



# Nikon Coolpix B700 Motherboard Replacement

How to remove the motherboard out of a Nikon Coolpix B700.

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## INTRODUCTION

This guide shows how to replace the motherboard and battery housing. This can be replaced if there are any issues with the battery connectivity or the board blows out.

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### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [Metal Spudger](#) (1)
  - [Tweezers](#) (1)
  - [Soldering Iron](#) (1)
  - [Spudger](#) (1)
  - [iOpener Kit](#) (1)
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## Step 1 — Back Frame Assembly



- Use the Phillips screwdriver to remove the two 5.5 mm screws on the left side of the camera.

## Step 2



- Use the Phillips screwdriver to remove seven 5.5 mm screws from the bottom of the camera.

### Step 3



- Use the Phillips screwdriver to remove the two 5.5mm screws on the right side of the camera.
  - Open the HDMI flap to remove a 5.5mm screw.
- Don't forget to replace the hidden screw under the HDMI flap during reassembly.

### Step 4



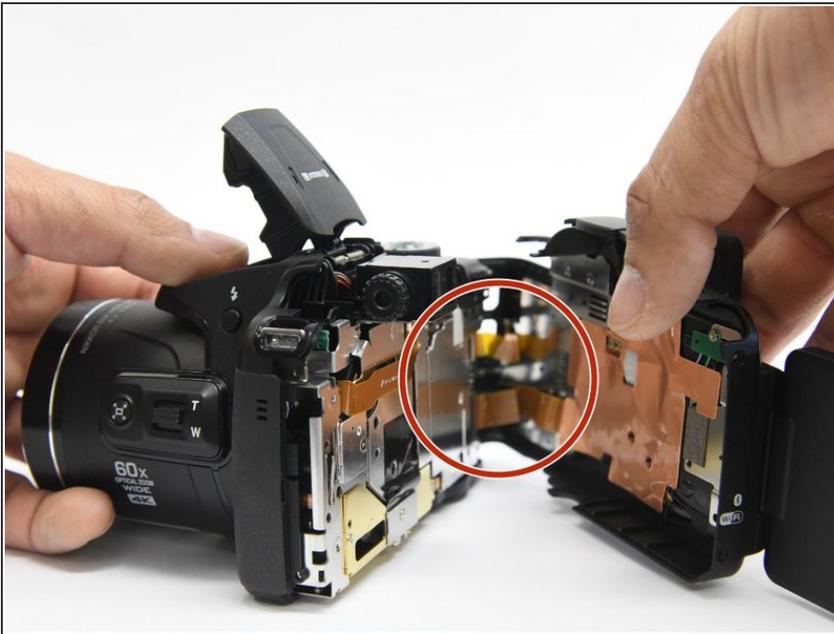
- Use the Phillips screwdriver to remove the two 5.5mm screws under the LCD panel.

