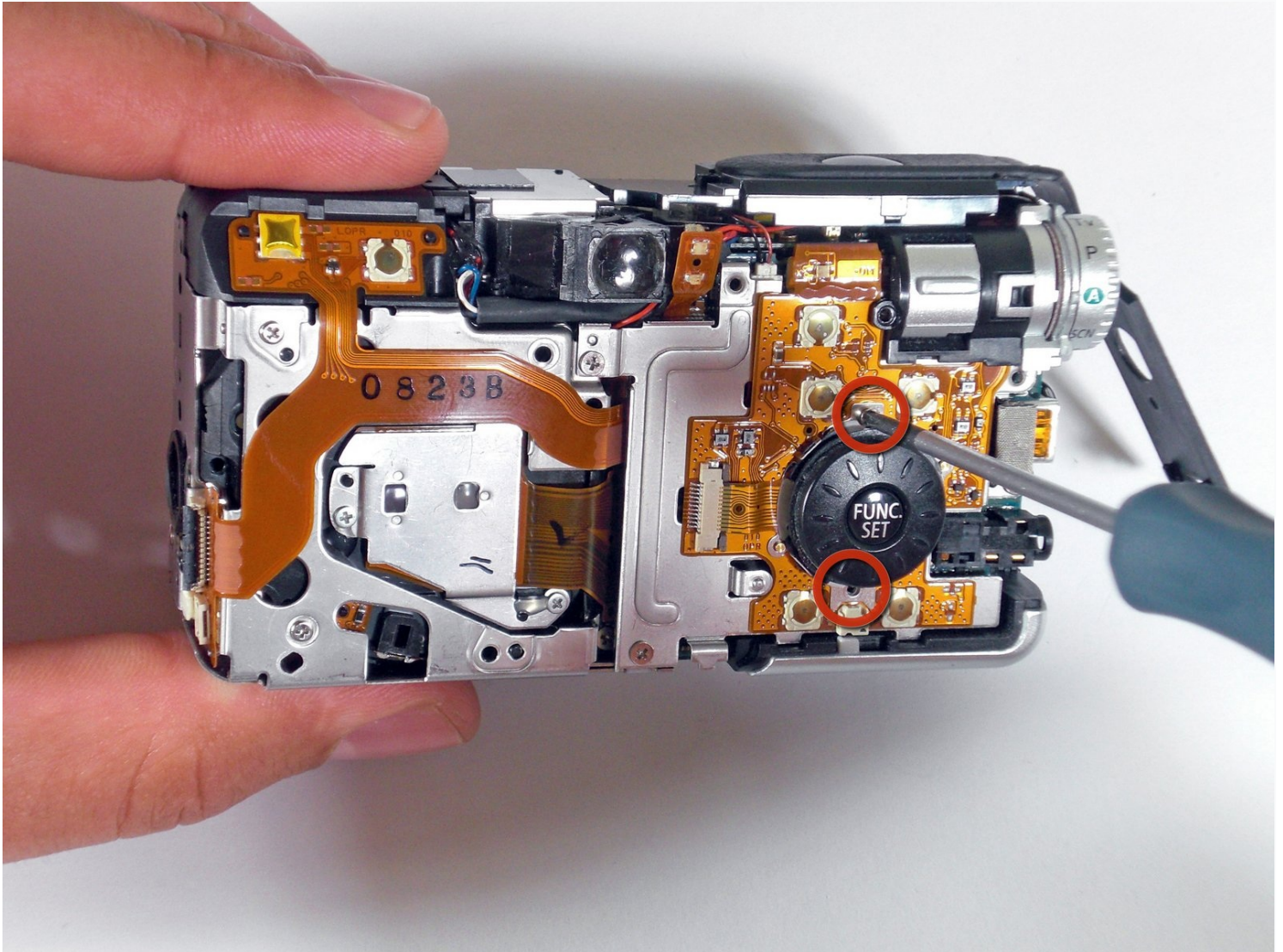# Canon PowerShot S80 Motherboard Replacement

This guide serves to remove and replace the...

Written By: BrettH

INTRODUCTION

This guide serves to remove and replace the motherboard of your Canon PowerShot S80 camera.

🔧 **TOOLS:**

Spudger (1)
Metal Spudger (1)
Phillips #00 Screwdriver (1)
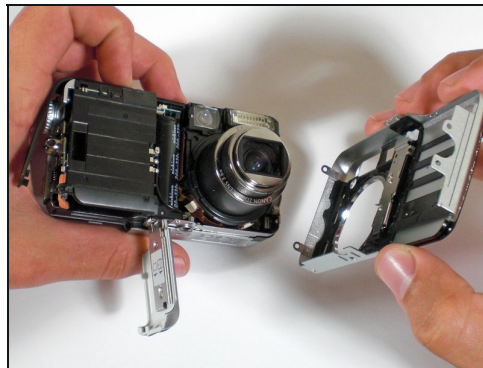

Step 1 — Outer Casing

- Remove the knot on the wrist lanyard.

