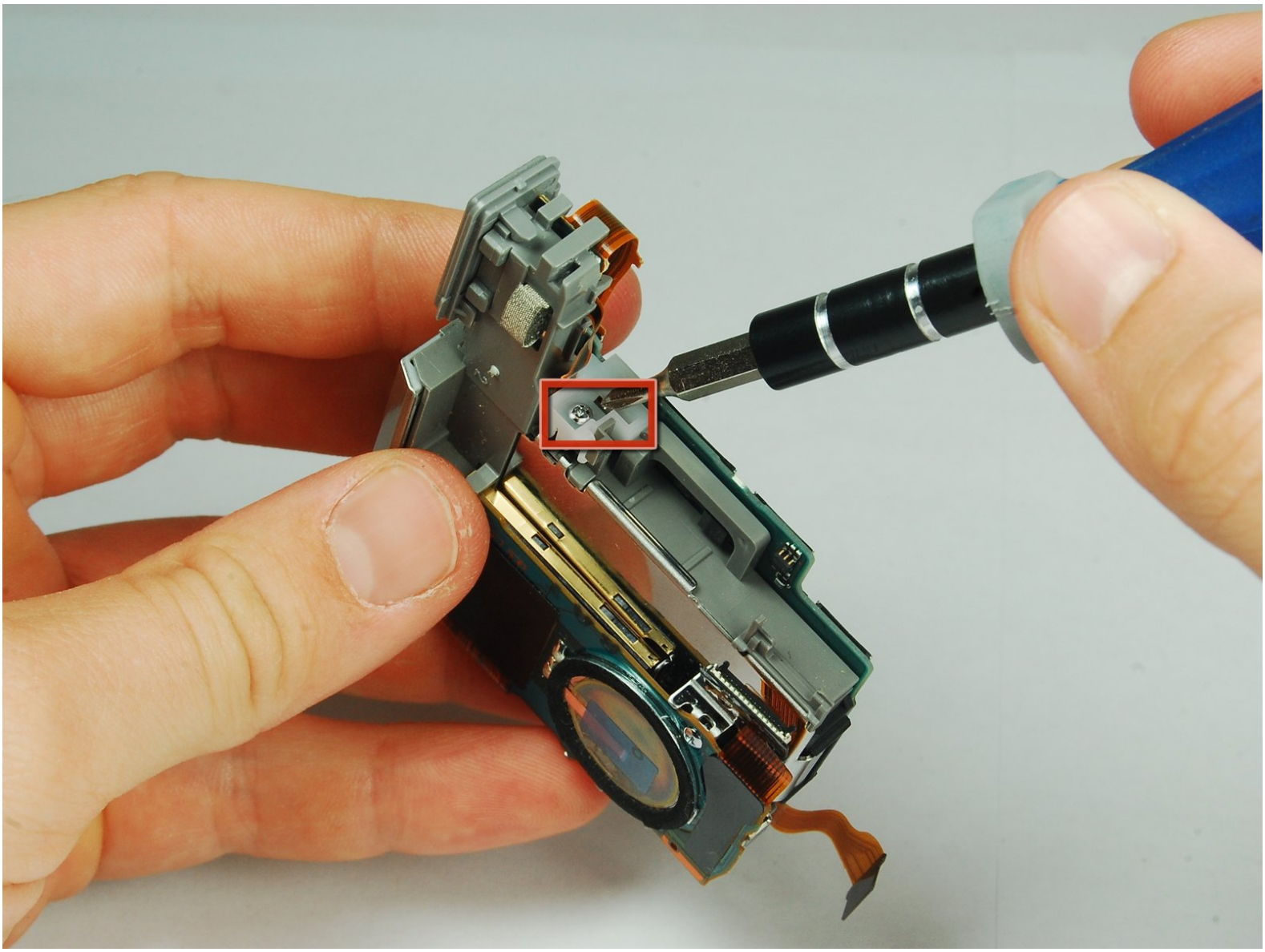
Sony Cyber-shot DSC-T1 Motherboard Replacement

This guide explains how to remove the motherboard from the Sony Cyber-shot DSC-T1.

Written By: iDeleted



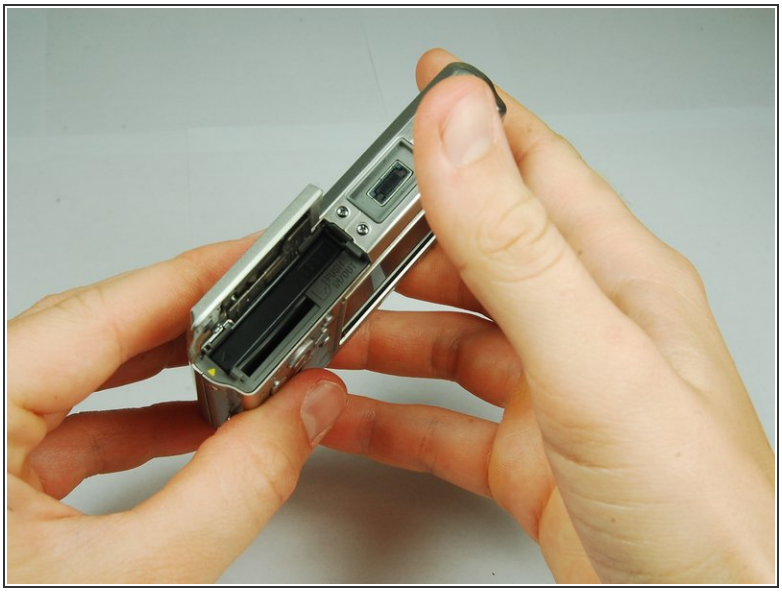
INTRODUCTION

This guide demonstrates separating the motherboard from the rest of the internals of the Sony Cyber-shot DSC-T1.