## Step 5



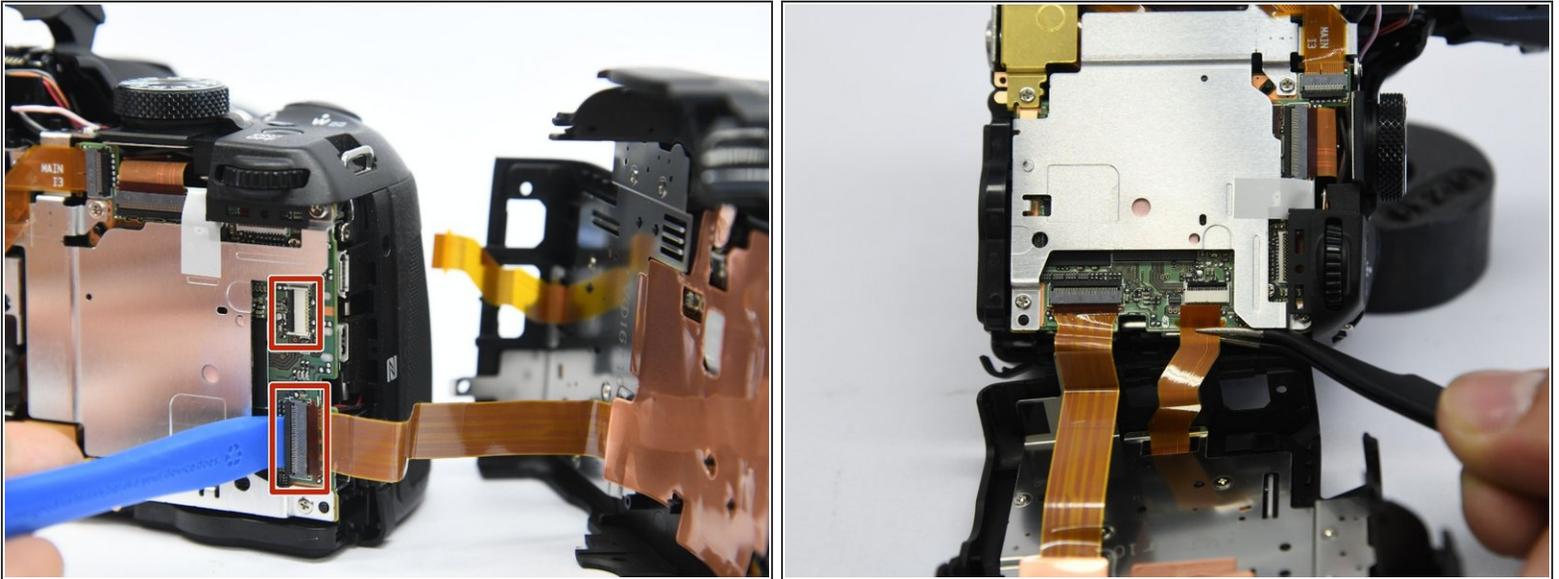
- Open the flash assembly and insert the spudger into the slot under the flash unit and twist.
- While twisting, pry apart the shell to split the camera in half.

## Step 6



 Be careful not to damage the ribbons that connect the halves together.

## Step 7



- Place the pry tool under the black latch. Lift gently until the latch flips up.
- Gently pull the ribbon away from the latch.

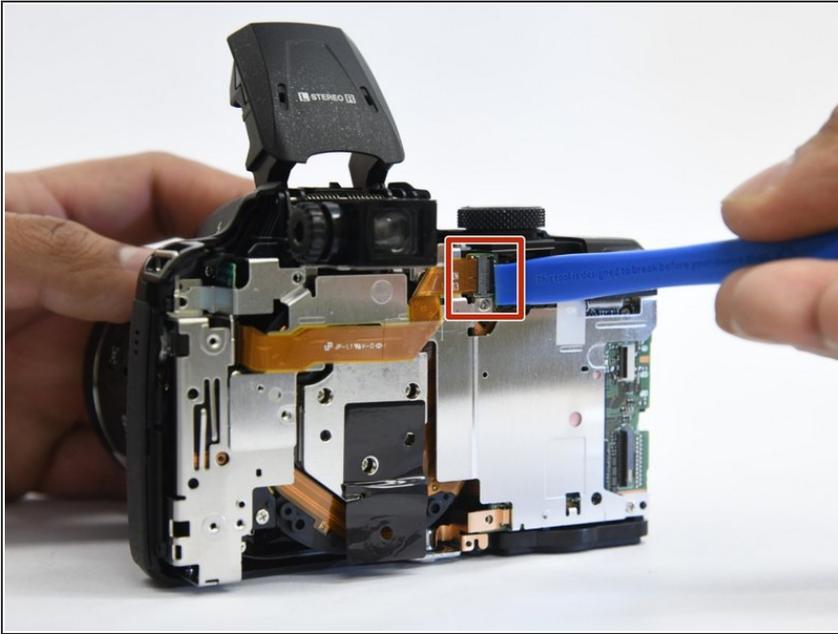
⚠ Be gentle when taking ribbons out and apart because they are fragile.

