Canon PowerShot G16 Button Circuit Board Replacement

Please follow these steps to replace the button...

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INTRODUCTION

Please follow these steps to replace the button memory board.

🔧 **TOOLS:**

Phillips #00 Screwdriver (1)
Anti-Static Wrist Strap (1)

Step 1 — Battery

- Open the battery flap on the bottom of the camera by applying pressure and pushing in the direction of the arrow.

- Remove your finger and allow the flap to pop open.

Step 2

- Push the brown lever so that it pivots counterclockwise.

- Grip and remove the battery.

Step 3 — Button Circuit Board

- Remove the ring around the lens by simultaneously pressing the black button located at the bottom right of the ring and rotating the ring counterclockwise.

Step 4

- Remove the four 3.3 mm screws on the bottom of the camera using a Phillips #00 screwdriver.

Step 5

- Remove the 3.3 mm screw on the right side of the viewfinder using a Phillips #00 screwdriver.

Step 6

- Remove the two 3.3 mm screws near the speaker using a Phillips #00 screwdriver.

Step 7

- Open the port cover by lifting up the tab with your finger and remove the 3.3 mm screw underneath the cover using a Phillips #00 screwdriver.

- Remove the other 3.3 mm screw below the ports using a Phillips #00 screwdriver.
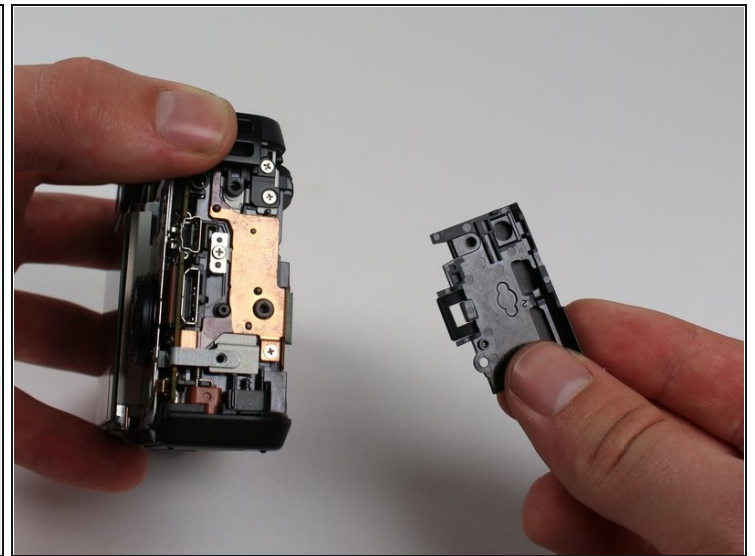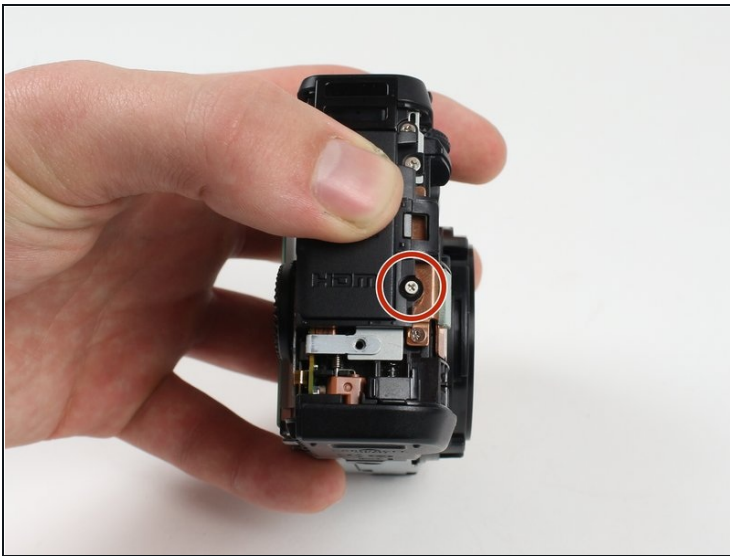
Step 8

- Using your fingers, carefully pull the the back cover off by grabbing the bottom left of the back cover and pulling outwards.

Step 9

- Using your fingers, carefully pry the front cover off starting at the bottom right.

Step 10

- Remove the 3.8 mm screw at the bottom right of the port cover housing using a Phillips #00 screwdriver.

- Lift away the port cover housing.

Step 11

- Reorient the camera so that you are looking at the back.

- ⚠ Make sure to pull the connector straight down as pulling up may cause harm to the connector.

- Unplug the button circuit board from the motherboard by unlocking the ZIF connector (gently lift the brown lock that keeps the cable in place).

- Pull the connector downwards with the [tweezers](#).

Step 12

- Remove the 3.0 mm screw on the top of the button memory board using a Phillips #00 screwdriver.

- Remove the 2.8 mm screw on the bottom of the button memory board using a Phillips #00 screwdriver.

Step 13

- Lift the button circuit board away from the camera.

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