TOOLS:

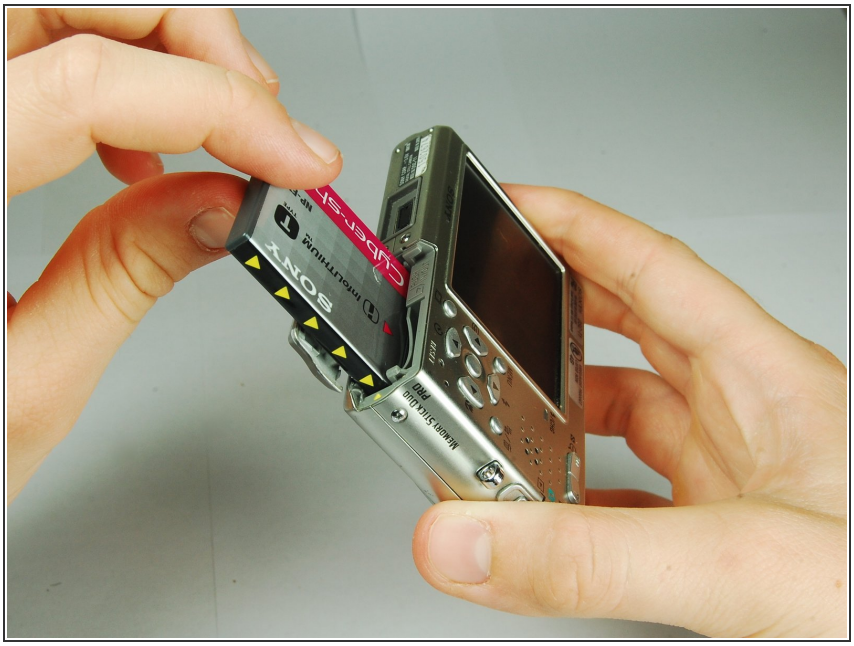
- Tweezers (1)
- Phillips #00 Screwdriver (1)
- Spudger (1)

Step 1 — Battery



- Locate the battery door at the bottom of the camera.
- Press down on the door and slide it back. The door will pop open.

Step 2



- Remove the battery from the door that you opened in the previous step.

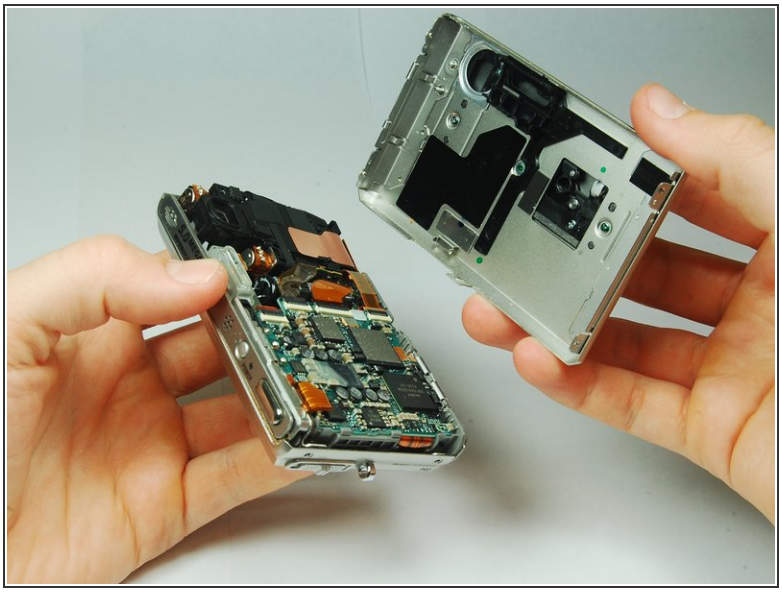
Step 3 — Disassembling Sony Cyber-shot DSC-T1 Removing Front Cover



There are two screws on the left and right sides of the camera, and two screws on the bottom.