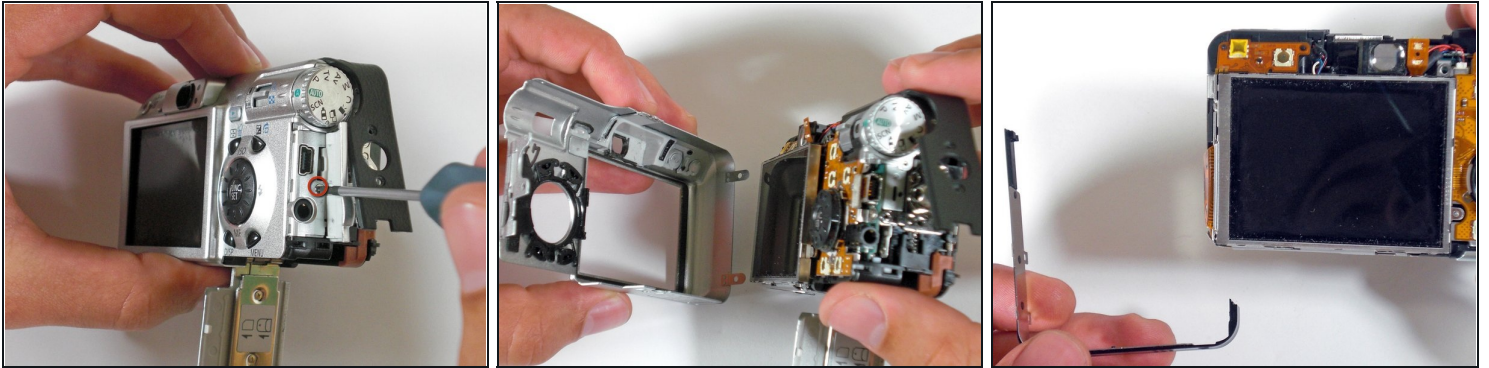- Remove the battery and the memory card.

Step 2

- Begin removing the screws on the bottom of the outer casing.

- Next, remove the rest of the screws from the outer casing.
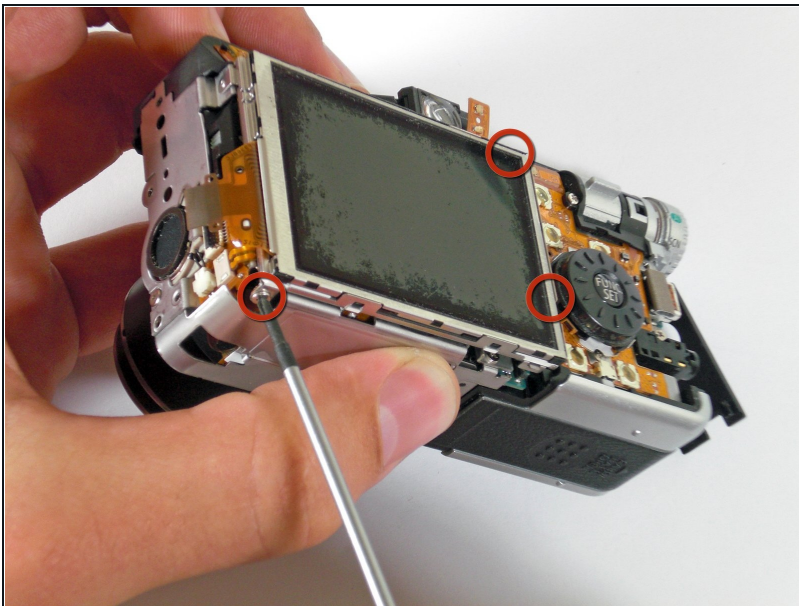
Step 3

