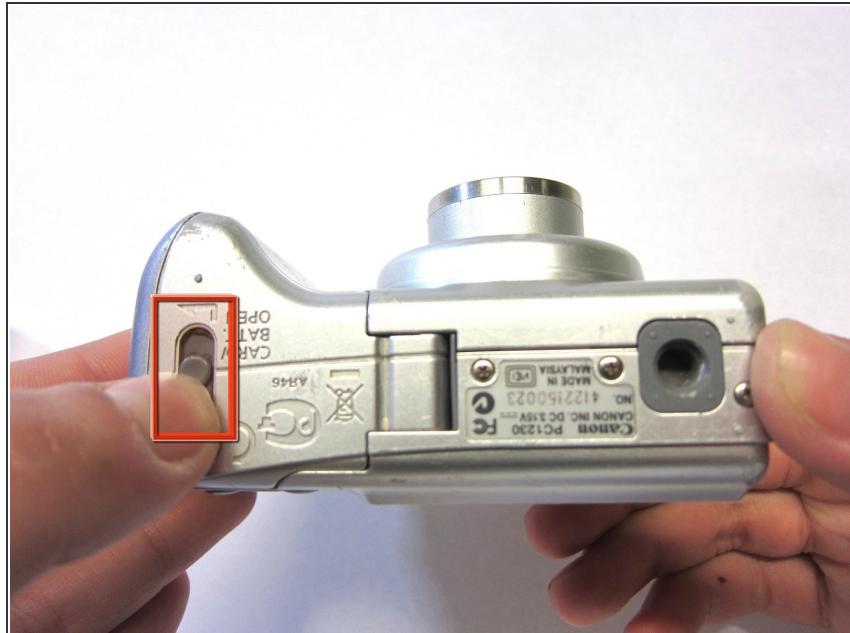
- [Phillips #00 Screwdriver](#) (1)
- [Tweezers](#) (1)
- [iFixit Opening Tools](#) (1)

Step 1 — Front and Back Covers



- Unscrew a total of 6 4.45 mm phillips head screws using a #00 phillips head screwdriver.
- There are 2 screws on the left side (when looking at the front of the camera).
- There are 3 screws on the bottom
- There is 1 screw on the right side

Step 2



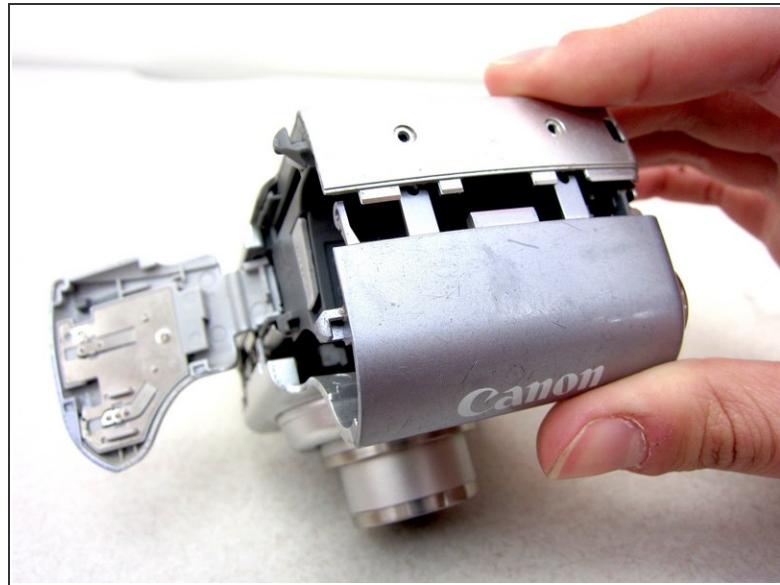
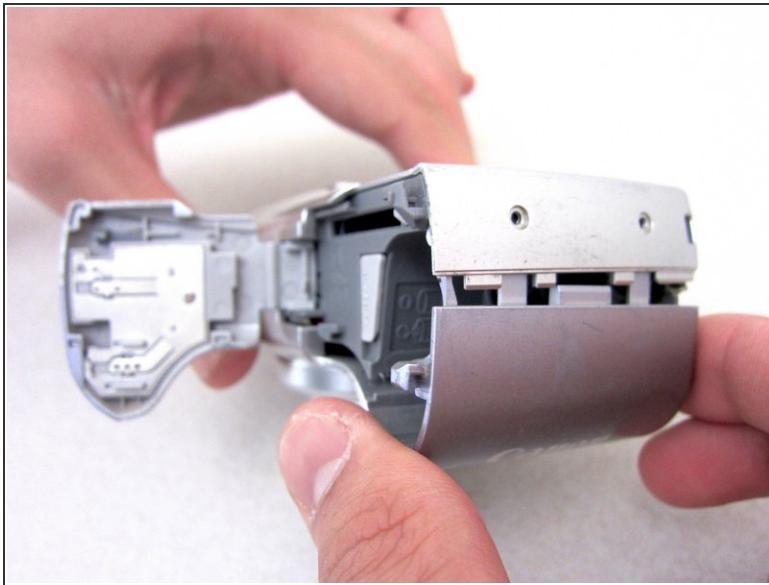
- Turn to the bottom of the camera.
- Open the memory card cover by sliding the "CARD/BATT." button up, and then pulling the cover to the left.