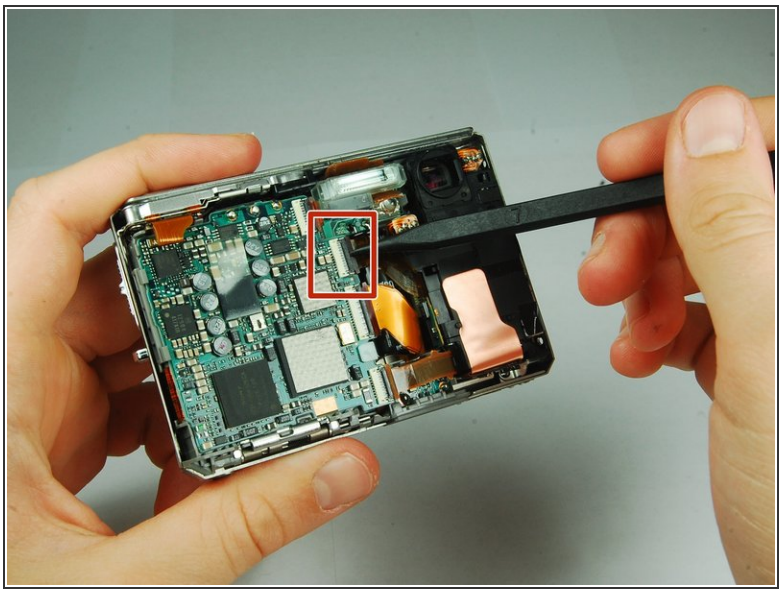
- Use a PH00 screwdriver and remove the six 2.9mm screws.

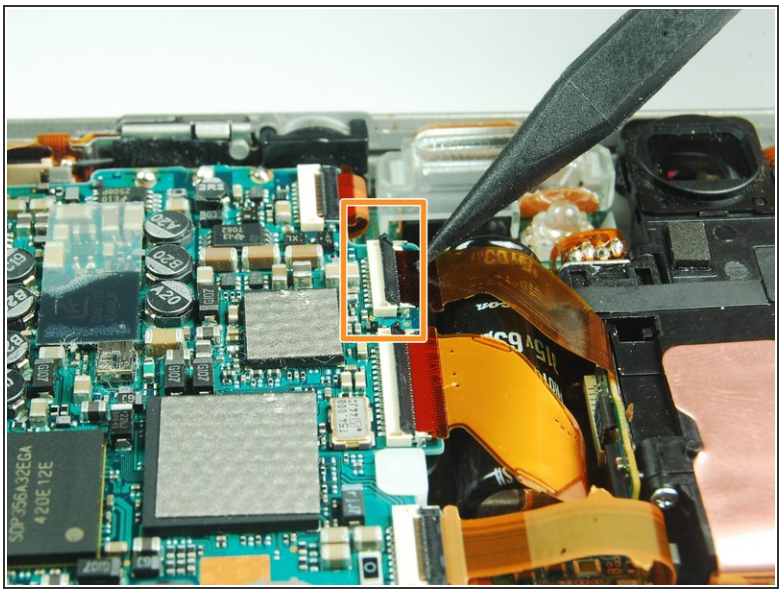
Step 4

- Use hands to gently pry the front casing away from the camera.