## Step 8 — Internal Bracket



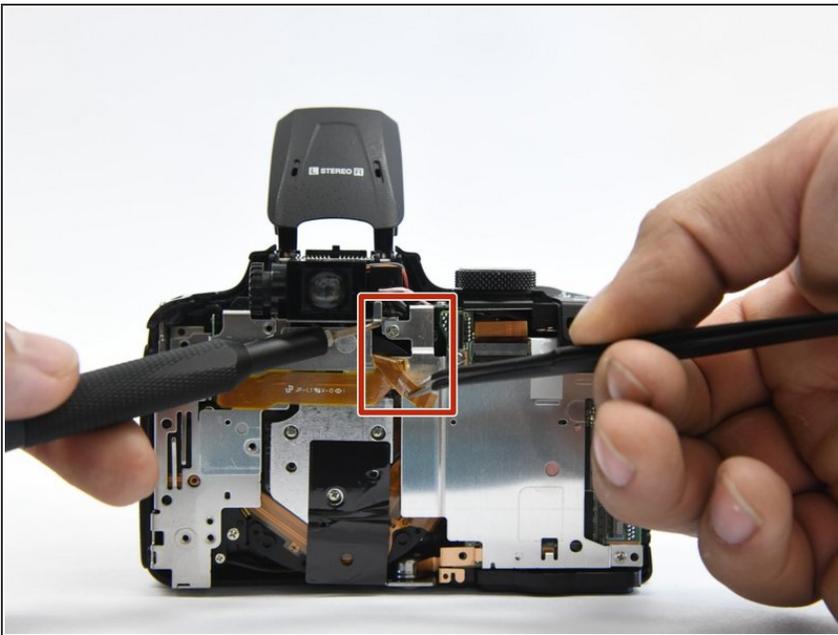
- Use the Phillips screwdriver to remove the remaining five 5.55mm screws.
- Remove the single 6mm screw.

## Step 9



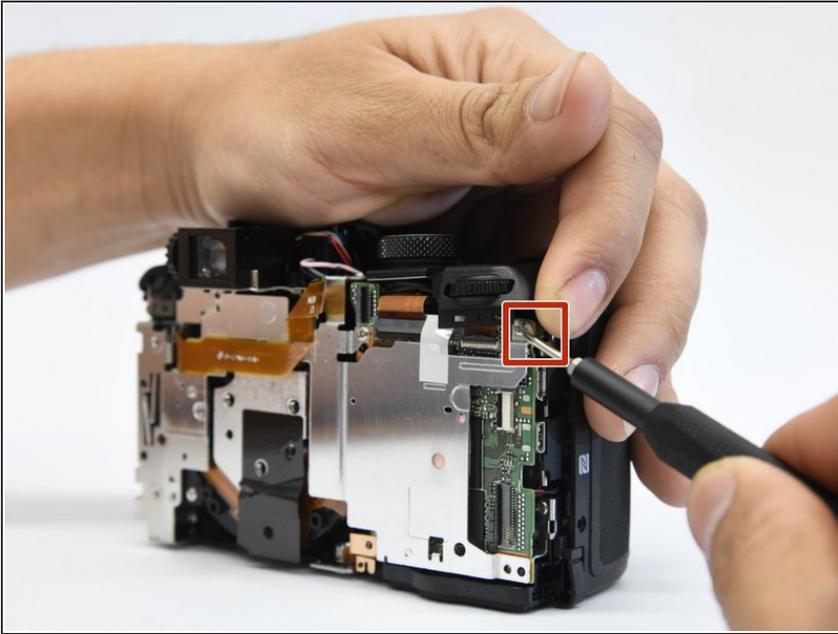
- Insert the pry tool under the latch and gently lift up to remove the ribbon.

## Step 10



- Move the ribbon out of the way to reveal the hidden screw.

## Step 11



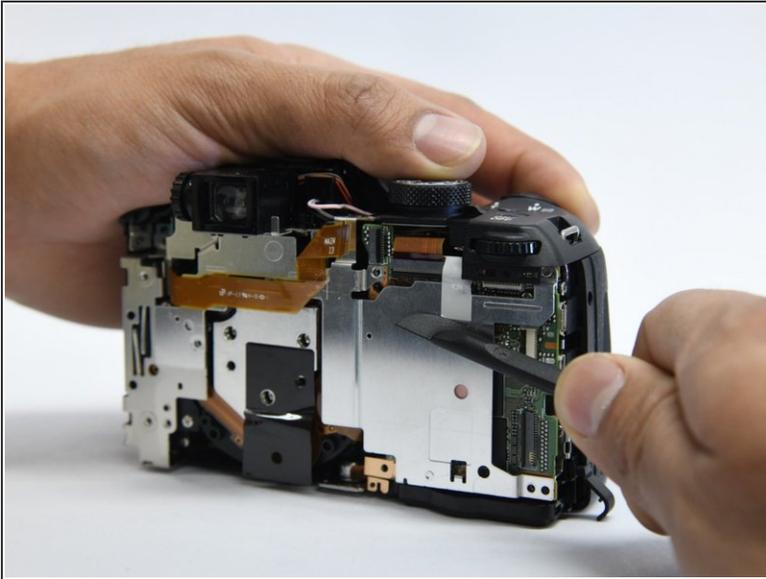
- Lift the button assembly gently to give access to remove the 4mm screw.

