Canon PowerShot G1 X Motherboard Replacement

This guide will show you how to replace the motherboard in the Canon PowerShot G1X.

Written By: Justin Beam

INTRODUCTION

Before starting this guide it is important to know that the screwdriver used on each screw is a Phillips #00 screwdriver. It is imperative to keep track of every screw, and to know where each screw was located.

🔧 TOOLS:

- Phillips #000 Screwdriver (1)
- Spudger (1)

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Step 1 — Back Camera Casing

- To begin removing the back camera casing, unscrew the Phillips screw underneath the panel covering the USB connections on the side of the camera. Use a Phillips Head 00 screwdriver for this screw.

- Remove the screw located directly beneath the USB cover located in the second photo. Use a Phillips Head 00 screwdriver for this screw.

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Step 2

- After removing the first screw flip to the bottom side of the camera and unscrew the two screws located toward the back side of the casing. The screw on the front side can be left in. Use a Phillips Head 00 screwdriver for both of these screws.

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Step 3

Now flip to the opposite side of the USB panel screw and unscrew the two screws holding the small speaker cover portion of the camera. Use a Phillips Head 00 screwdriver for both of these screws.

Step 4

- The last screw is located towards the top side of the back of the camera next to the view finder. Unscrew by using a Phillips Head 00 screwdriver.
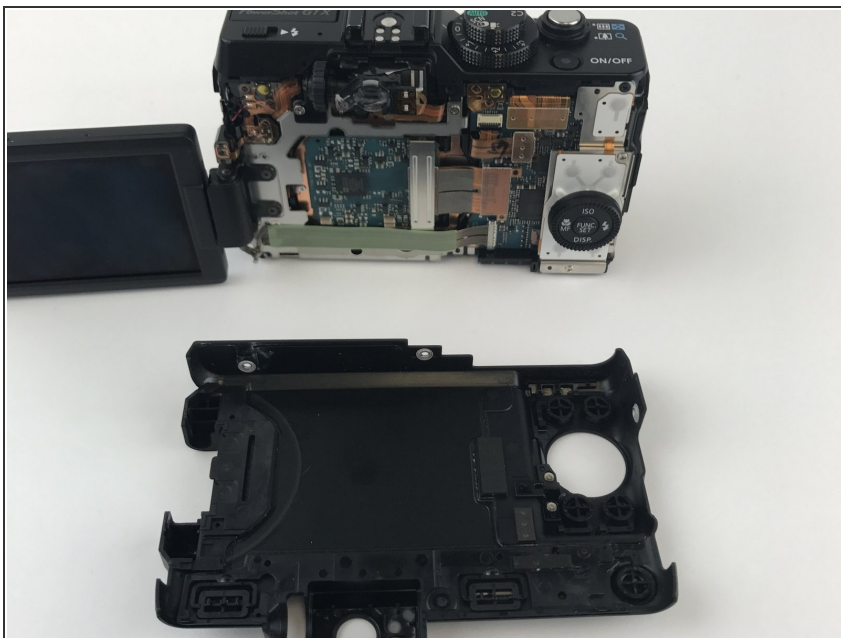
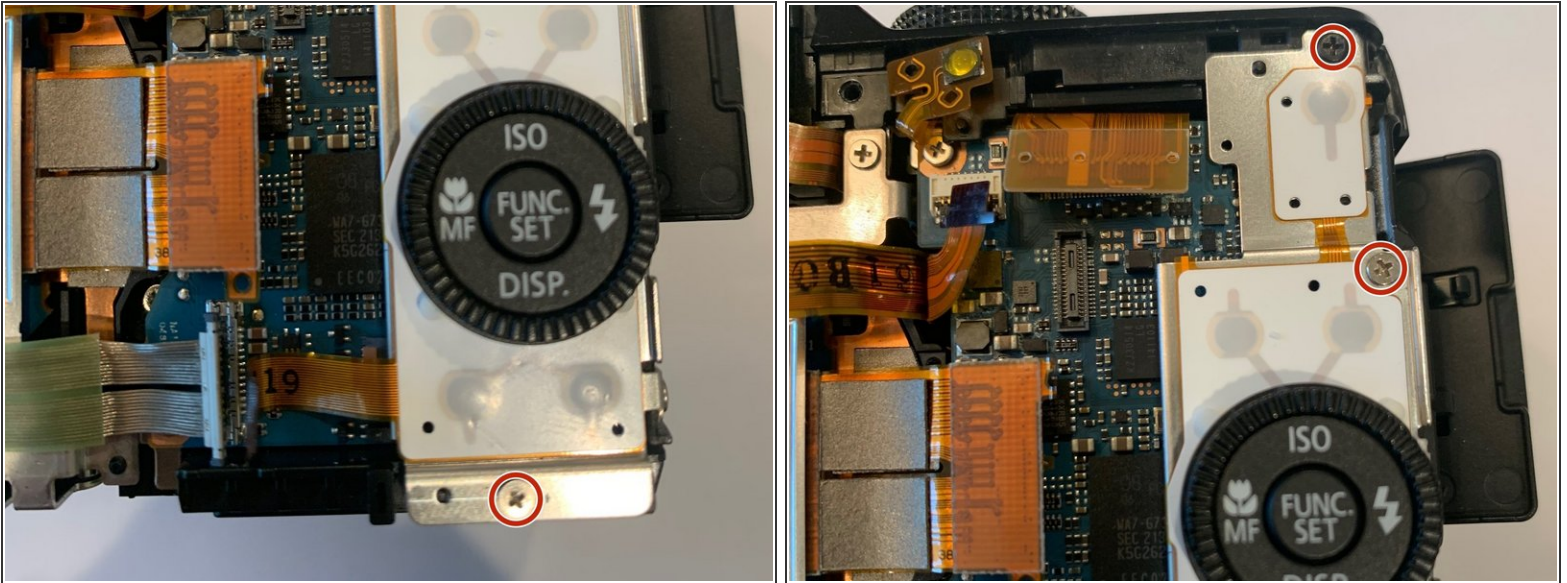This document was generated on 2020-11-28 07:59:11 AM (MST).