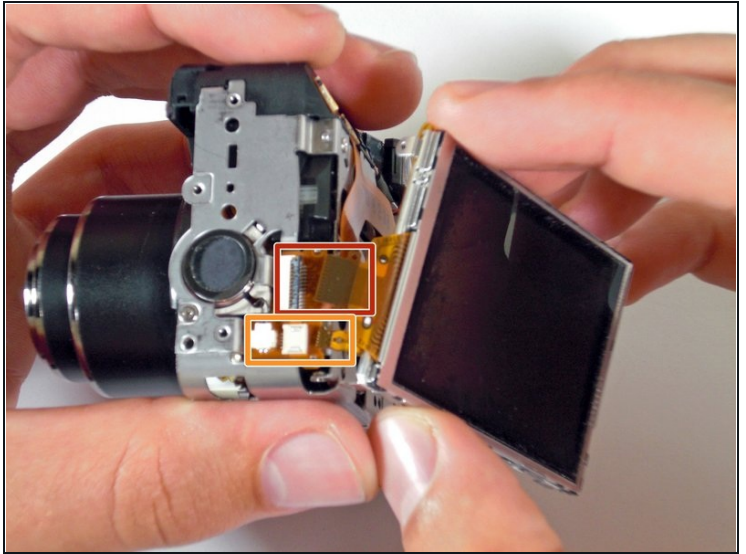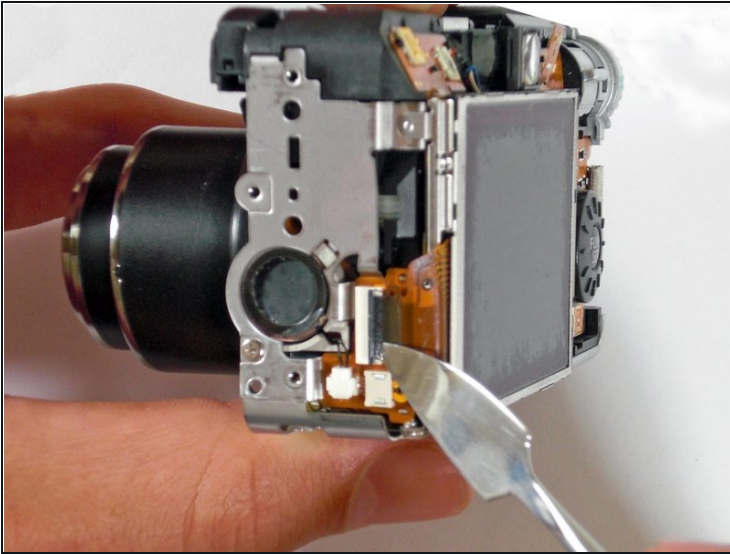- Gently pull the front cover off of the camera.

Step 4

- Open the "A/V Out Digital" cover. Remove the screw inside.

- Gently pull off the back casing.

- Remove the black "L" shaped piece of metal.
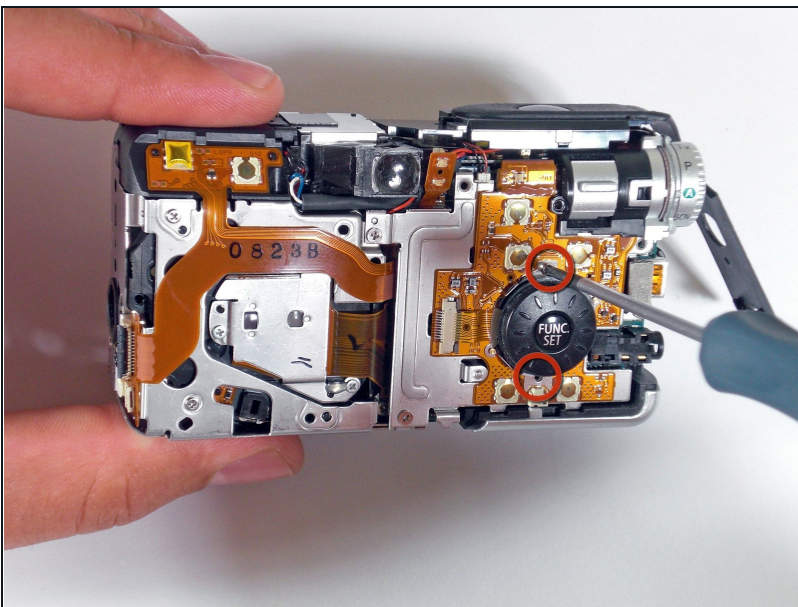
Step 5 — LCD Screen

- Remove the three screws that are holding the screen in place. Free the screen from the underlying components.