## Step 12



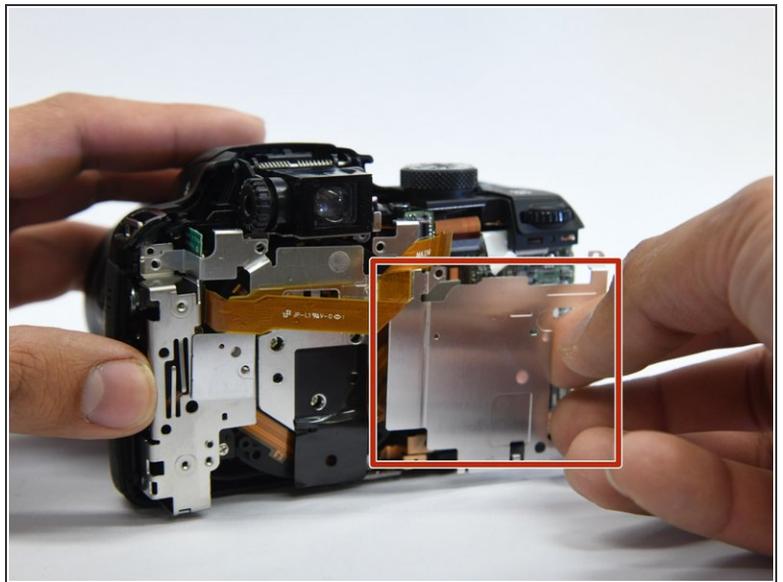
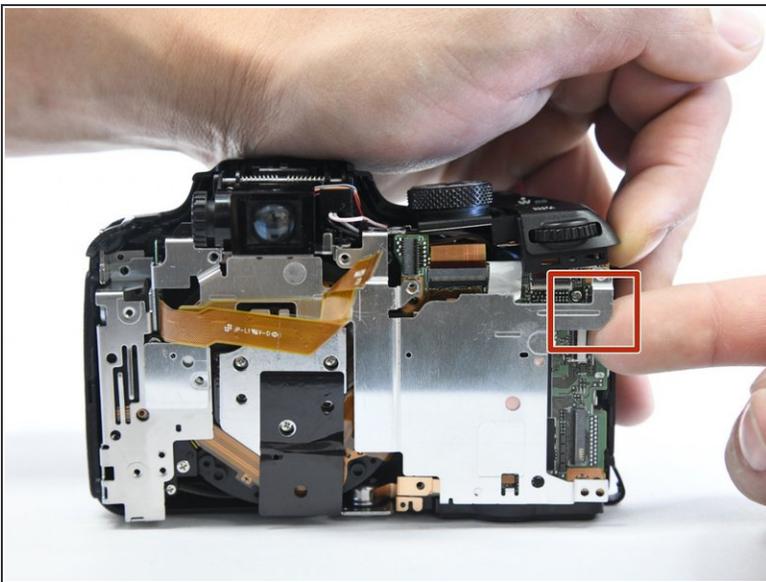
- On the top of the camera, remove the 6mm screw.

