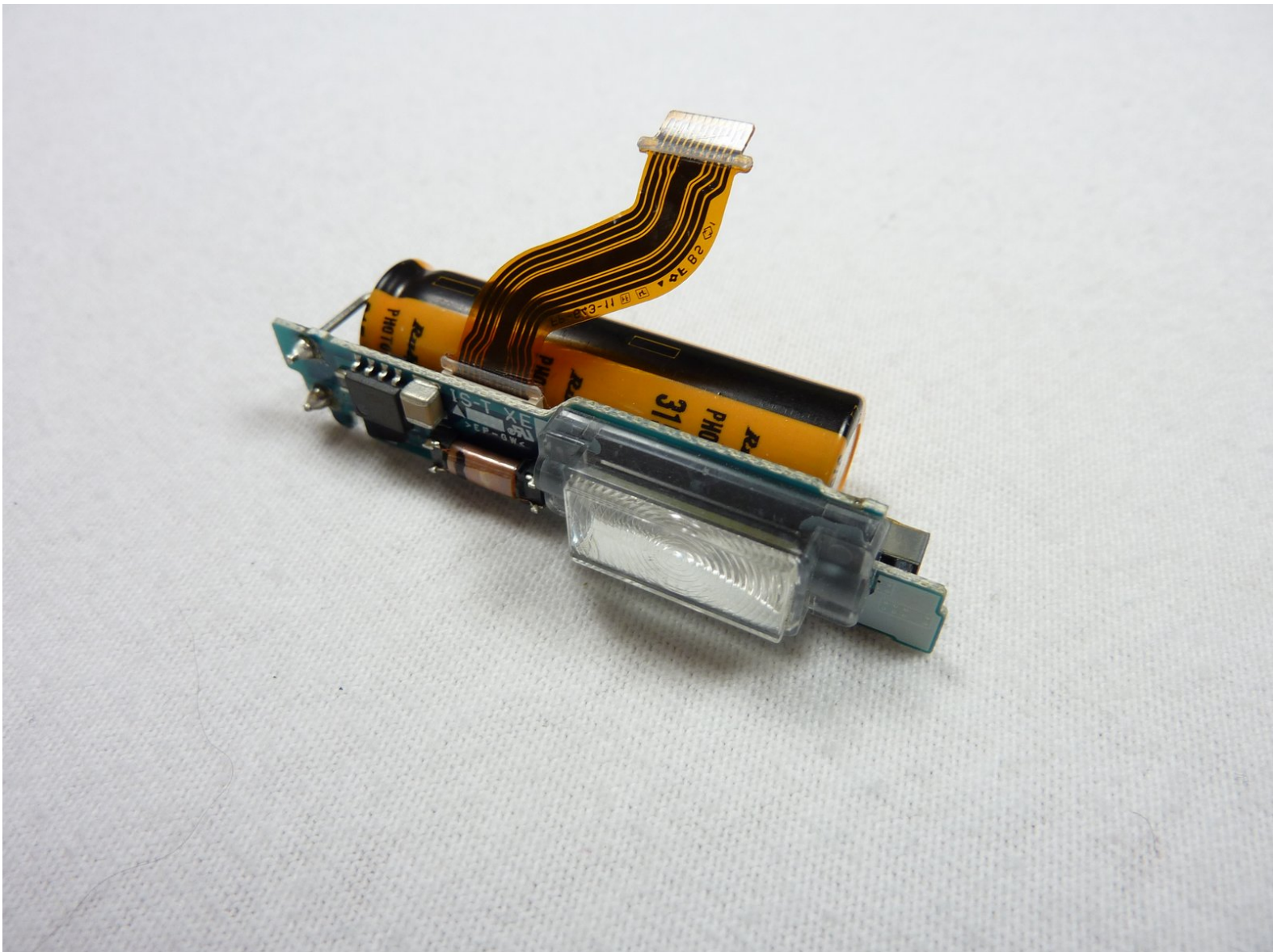![iFixit logo]

Sony Cyber-shot DSC-P52 Flash Unit Replacement

This guide will go explain how to replace the flash unit in the Sony Cybershot DSC-P52.

Written By: Trevor

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INTRODUCTION

The camera will need to be completely disassembled to get to the flash, so only do this as as a last resort.