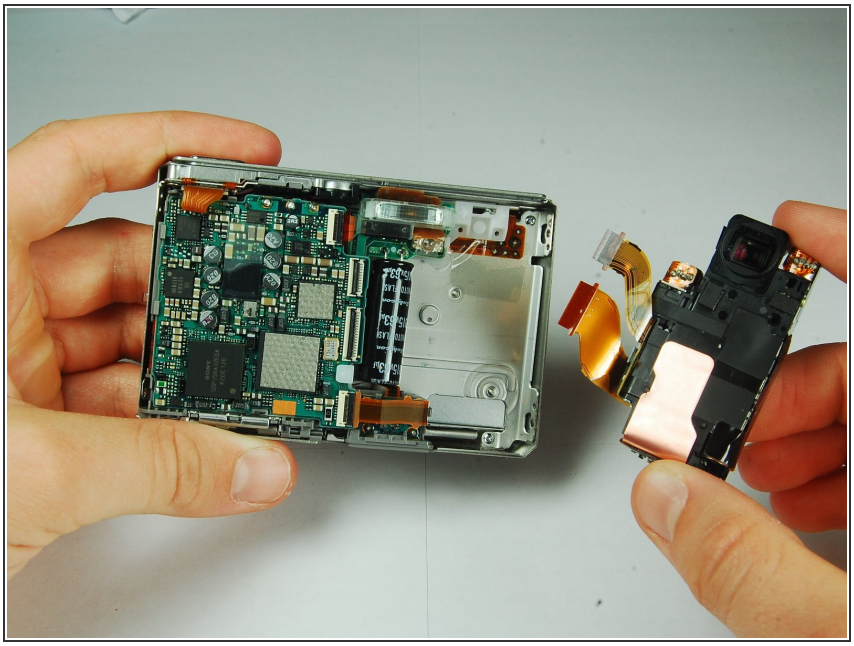
Step 5 — CCD Sensor Module





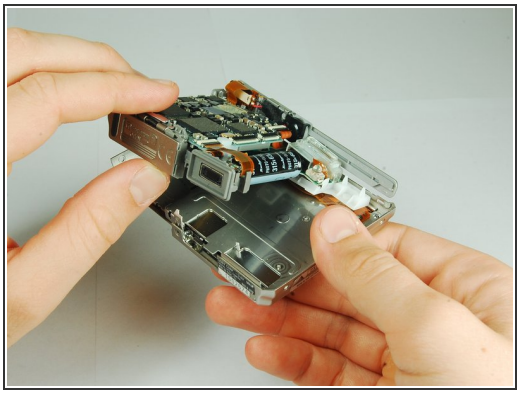
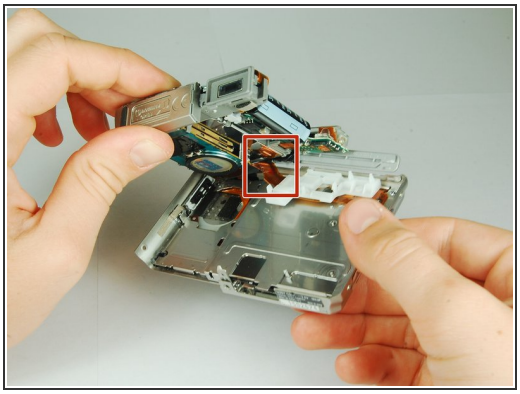
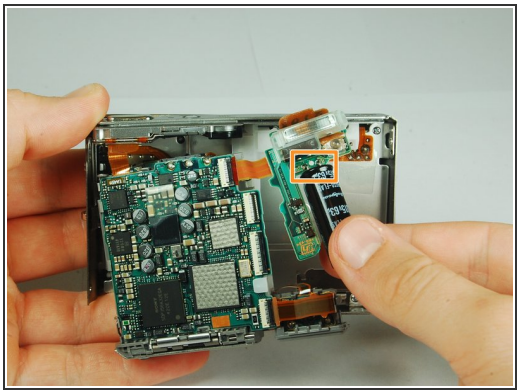
- Use the tip of a spudger to flip up the tab on the ZIF connector securing the motherboard ribbon cable.
- The second picture shows what these tabs look like in their open positions.

Step 6



- Grasp the CCD Sensor Module and remove it.

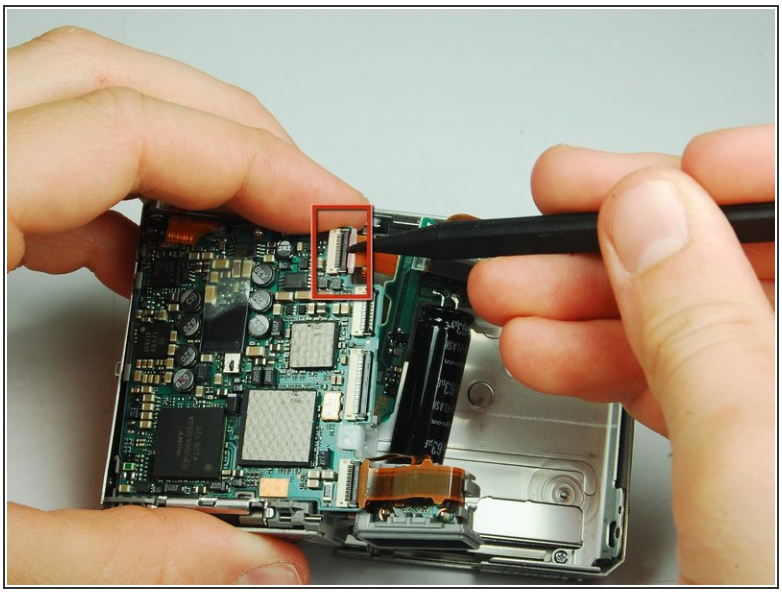
Step 7 — Flash Module

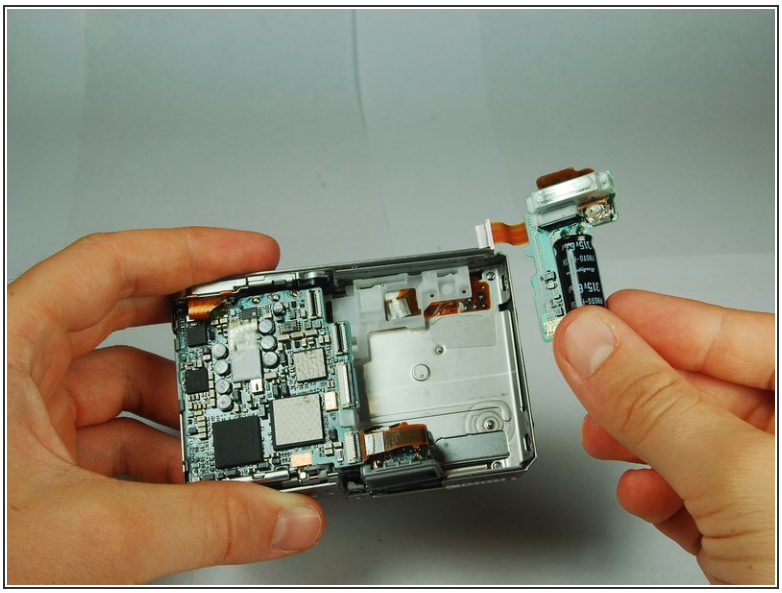




⚠ This camera houses a very strong capacitor (the black cylinder). Avoid touching anything around the two wires coming out of the top. Doing so will risk serious electric shock.

- Carefully disengage the internal components from the casing by lifting at the bottom end and giving a gentle tug.
- The components are still connected to the casing via cables, but they are much more maneuverable.
- The flash module is shown on the right hand side.

