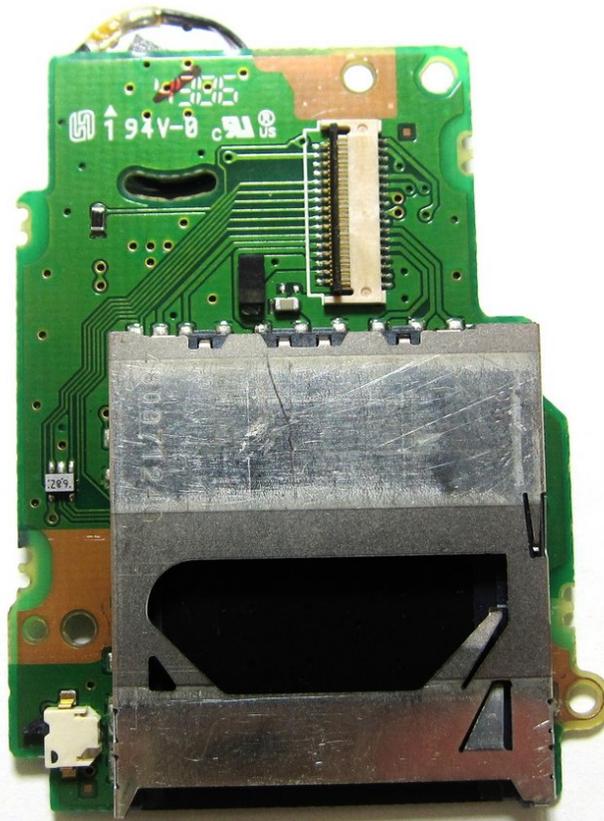




# Canon PowerShot A550 SD Card Reader

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

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## 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

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### TOOLS:

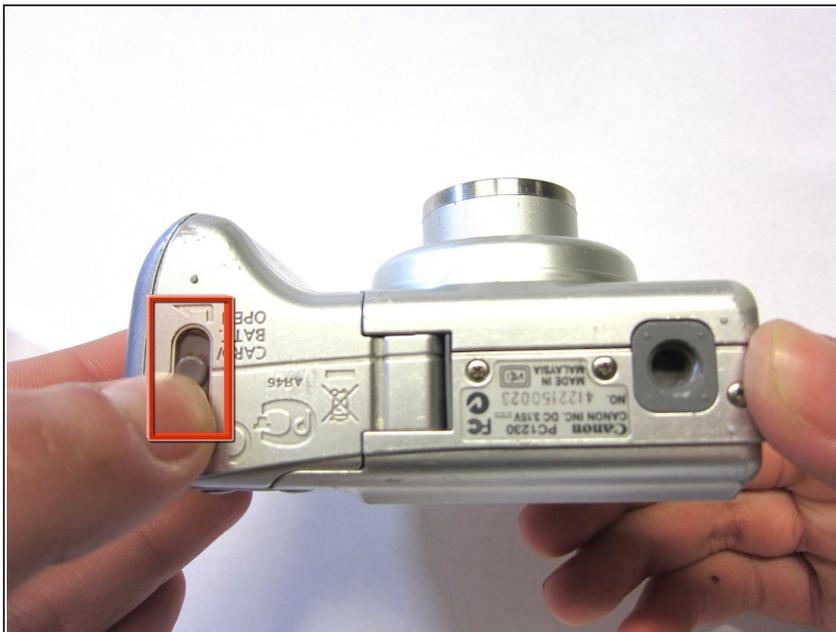
- [Phillips #00 Screwdriver](#) (1)
  - [Tweezers](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Front and Back Covers



- 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



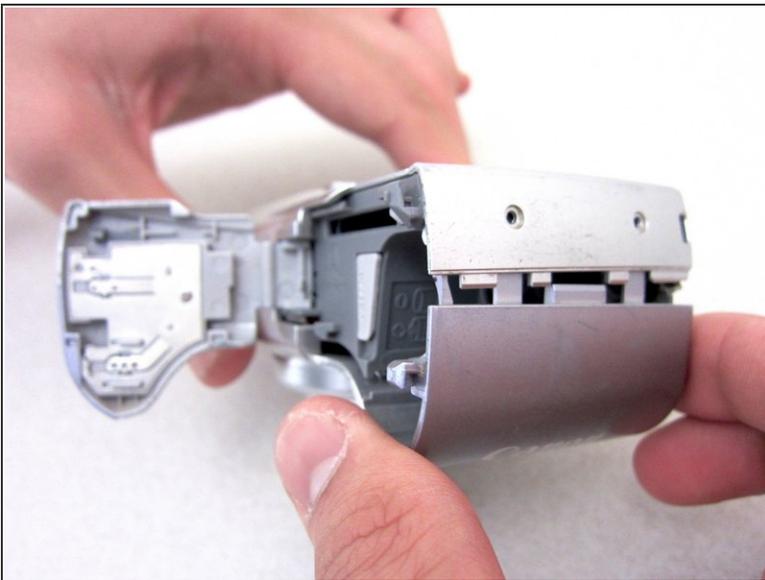
- Turn to the bottom of the camera.
- Open the memory card cover by sliding the "CARD/BATT." button up, and then pulling the cover to the left.