TOOLS:	PARTS:
• Phillips #0 Screwdriver (1)	• Flash Replacement (1)

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Step 1 — Outer Case

- Open the battery compartment and remove the batteries.
- Remove all of the visible screws on the outside of the case.
- (i) There should be three of them that are all easily located.
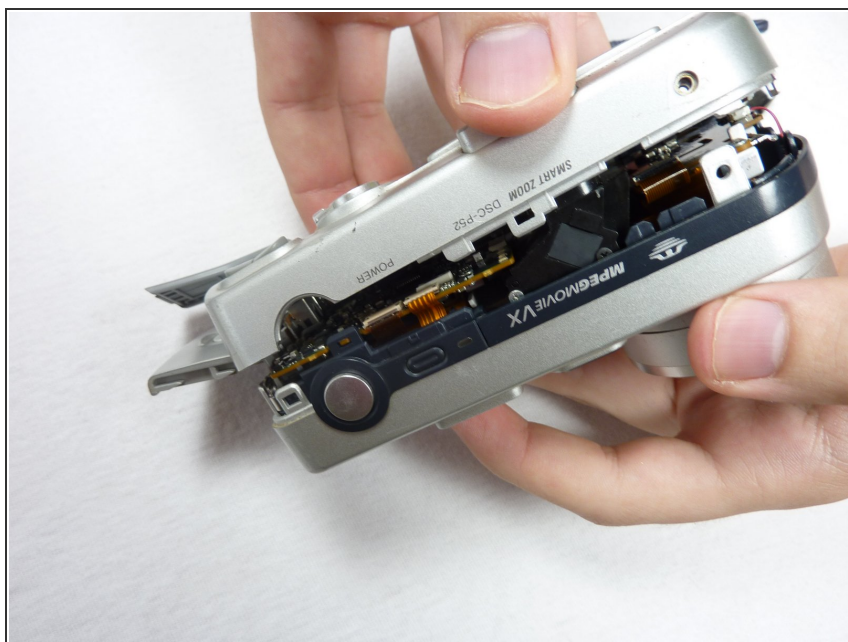
Step 2

- Open the memory card compartment.
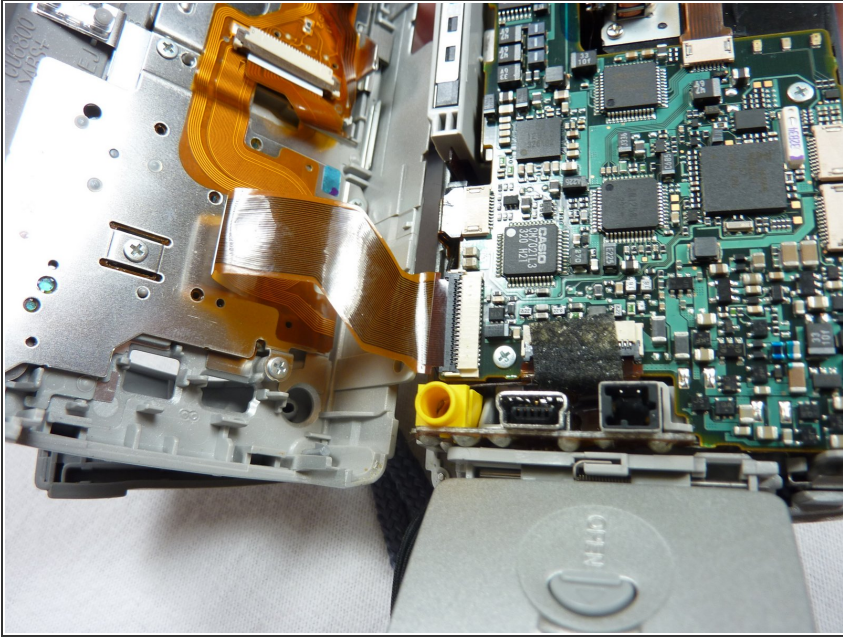- Remove the screw next to the memory card slot.

Step 3

- Pull apart the front and back cover pieces carefully.

- ⓘ The front cover should come completely free with little effort.