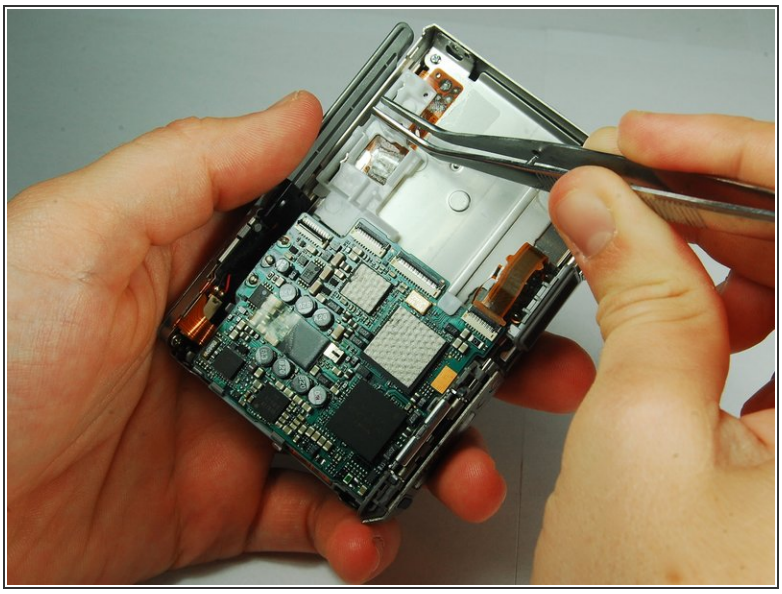
Step 8

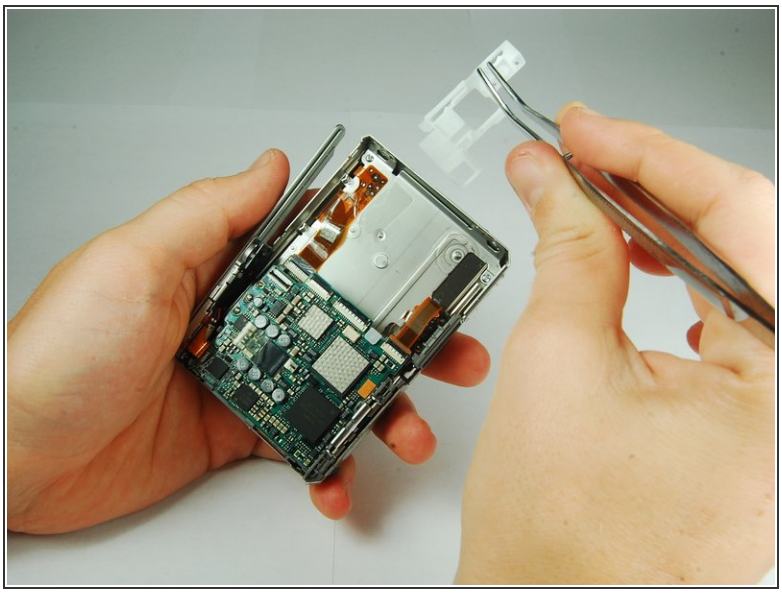




- Use the tip of a spudger to flip up the tab on the ZIF connecter securing the motherboard ribbon cable.
- Grasp the flash module by the bottom and remove it.