### 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



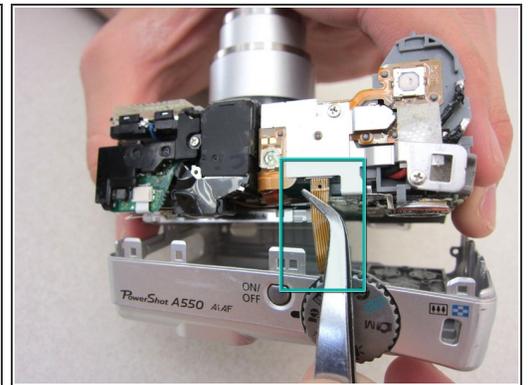
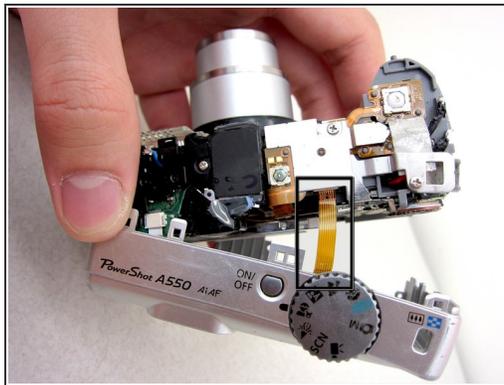
- Gently remove the front cover away from the camera body.
- Tip: Start by loosening the teeth on the left side of the camera next to the battery compartment.

## Step 5



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

## Step 6

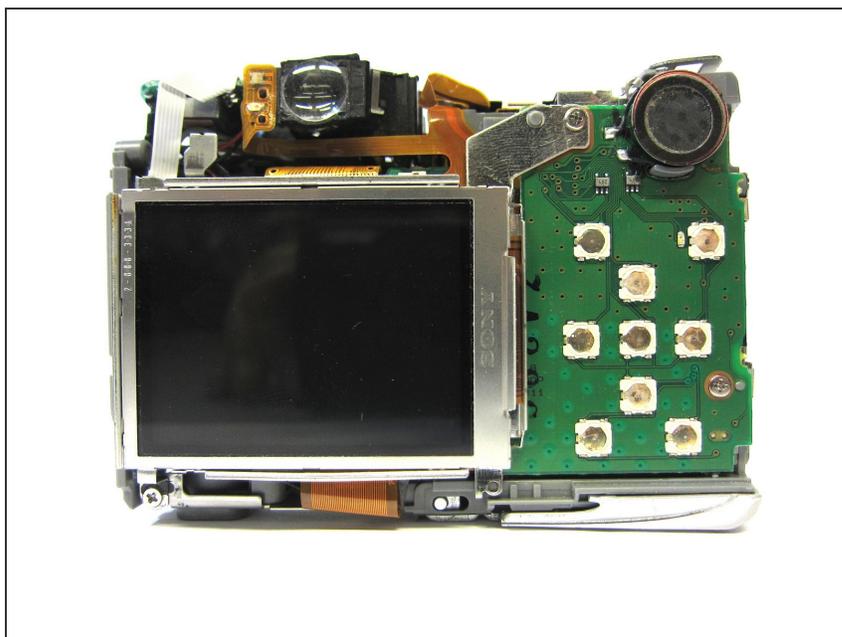


- Start from the battery compartment and remove the back cover.