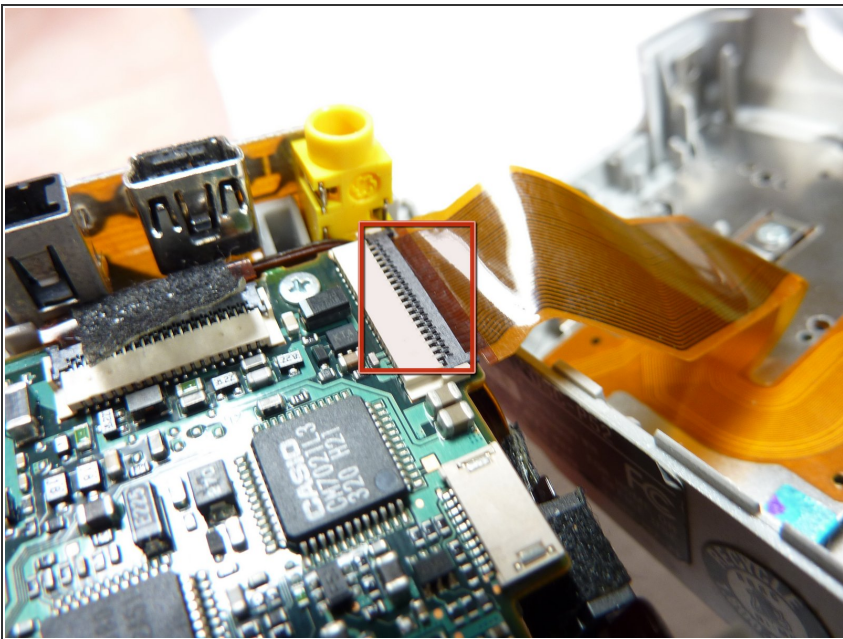- ⓘ The back cover will still be attached to the circuit board.

Step 4

- Simultaneously unclip all of the clips holding in the circuitry. Remove the back case.

- ⓘ The circuitry will still be connected to the back case by ribbon cables.
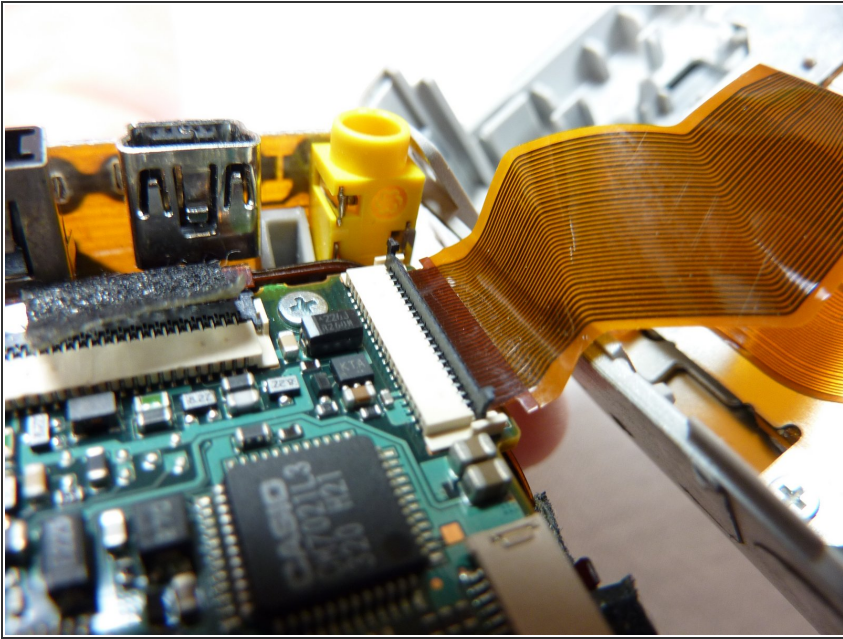
Step 5

● Open the case as shown.

Step 6

● Unclip the clip holding the ribbon cable in.