- ⚠ Be careful with the ribbon wire that is still attached on the left side of the screen.
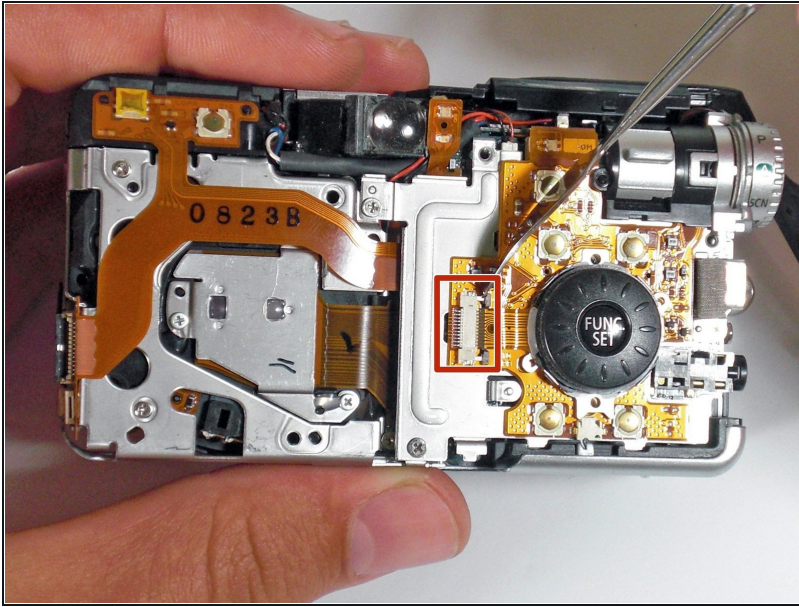
Step 6

- With the spudger, gently lift the black flap that is holding the wide ribbon cable wire in place.

- Unplug the wide ribbon cable.

- Unplug the narrow ribbon cable to free the LCD screen from the camera body.
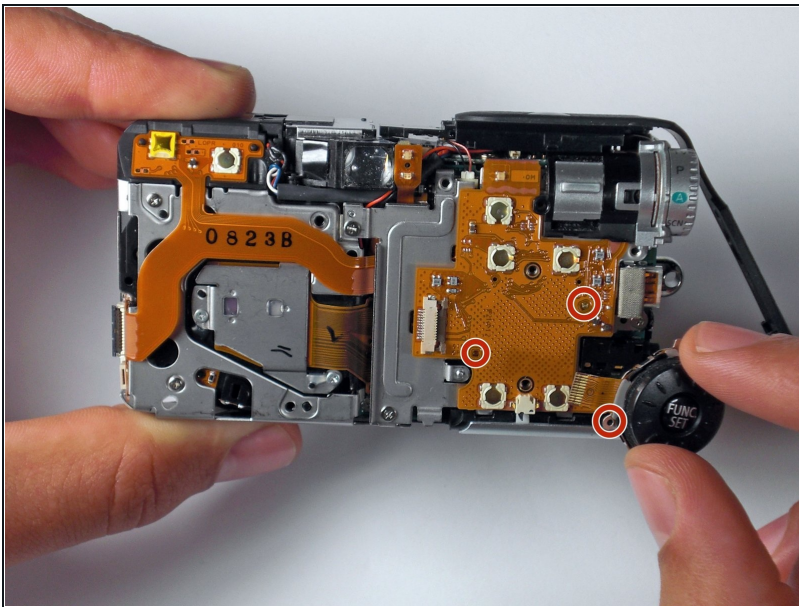
Step 7 — Motherboard

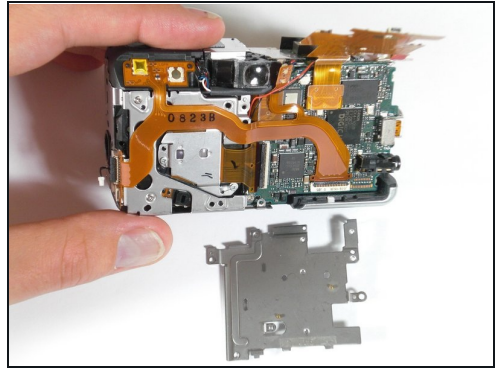- Remove the screws holding down the function set button.
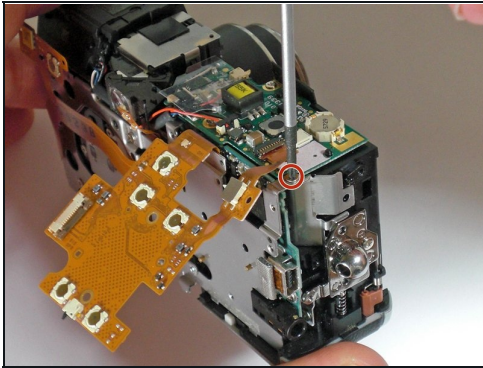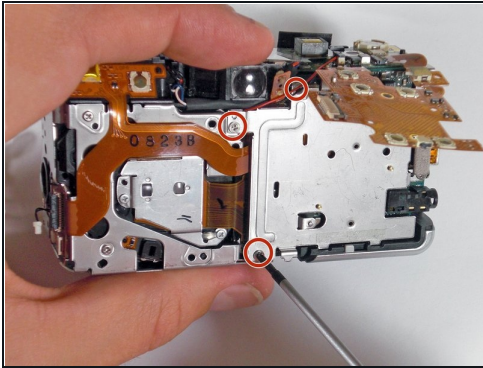
Step 8