## Step 13



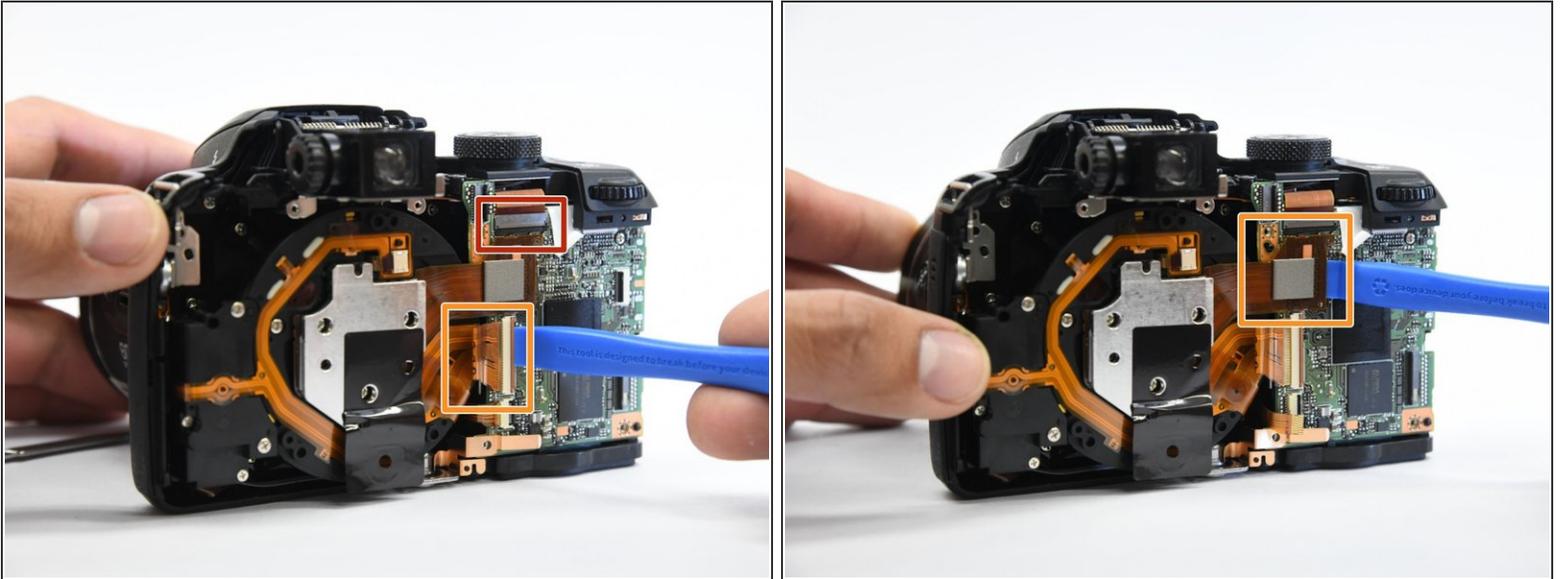
- With the spudger tool gently pry off the white tap holding in the bracket.
- Use the same tool to remove the glued-on ribbon.

## Step 14



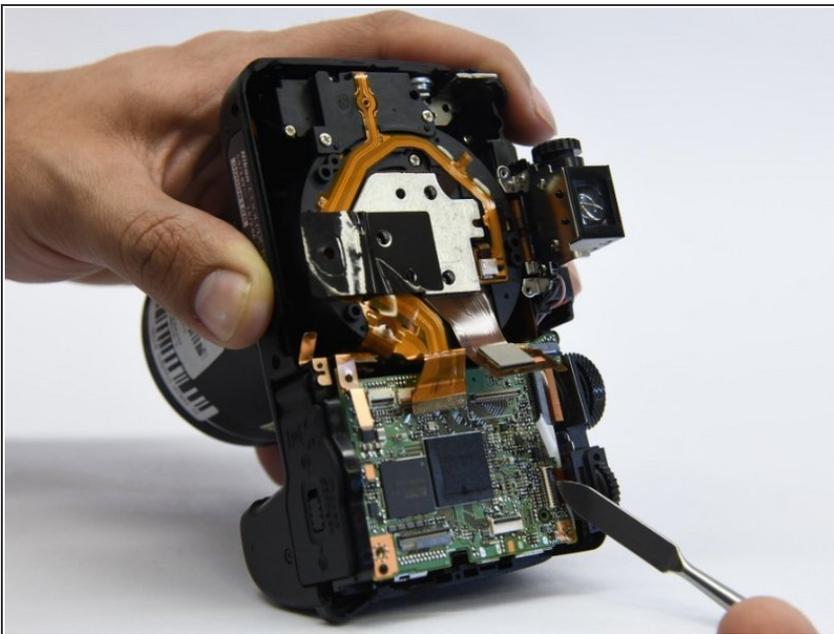
- Gently lift up the button assembly to slide the bracket out.