Step 3



- This is what the SD card/battery compartment looks like when opened.
- Remove one 4.45mm phillips head screw from the SD card/battery compartment using a #00 phillips head screwdriver.

Step 4



- Gently remove the front cover away from the camera body.

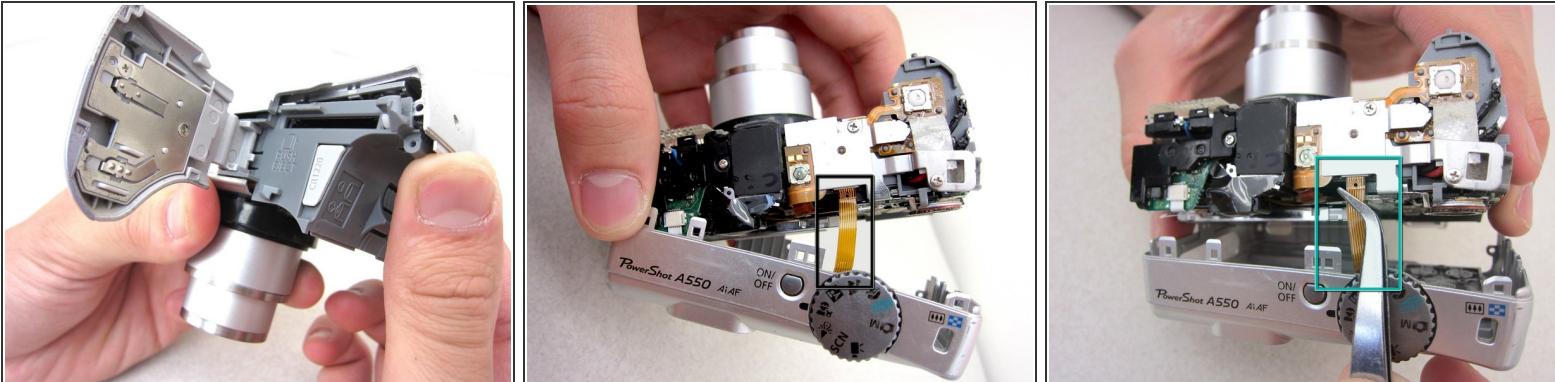
★ Tip: Start by loosening the teeth on the left side of the camera next to the battery compartment.

Step 5



- The camera should look like this once the front cover is removed.