- Gently pry up the tab with a metal spudger and remove the ribbon cable.
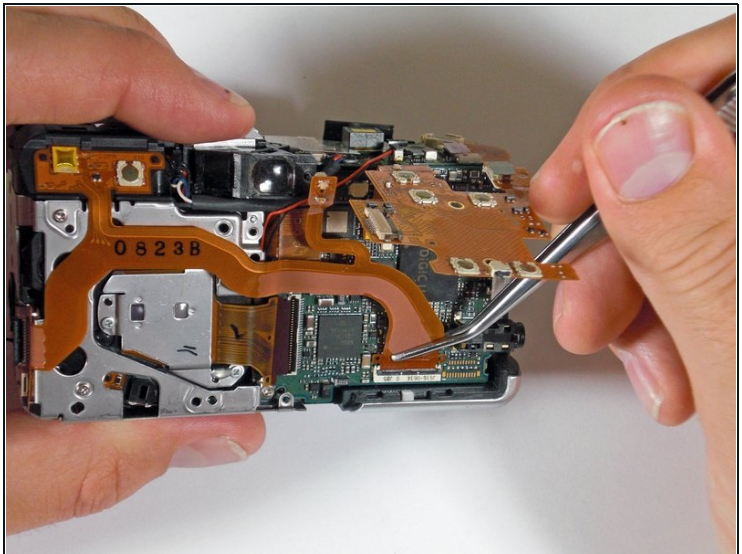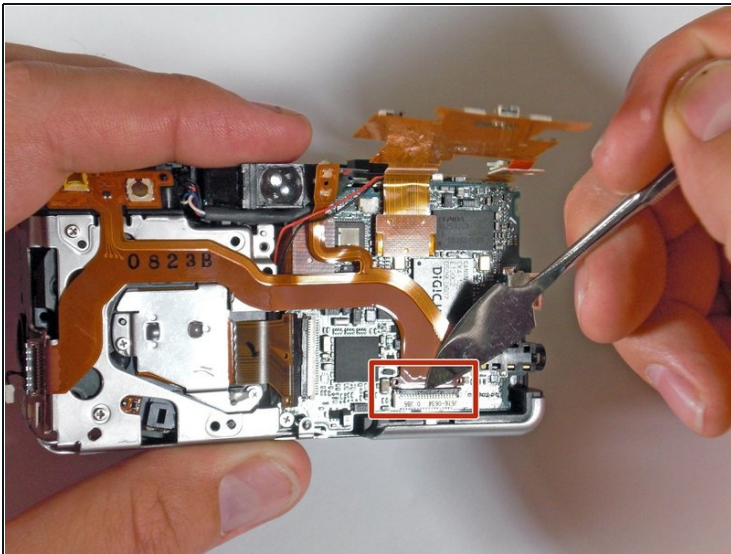
Step 9

- Be mindful of the pins as you lift up and remove the function/set button.
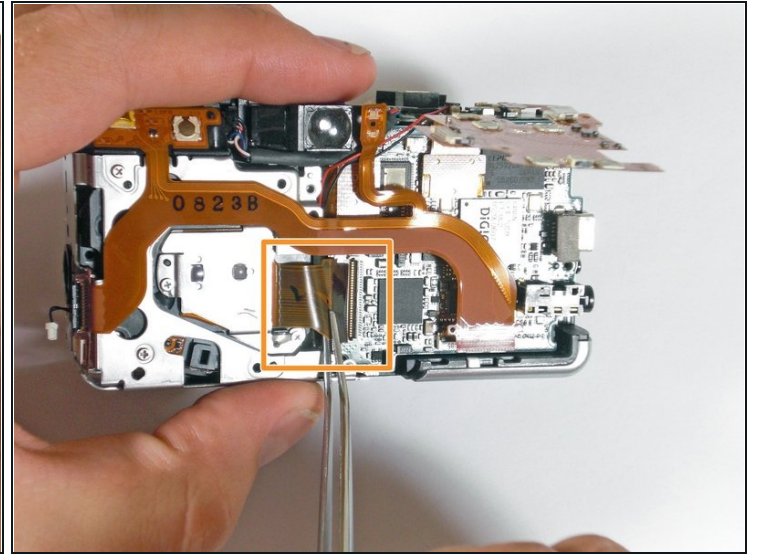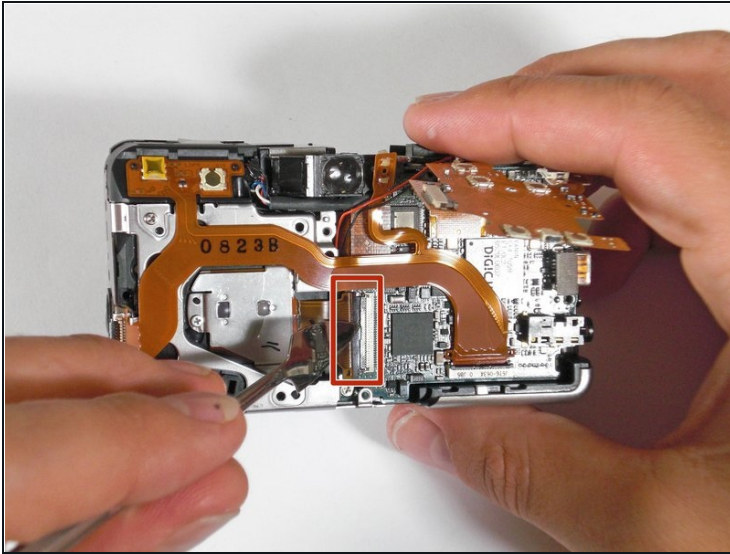
Step 10