## Step 15



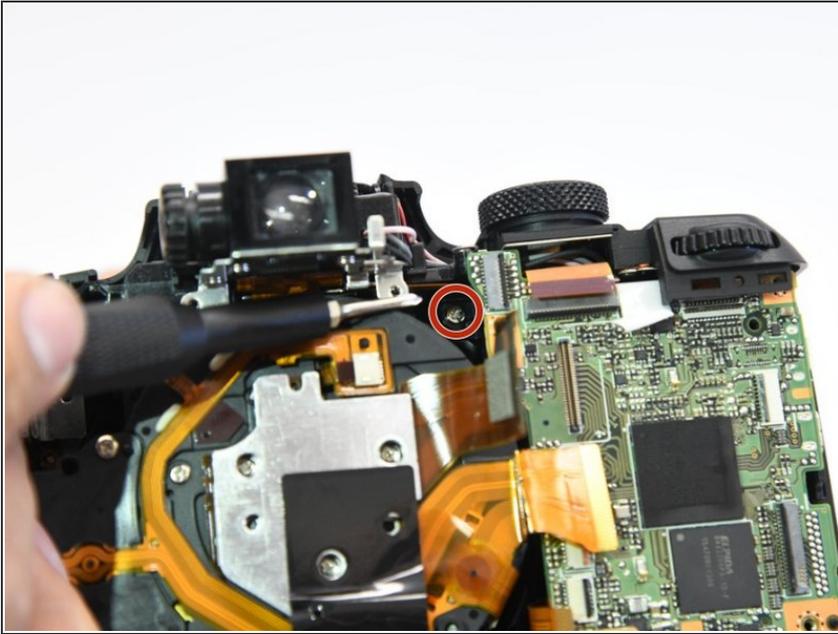
- With the pry tool gently lift up the latch and pull the cable toward the lens assembly.
- Use the pry tool again and place it under the ribbon and lift straight up to disconnect the ribbon.

## Step 16 — Motherboard



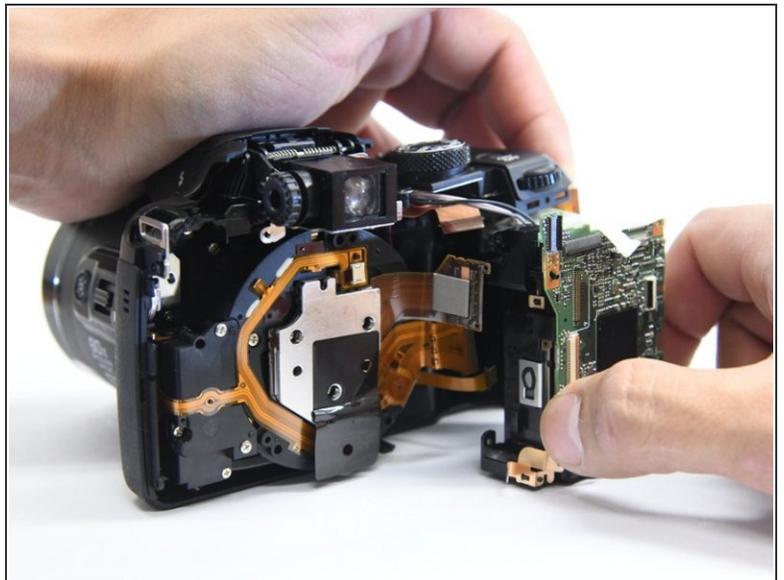
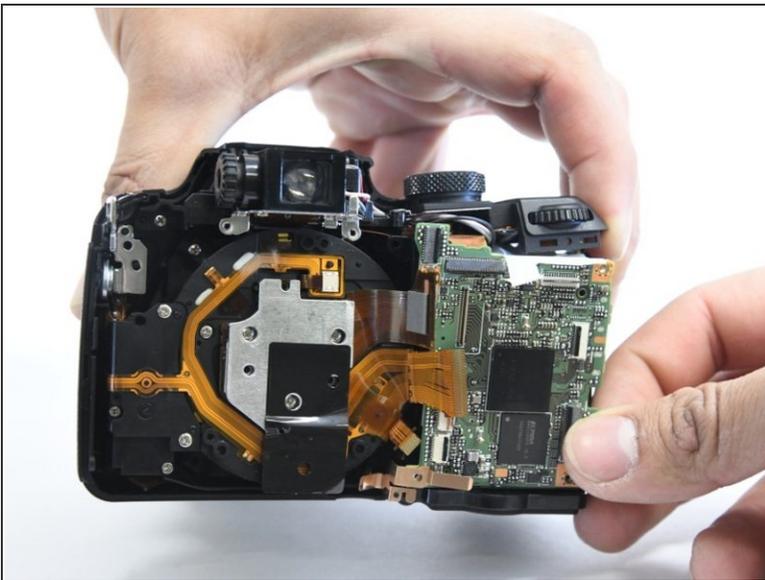
- Use the metal spudger to open the latch to remove the ribbon.

