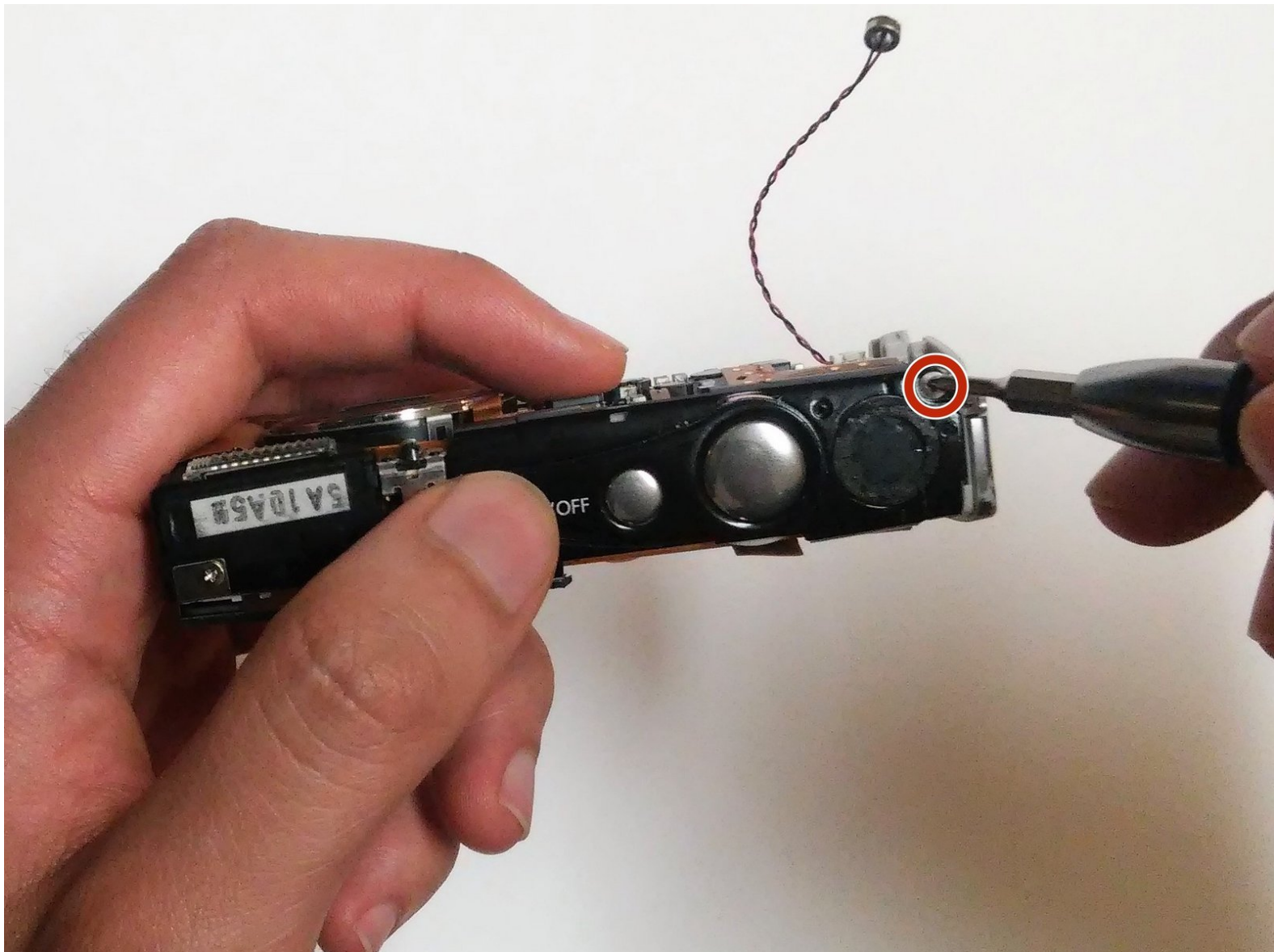




Canon PowerShot SD30 Motherboard Replacement

This guide will explain how to remove the motherboard from your Canon PowerShot SD30.

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INTRODUCTION

Follow the steps in this guide to remove and replace the motherboard of the camera. Damage to the motherboard will cause other components to fail.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
 - [Tweezers](#) (1)
-

Step 1 — Back Cover



 Remove the wrist strap and battery before removing the back cover.

- Remove the 2mm screw from the back of the camera.
- Remove two 2mm screws from the bottom of the camera.
- Remove two 2mm screws the left side of camera.

Step 2



- Gently remove the back cover.