- Remove the screws from the metal plate.

- Gently remove the metal plate.

Step 11
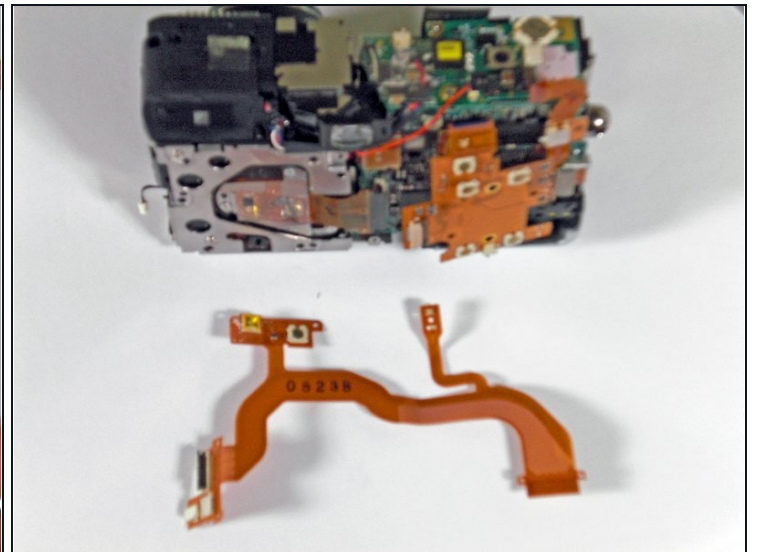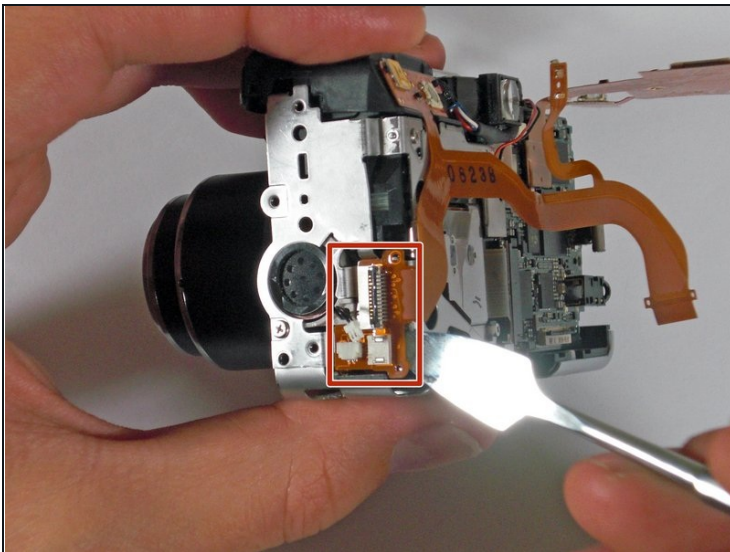