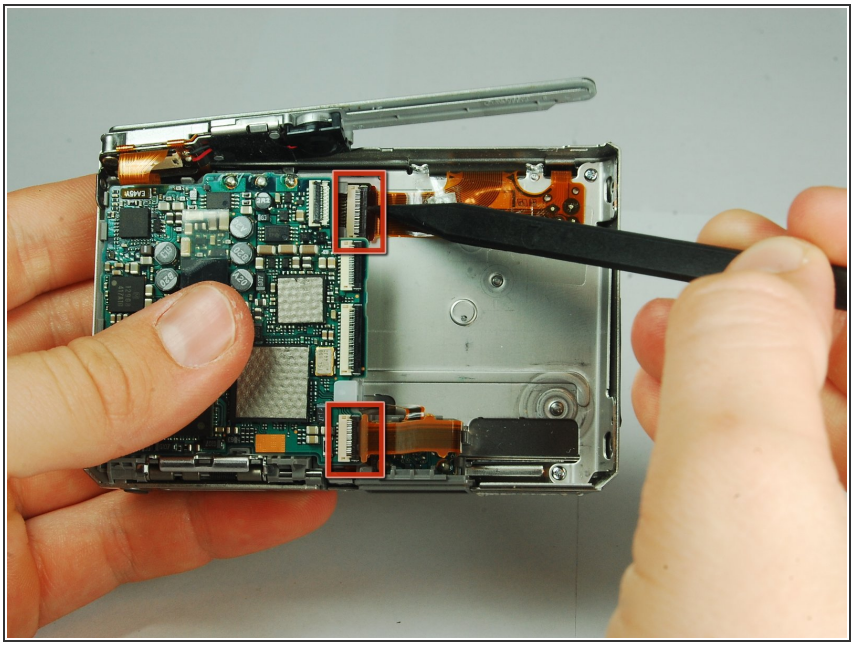
Step 9 — Motherboard Assembly





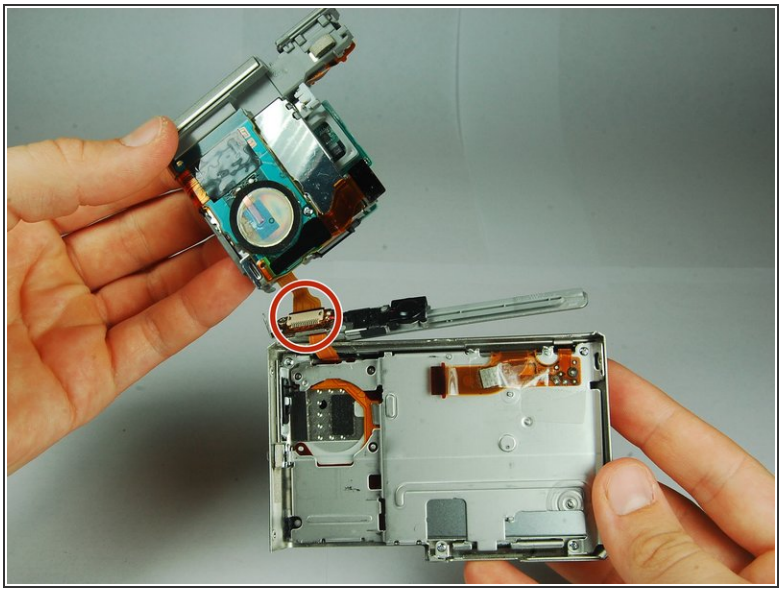
- Use tweezers to slide the white piece on the back of the back cover to the right.
- This will dislodge the white piece, allowing you to remove it from the back cover.

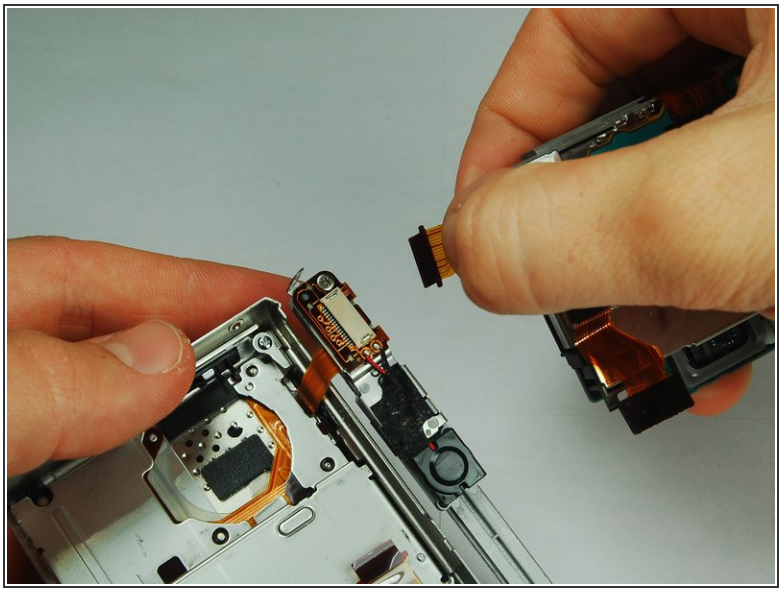
Step 10



- Use the tip of a spudger to flip up the tab on the ZIF connector securing the motherboard ribbon cable.
- Remove the ribbon cables from these two ZIF connectors.