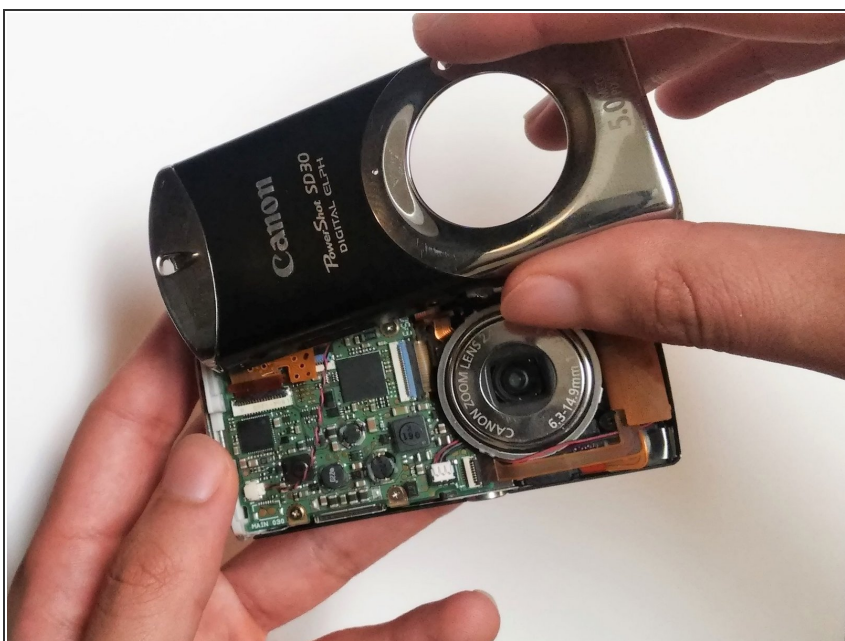
Step 3 — Front Cover



i Be sure to remove the wrist strap and battery before removing the cover.

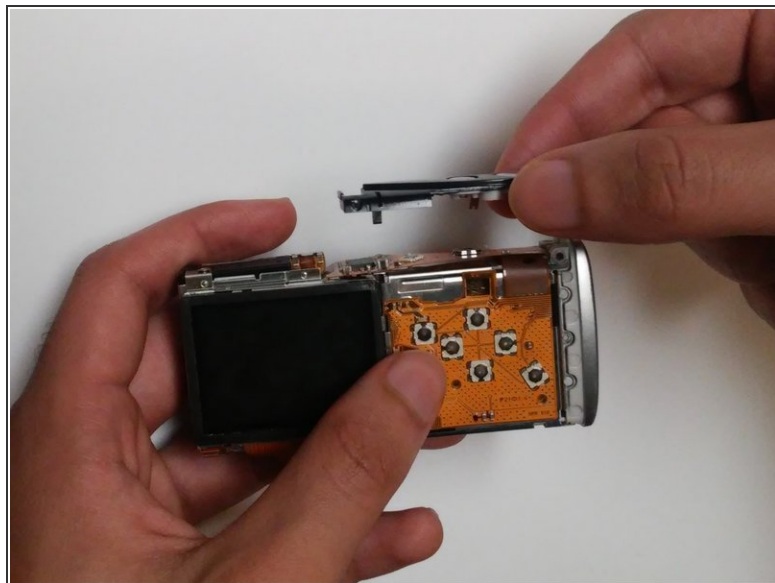
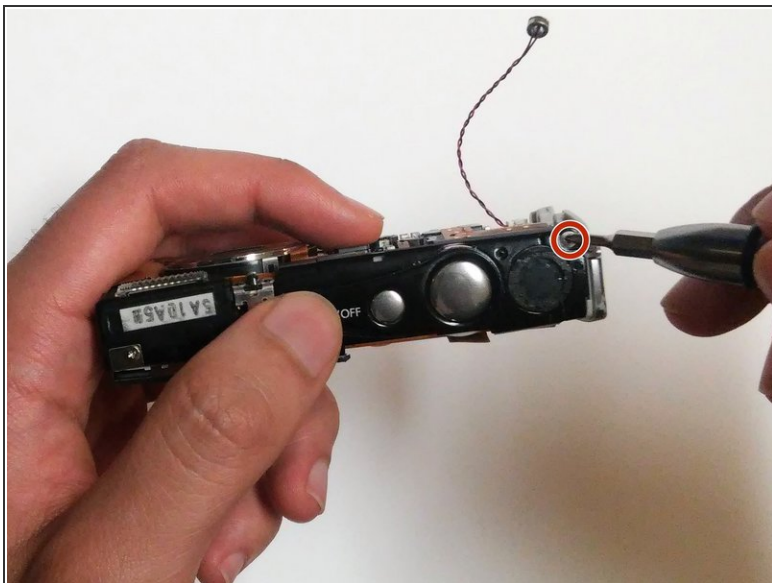
- Remove the two 2mm black screws that are located on the underside of the camera.
- Remove the two 3mm silver screws from the right side of camera.