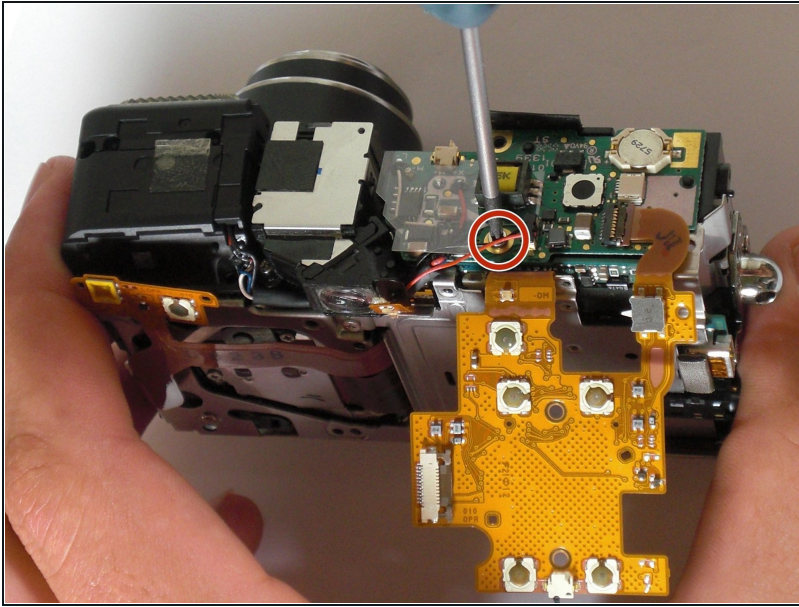- Lift the tab connecting the ribbon cable and detach.

Step 12

- Use a spudger to lift up the ribbon cable tab.
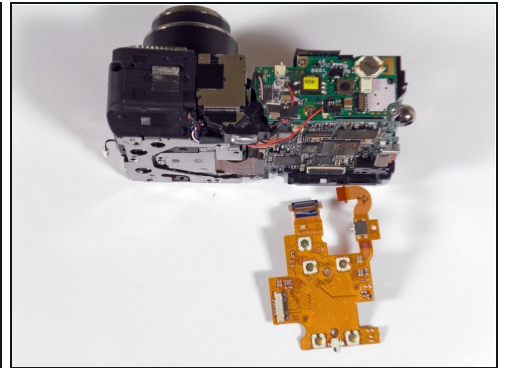
- Detach the ribbon cable.
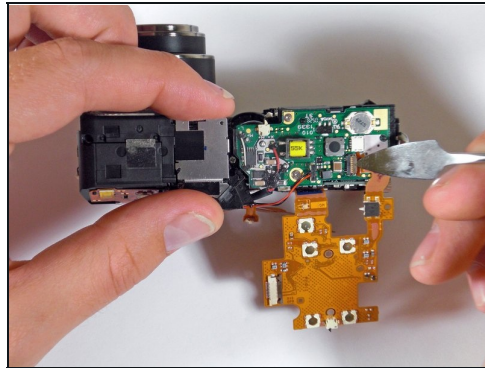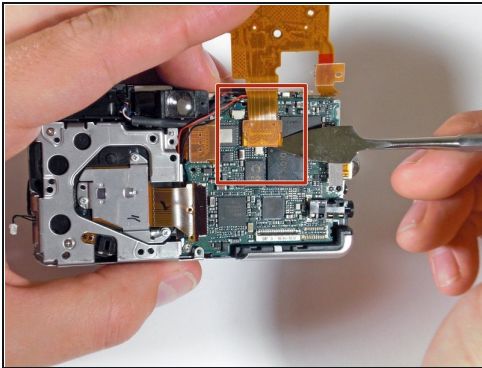
Step 13

- Gently remove the entire ribbon cable connection to release the ribbon cable from the camera.
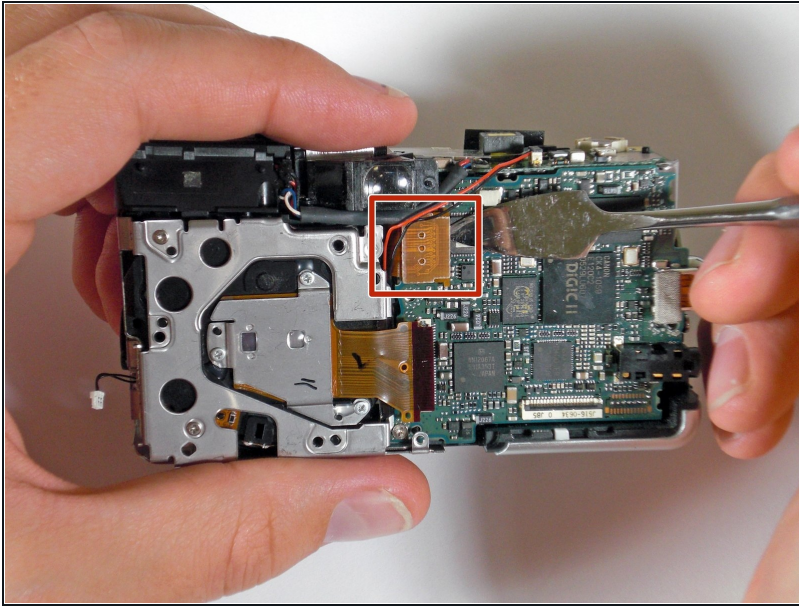
Step 14