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Step 5

- Remove the side panel covering the speaker by gently pulling it away from the camera. You can also use spudgers to create a lever to help remove the panel.

Step 6

- Remove the back casing by gently pulling. You could also use spudger to create a lever to help pry it off.

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Step 7 — Buttons

- Remove the two screws above the buttons followed by the screw on the bottom, using a Phillips #00 screwdriver.
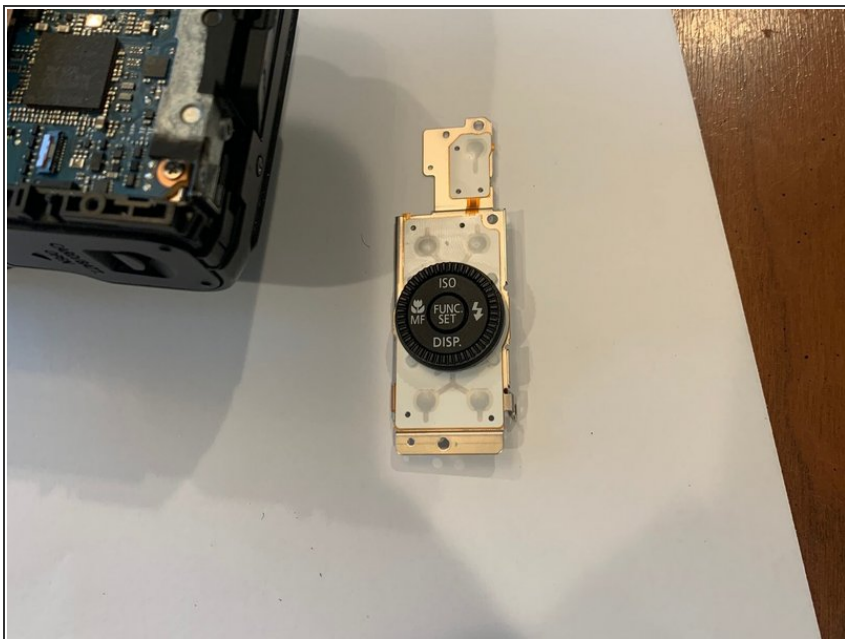
Step 8