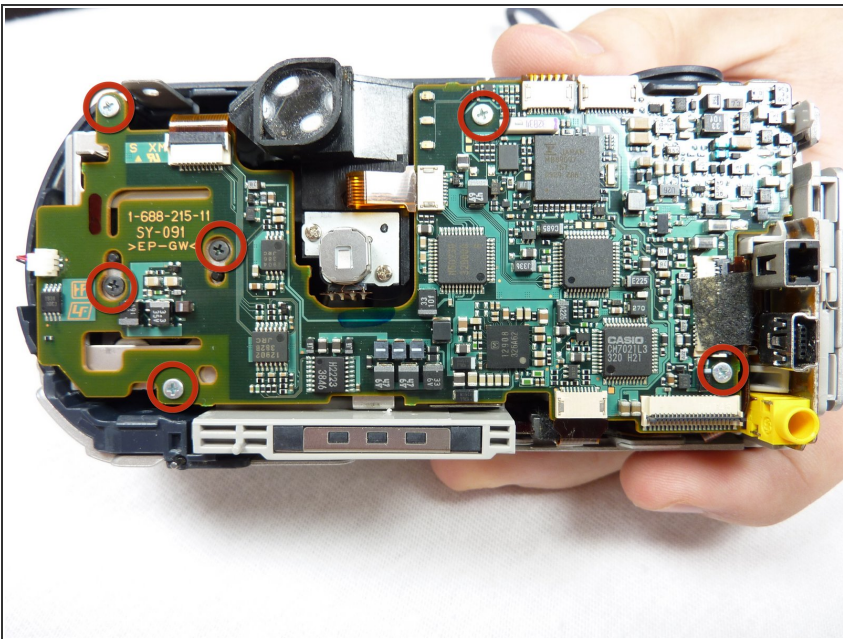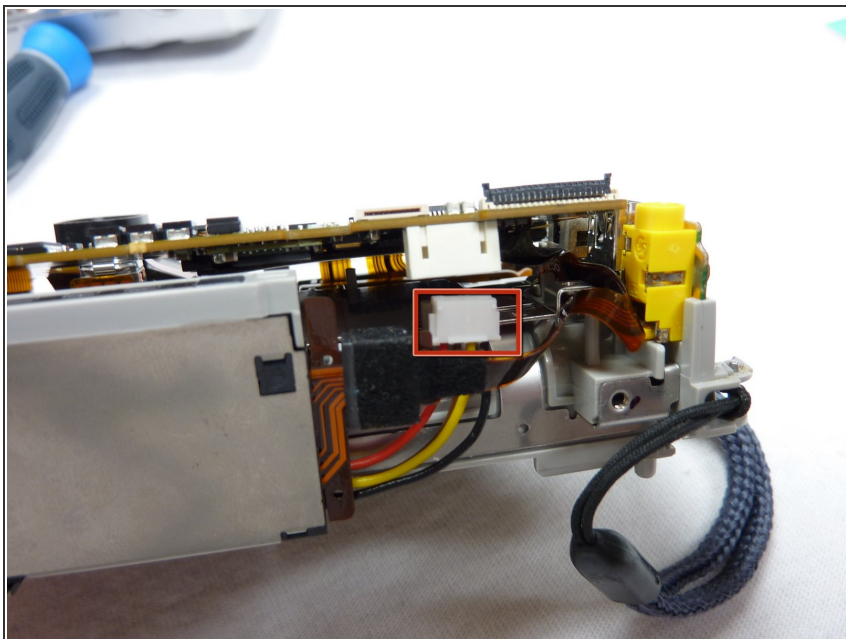ⓘ Other ribbon cables might not have a clips.

Step 7

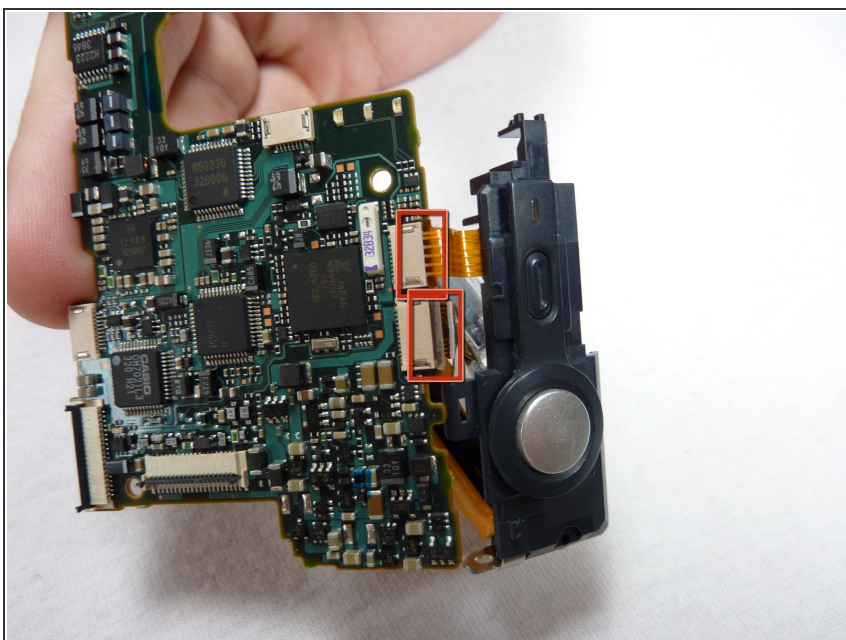- Pull the ribbon cable out.