**⚠ 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.

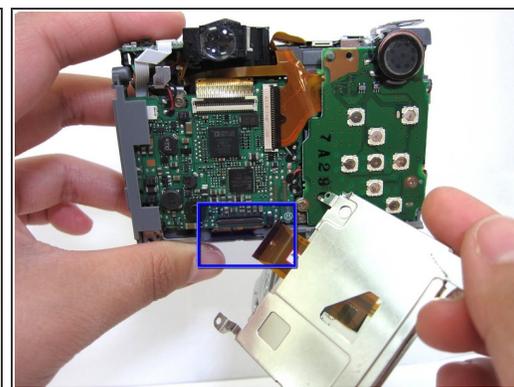
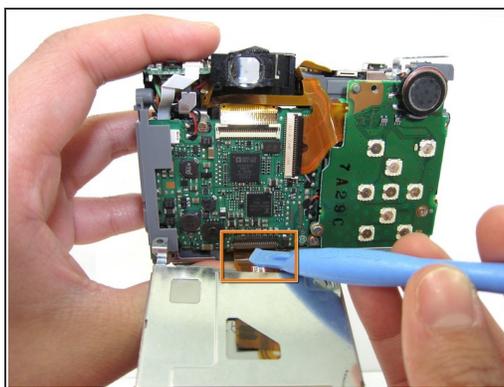
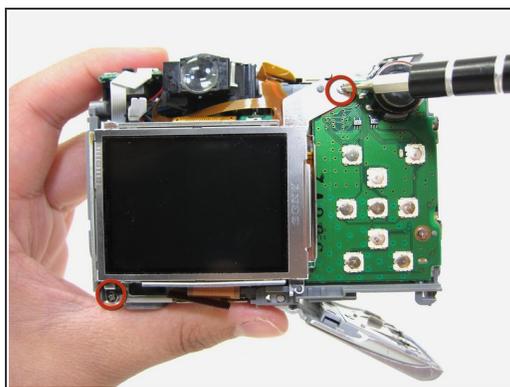
- Remove the connecting ribbon from the body of the camera using a pair of tweezers.

## Step 7



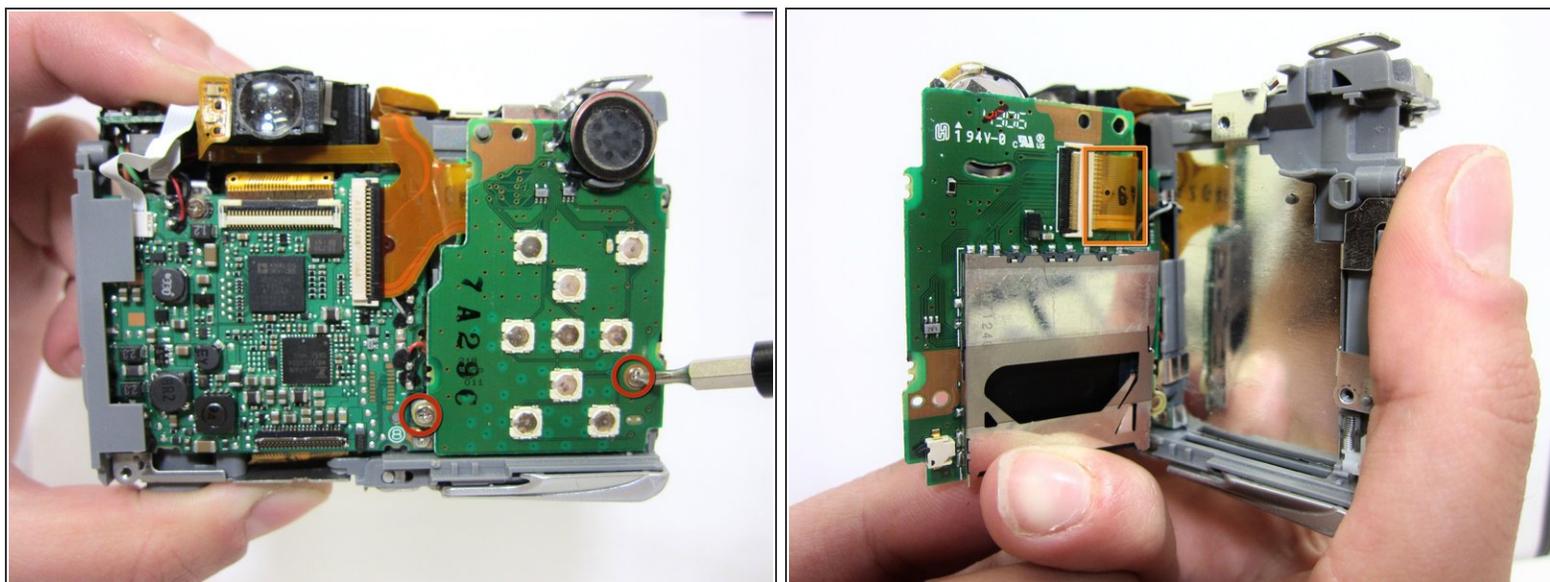
- Once the ribbon connecting the back cover is removed, the back of the camera body should look like this.

## 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.

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