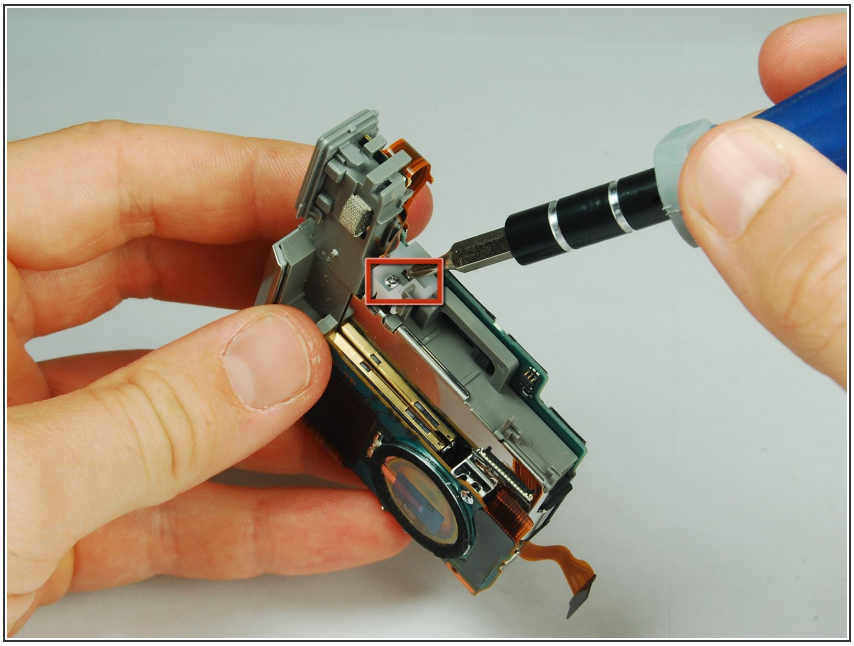
Step 11





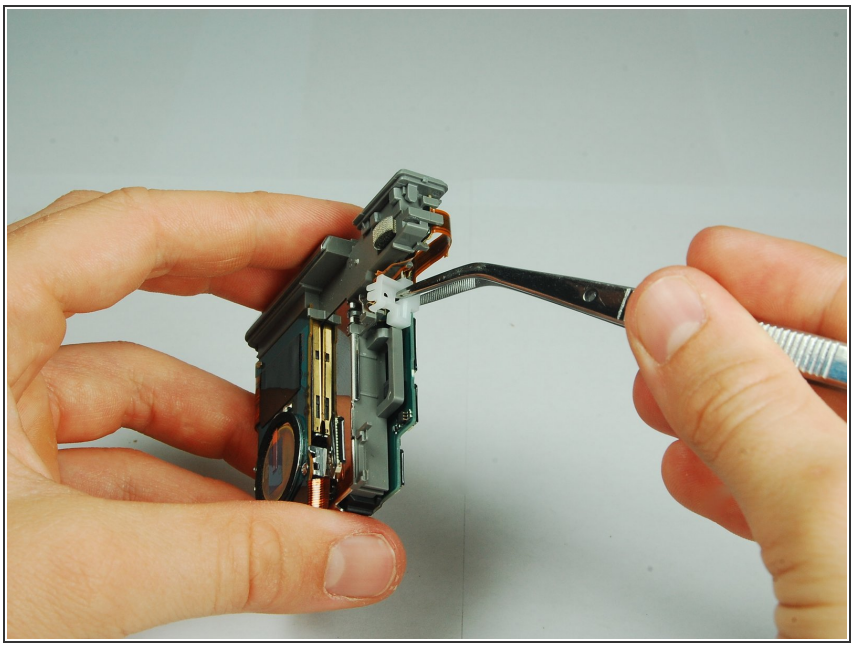
- Lift the motherboard assembly up and rotate it so you can easily see where the internals connect to the back cover.
- Remove the ZIF connectors from the clamp on the left end of the top piece.
- The motherboard assembly is now separated from the back cover.

Step 12 — Motherboard



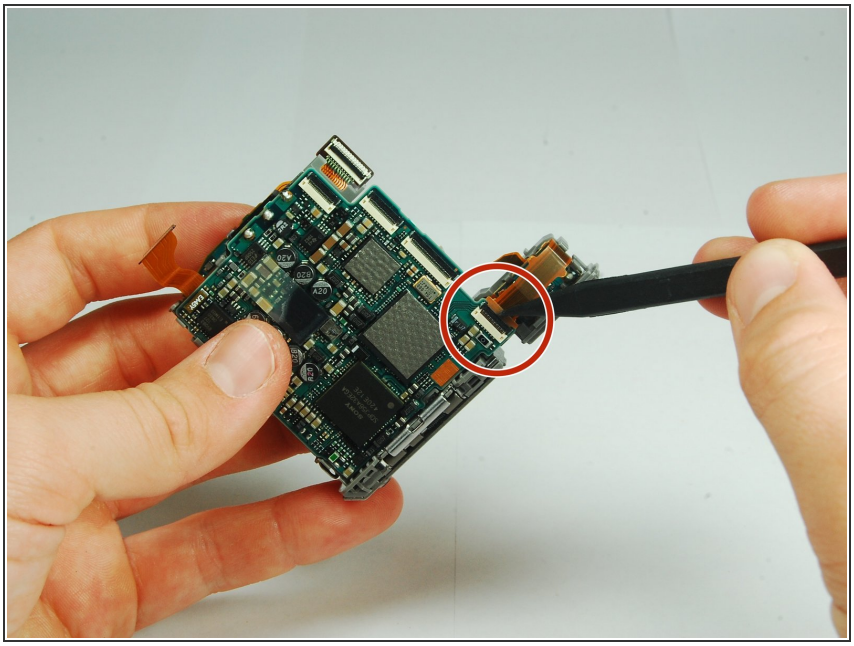
- Locate the screw inside the small white piece on the motherboard assembly.
- Remove this 2.9mm screw using a PH00 screwdriver.