Step 6

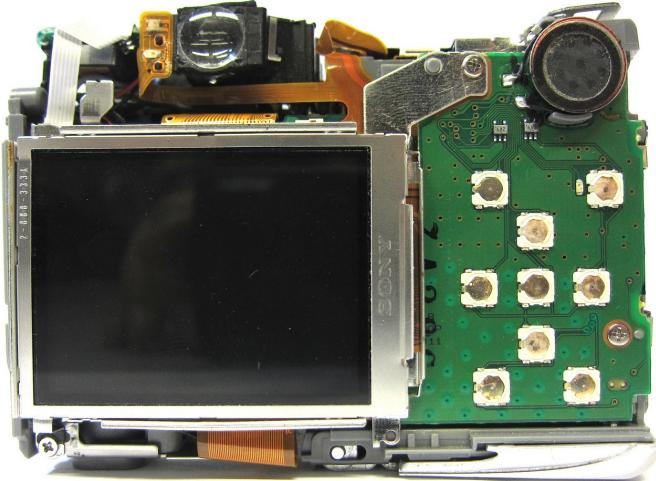


- Start from the battery compartment and remove the back cover.

⚠ Caution: Do not tug on the back cover after it is removed. This could tear the ribbon attaching the back cover to the camera body.

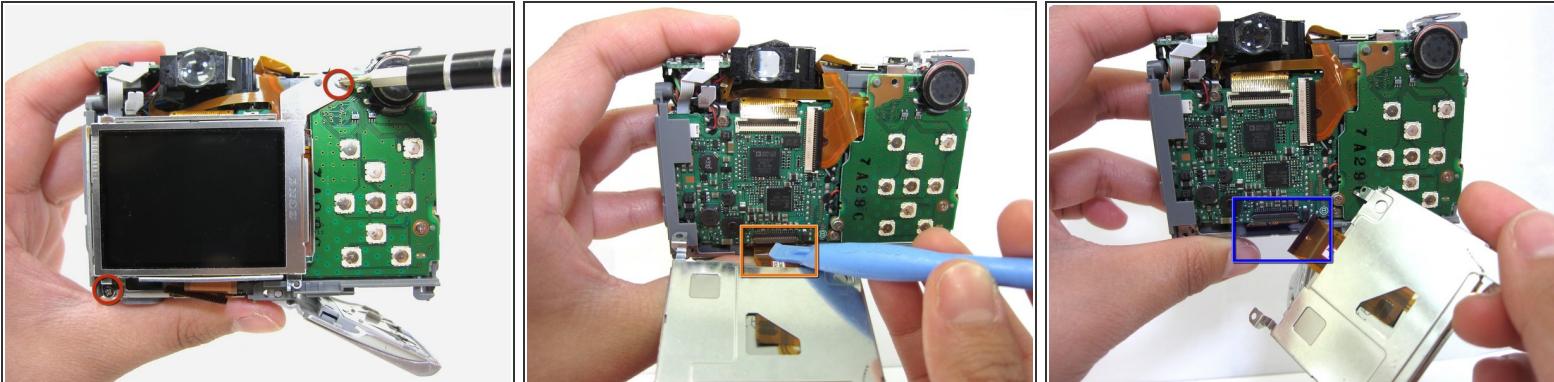
- Remove the connecting ribbon from the body of the camera using a pair of tweezers.

Step 7



- Once the ribbon connecting the back cover is removed, the back of the camera body should look like this.