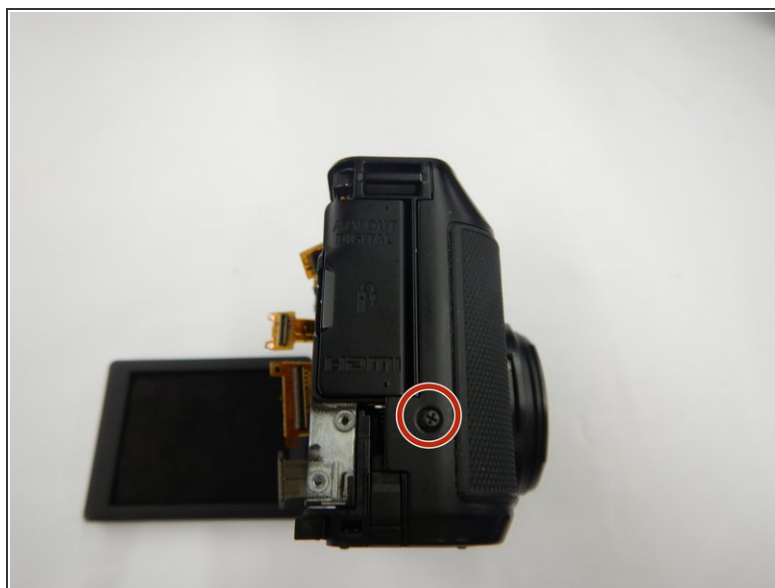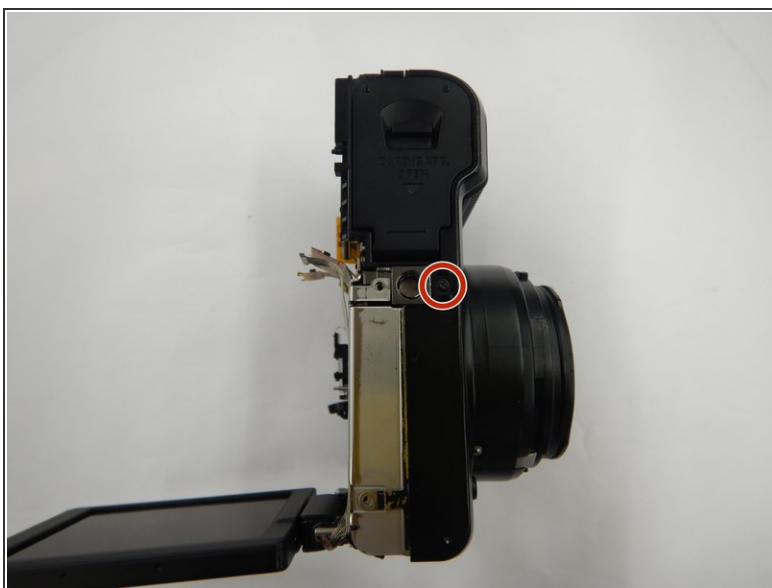- Remove the screw on the side of the buttons using a Phillips #00 screwdriver.

Step 9

- Gently remove buttons by hand, once all of the screws holding the buttons in are removed.

Step 10 — Motherboard

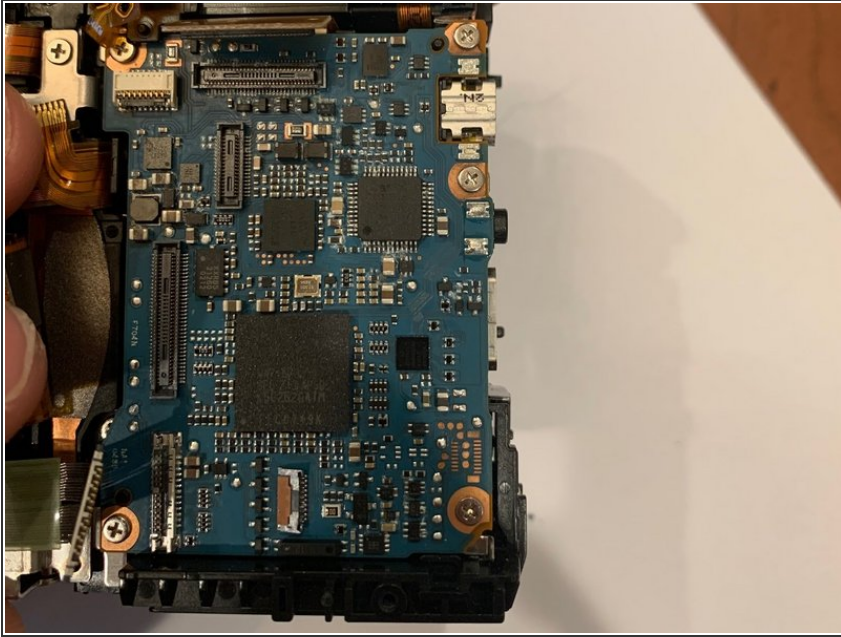- Remove the two screws on the front casing using a Phillips #00 screwdriver.