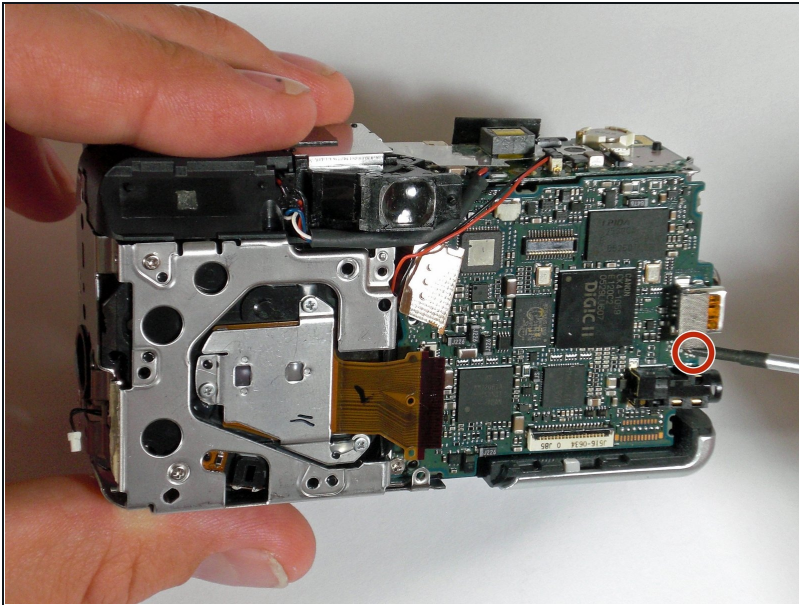- Unscrew the circuit board from the flash unit.

Step 15

- Pry up the ribbon cable connection and remove it from the camera.

- Lift the ribbon cable tab and completely detach the cable from the camera.
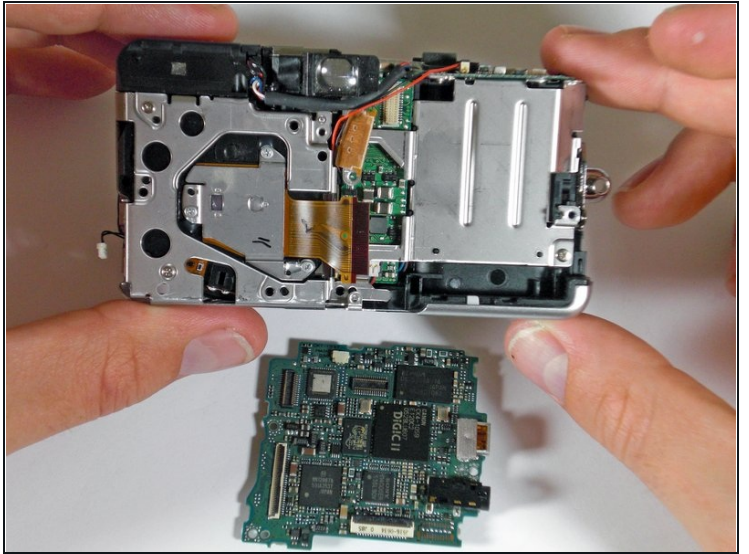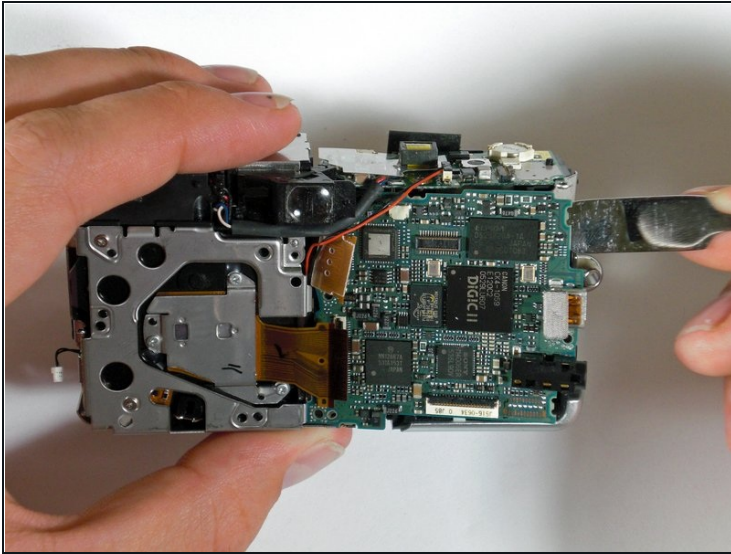
Step 16

- Pry up the connection, being mindful of the light adhesive.

Step 17

- Remove the last screw holding the motherboard to the main body.

Step 18

- Use a spudger to gently lift the motherboard from the camera.

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