Step 8 — SD Card Reader

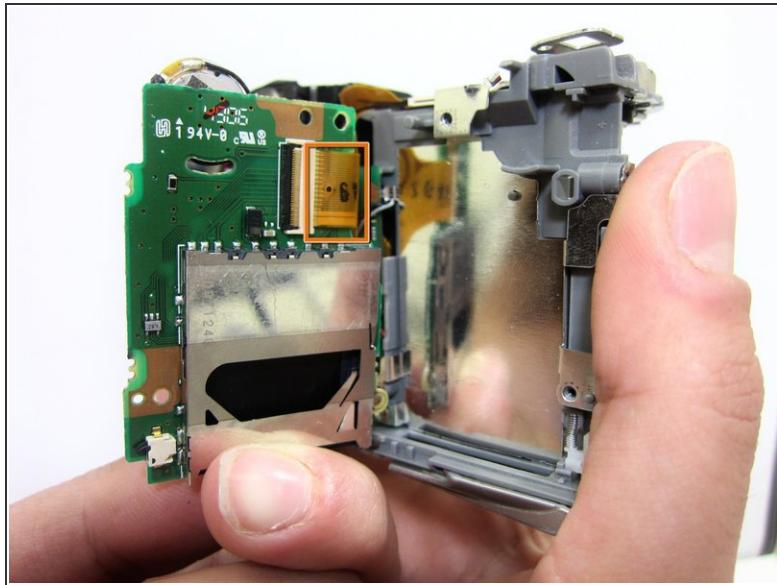
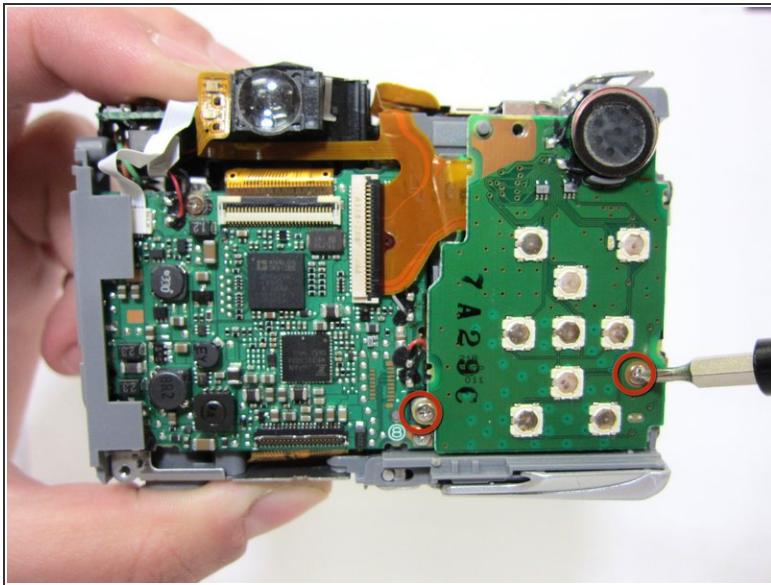


- Remove two 4.35mm phillips head screws from around the LCD screen using a #00 phillips head screwdriver.

⚠ Caution: Do not tug on the LCD screen. This will tear the ribbon connecting the LCD screen to the body of the camera.

- Loosen the black ribbon clamp using an iPod opening tool
- Release the LCD screen by removing the ribbon from the body of the camera.

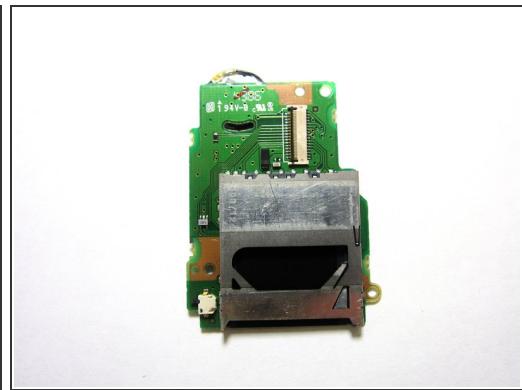
Step 9



- Unscrew 2 3.35mm phillips head screws from the face of the green circuit board using a #00 phillips head screwdriver.

⚠ Caution: Do not tug on the circuit board. This will tear the ribbon connecting the circuit board to the body of the camera.

Step 10



- Release the black ribbon clamp using an iPod opening tool to lift it.
- Remove the ribbon connecting the circuit board from the body of the camera using tweezers.
- The SD card reader is attached to the back of the circuit board. The circuit board and SD card combination should be replaced.

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