Step 11

- Remove the Canon Zoom Lens by pressing this button down while pulling the lens up.
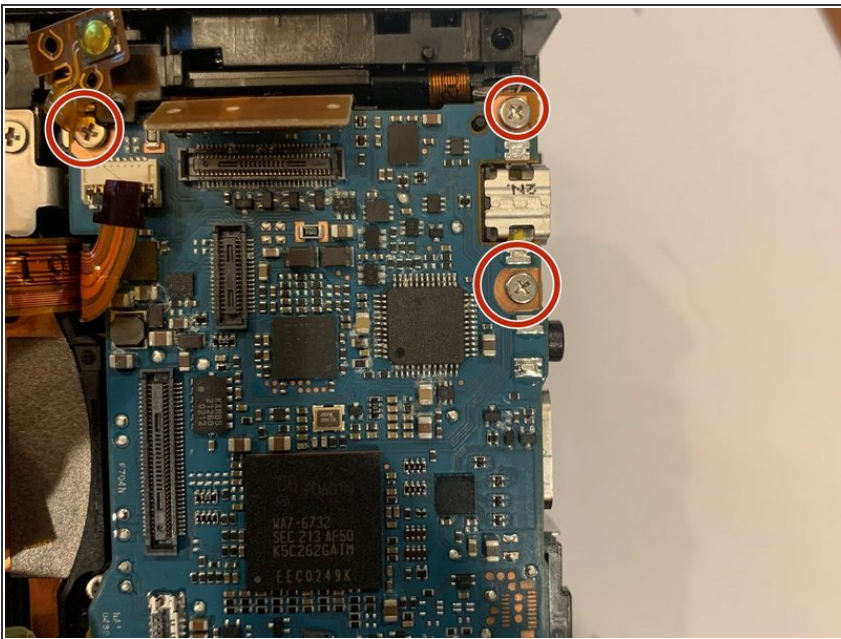
Step 12

- Gently remove the front casing with your hands or a spudger.

Step 13

- Remove the ribbon wire that is on top of the motherboard by gently pulling it out of its attachment.
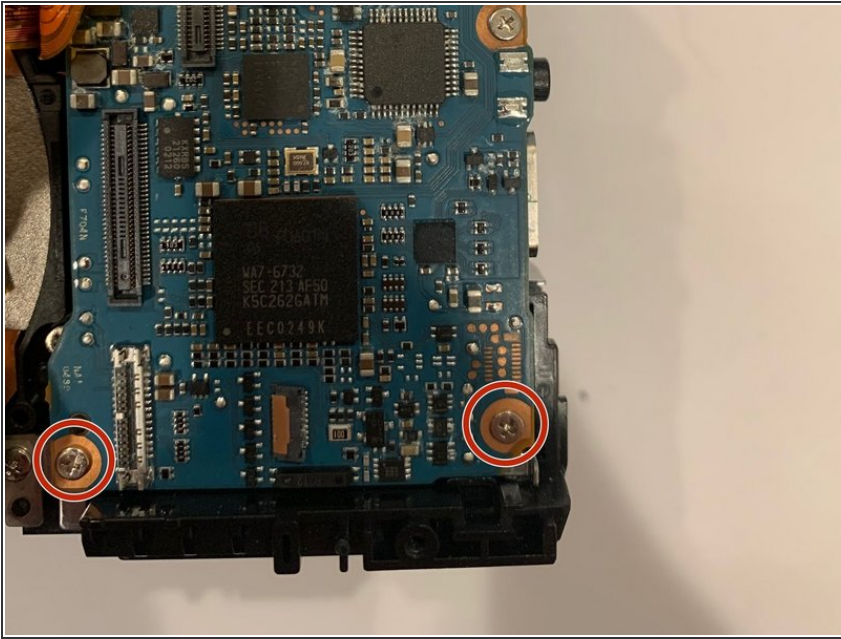
Step 14

- Remove the three screws on the top of the motherboard using a Phillips #00 screwdriver.

Step 15

- Remove the bottom two screws on the motherboard using a Phillips #00 screwdriver.

Step 16

- Remove motherboard by gently pulling it out.

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

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