Step 4



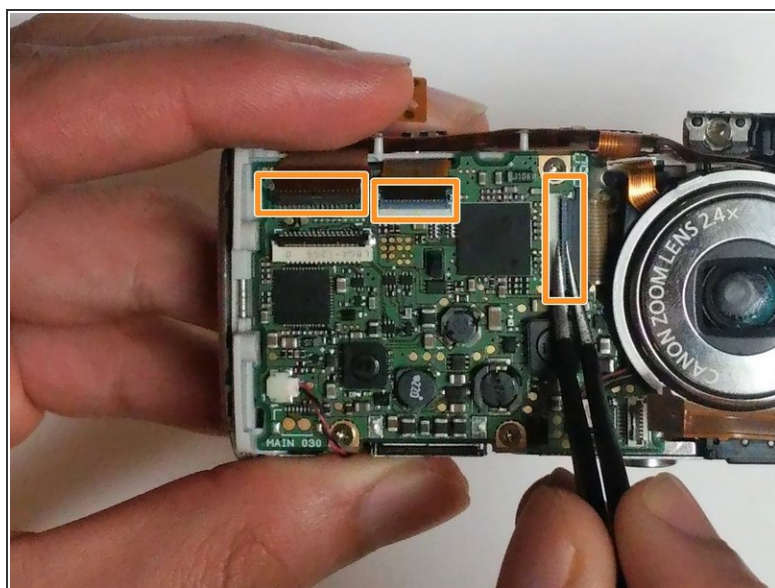
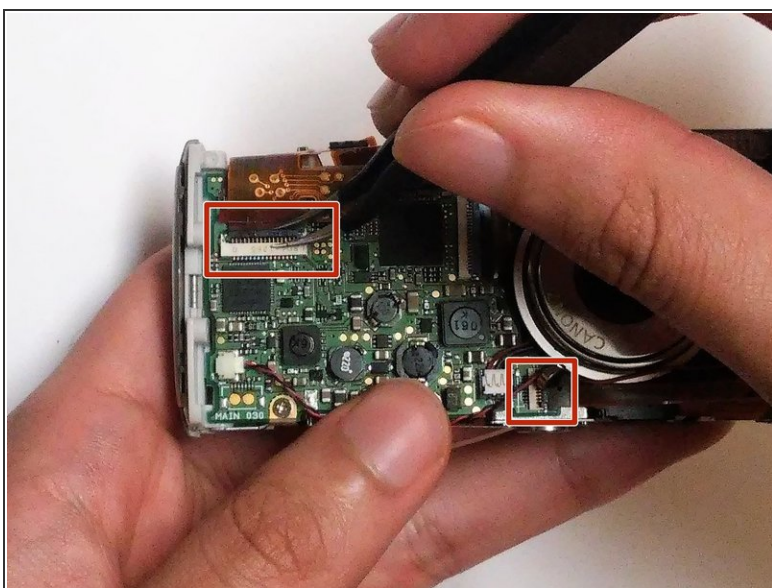
- Gently remove the front cover.

Step 5 — Motherboard



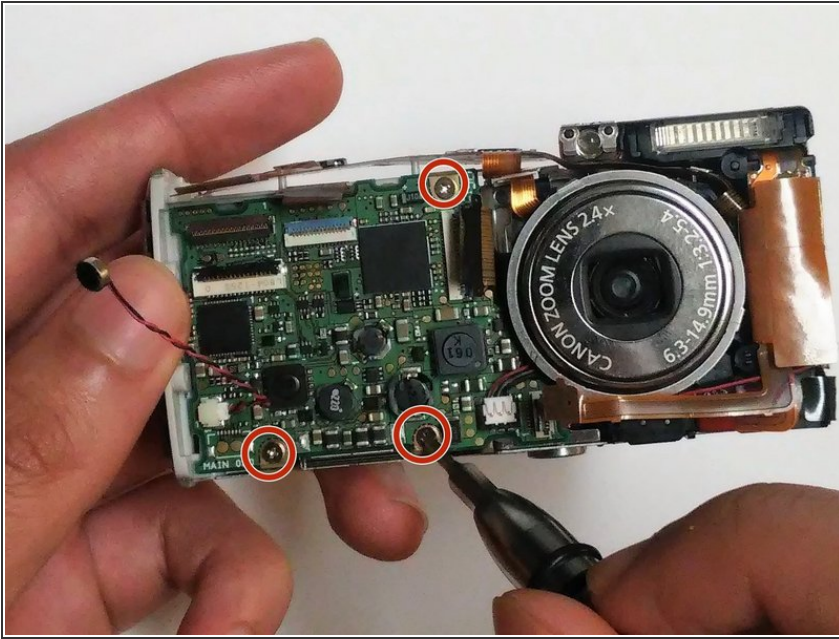
- Unscrew the 3mm silver screw from the top of the camera.
- Gently remove the top button panel.