## Step 17



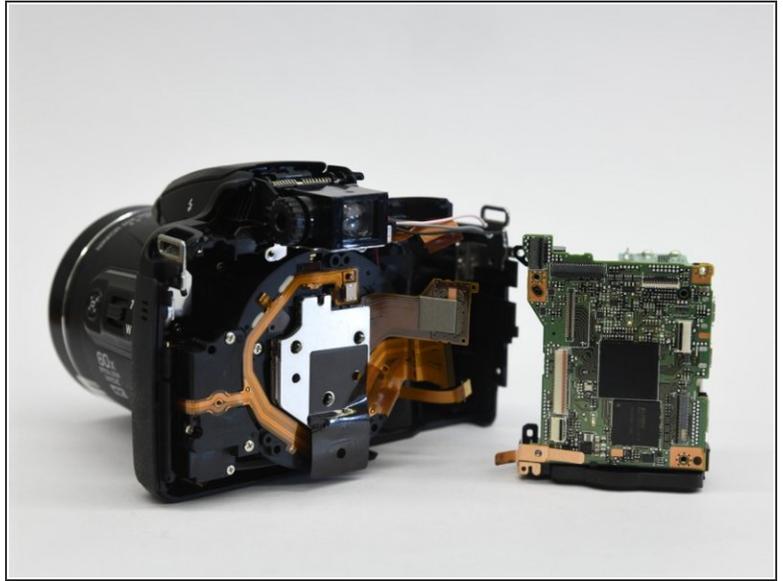
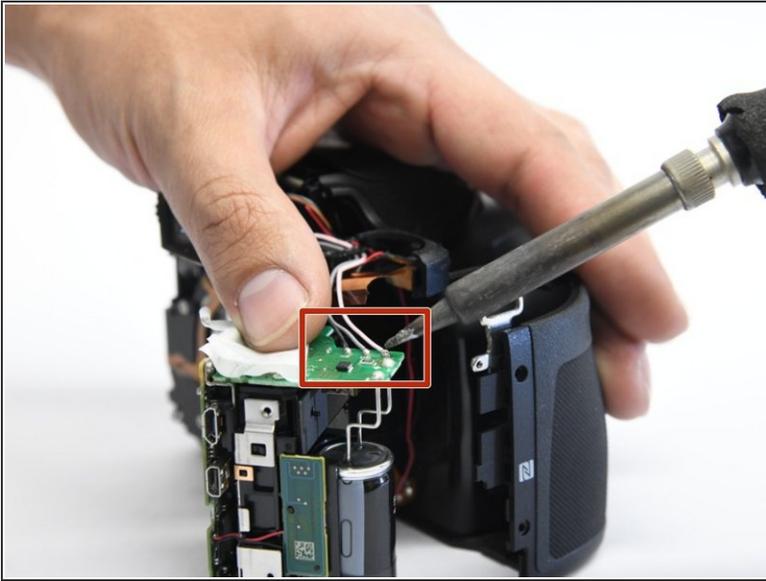
- Use the Phillips screwdriver to remove the single 6 mm screw.

## Step 18



- Gently lift the button assembly. Slide the motherboard out from the shell.

## Step 19



- Desolder the black, gray, and white wires from the motherboard.
- ⓘ The motherboard is labeled with the wire colors.

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