Step 13



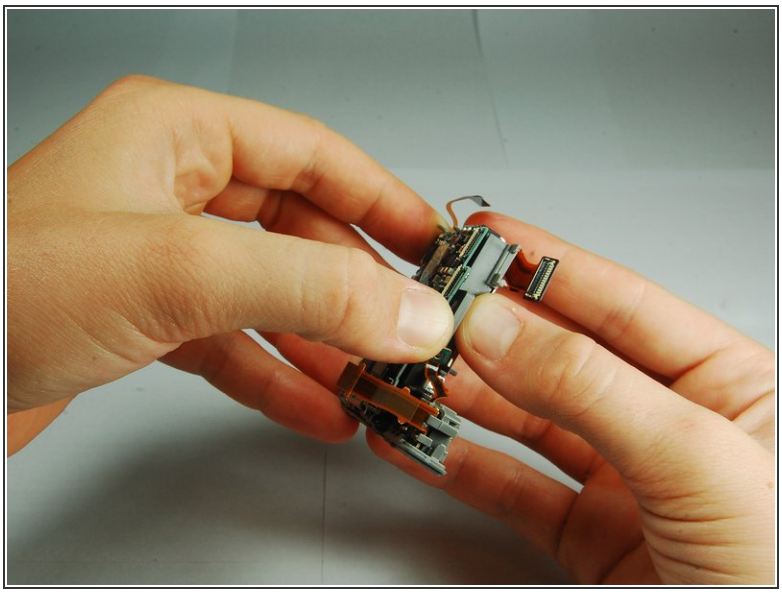
- Use tweezers to remove the small white piece from the motherboard assembly.

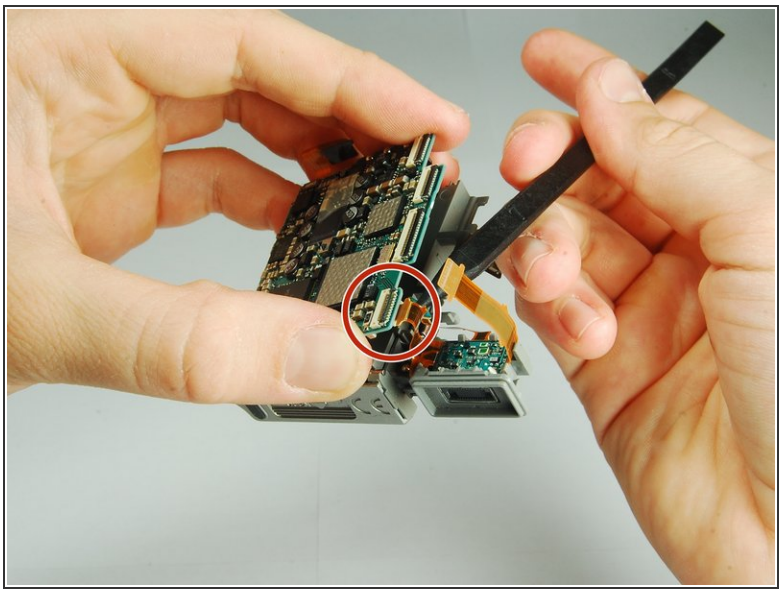
Step 14



- Turn the motherboard assembly over.
- Use a spudger to open the ZIF connector on the motherboard.
- Remove the ribbon cables from the opened clip.

Step 15



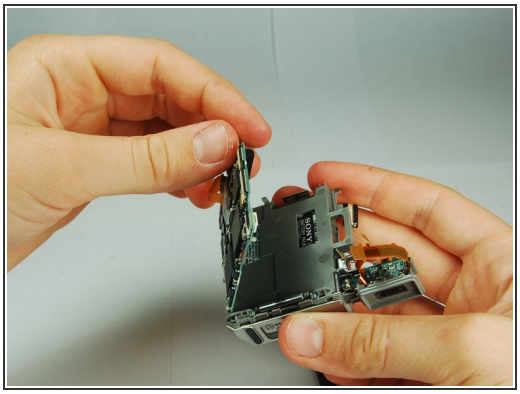


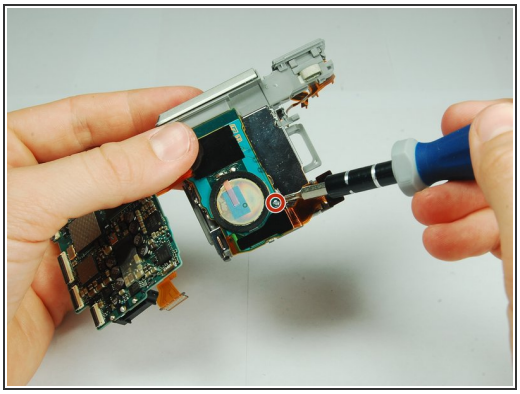
- Pry the motherboard slightly apart form the motherboard assembly.

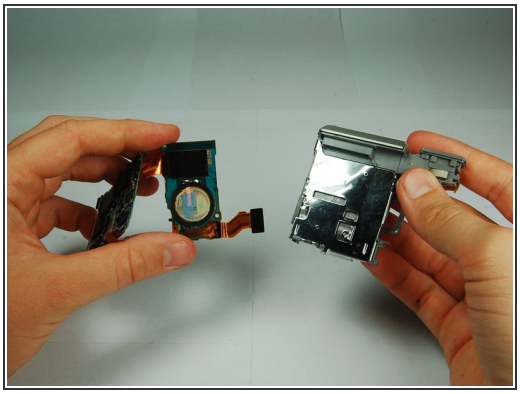
⚠ Be careful while separating the board so that you do not damage the ribbon cables or other components.

- Disconnect the ribbon cable connecting the battery pack to the motherboard.

Step 16







- Pull the motherboard up from the battery pack and flip the motherboard assembly over.
- Use a PH00 screwdriver to remove the 2.9mm screw connecting the speaker to the battery pack.

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