Step 8 — Motherboard Assembly

- Remove all six screws on the front side of the motherboard circled in the picture.

- Pull the motherboard from the rest of the housing.

- (i) It will still be connected to the flash unit.

Step 9

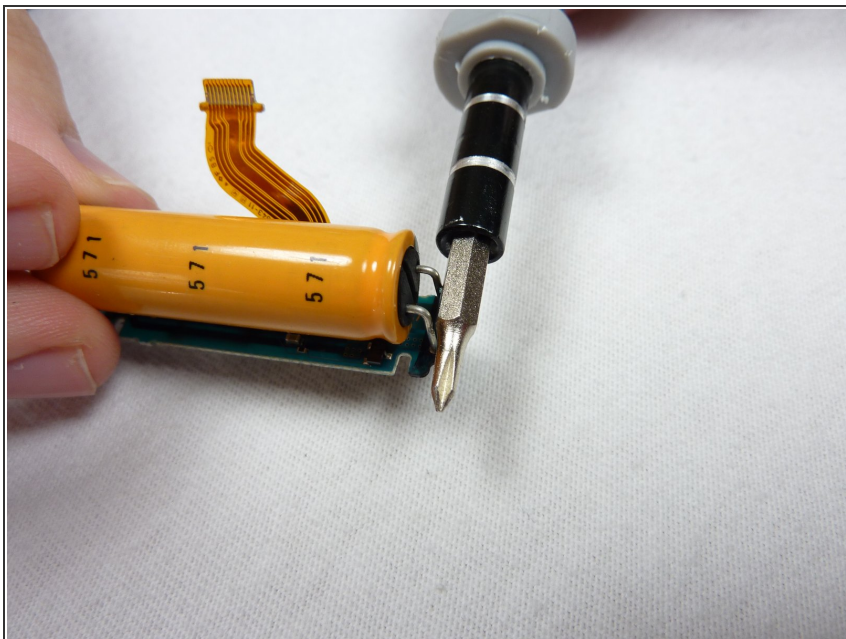- Remove the cable on the back side of the motherboard.

Step 10

- Detach the ribbon cables shown.
- ⚠️ Careful! Touching the leads of the large yellow capacitor can result in a painful shock.
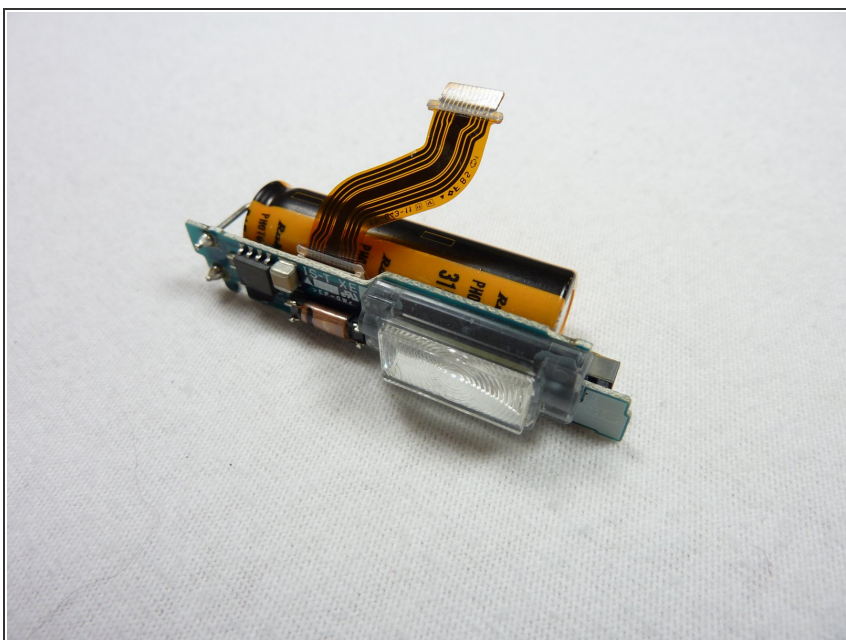- Remove the flash unit from the motherboard.

Step 11 — Flash Unit

- Discharge the yellow capacitor attached to the flash unit by shorting the leads with a screw driver.

- ⚠️ Avoid touching the leads with your hands, as this can result in a painful shock.

Step 12

- Replace the flash unit.

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

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