Step 6



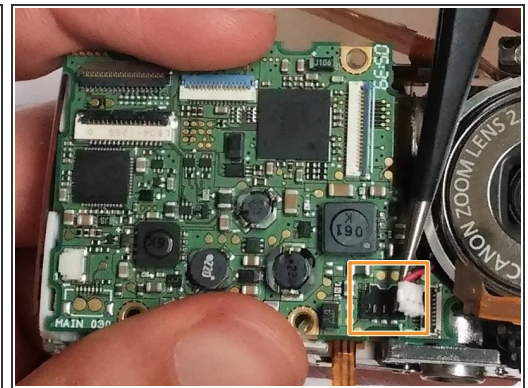
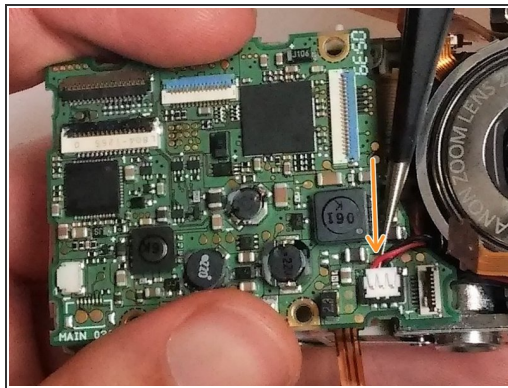
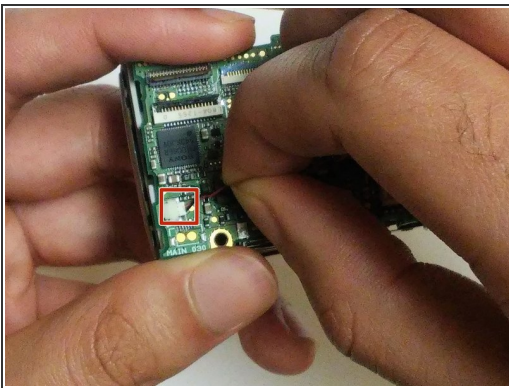
- Using the tweezers, carefully lift up the 2 folds where the ribbon connects to the motherboard.
- Now, lift up the three remaining ribbon connectors to disconnect them.

Step 7



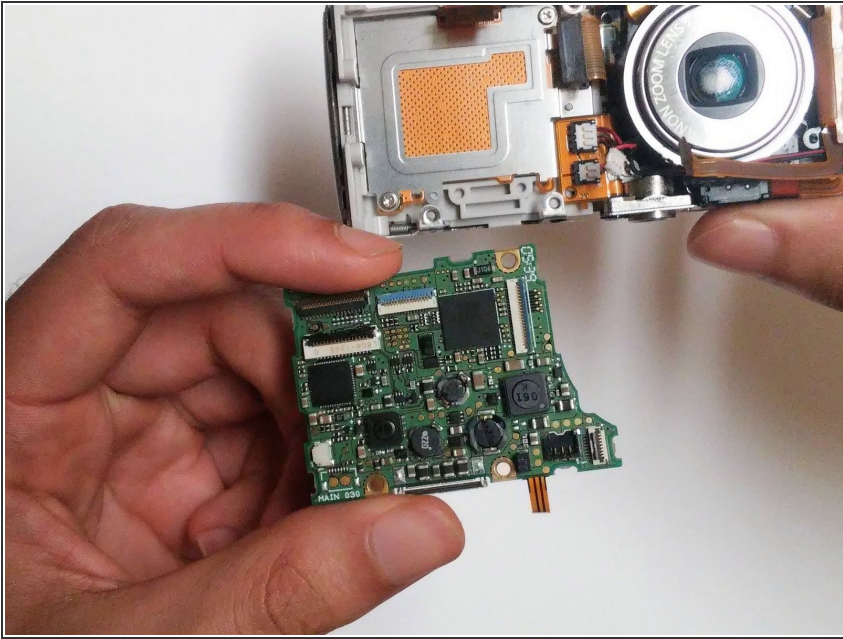
- Unscrew the three 3mm silver screws from the motherboard.

Step 8



- Gently pull the left wire out and disconnect it from the device.
- Use the tweezers to pop the right set of wires out of the connector. Do this by positioning the tweezers under the connector and lifting up.

Step 9



- Remove the motherboard from the device.
- ⓘ The motherboard will have nothing connecting it to anything, so be sure to have it grasped.

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