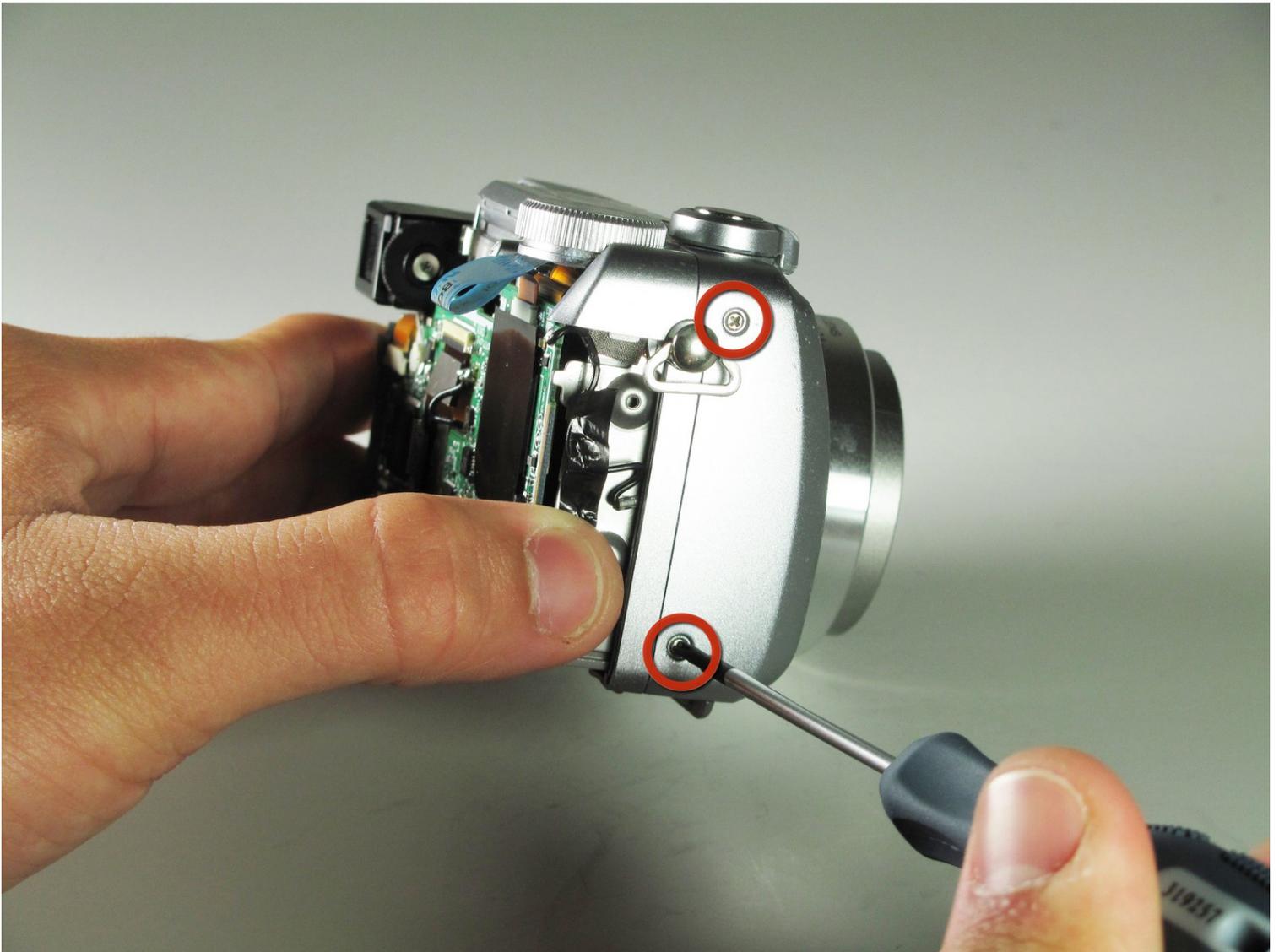




# Olympus C-765 Flash Assembly Replacement

This guide will demonstrate how to deconstruct...

Written By: Mason Morgan



# INTRODUCTION

This guide will demonstrate how to deconstruct the Olympus C-765 in order to replace the flash assembly. You will be required to access the motherboard, gently handle interior components, and use a soldering iron.

## TOOLS:

Soldering Iron 60w Hakko 503F (1)

Tweezers (1)

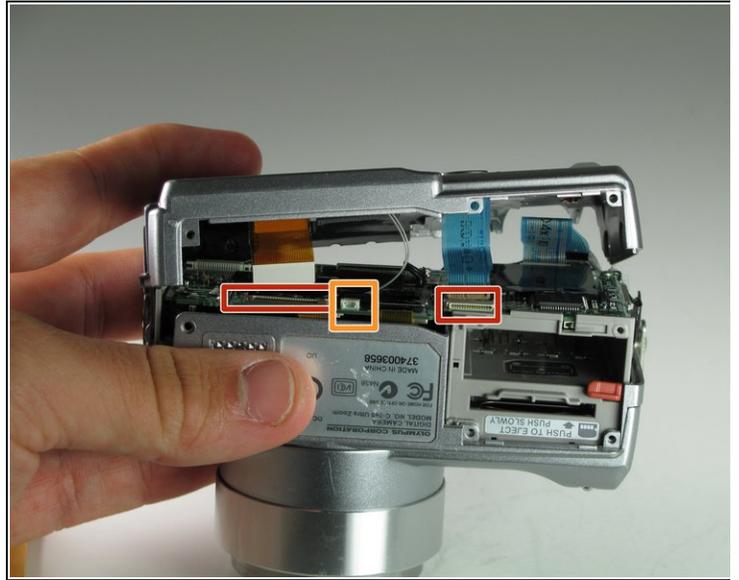
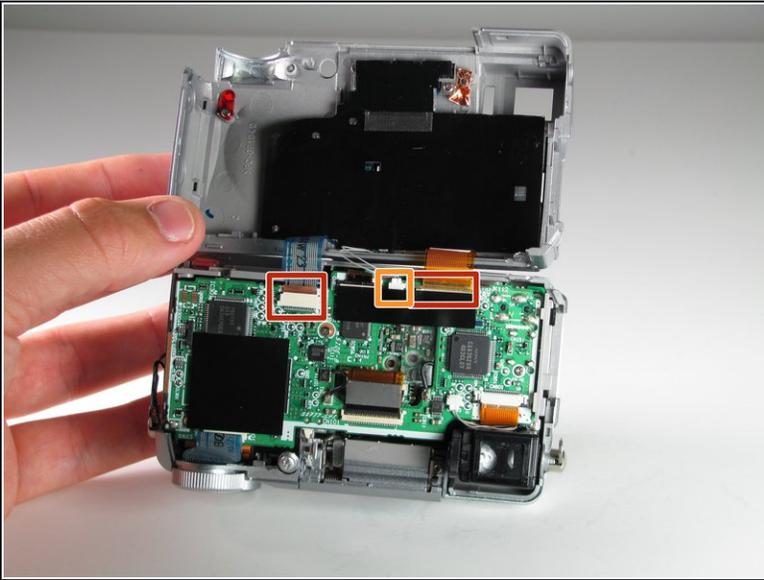
Phillips #00 Screwdriver (1)

## Step 1 — Motherboard



- Use a Phillips #00 screwdriver to remove the single 4mm screw located directly to the right of the viewfinder on the back of the camera.
- Remove the two 2mm screws from the left side panel.
- Remove the single 3mm screw from the right side panel.
- Remove the five 3mm screws from the bottom of the camera.

## Step 2



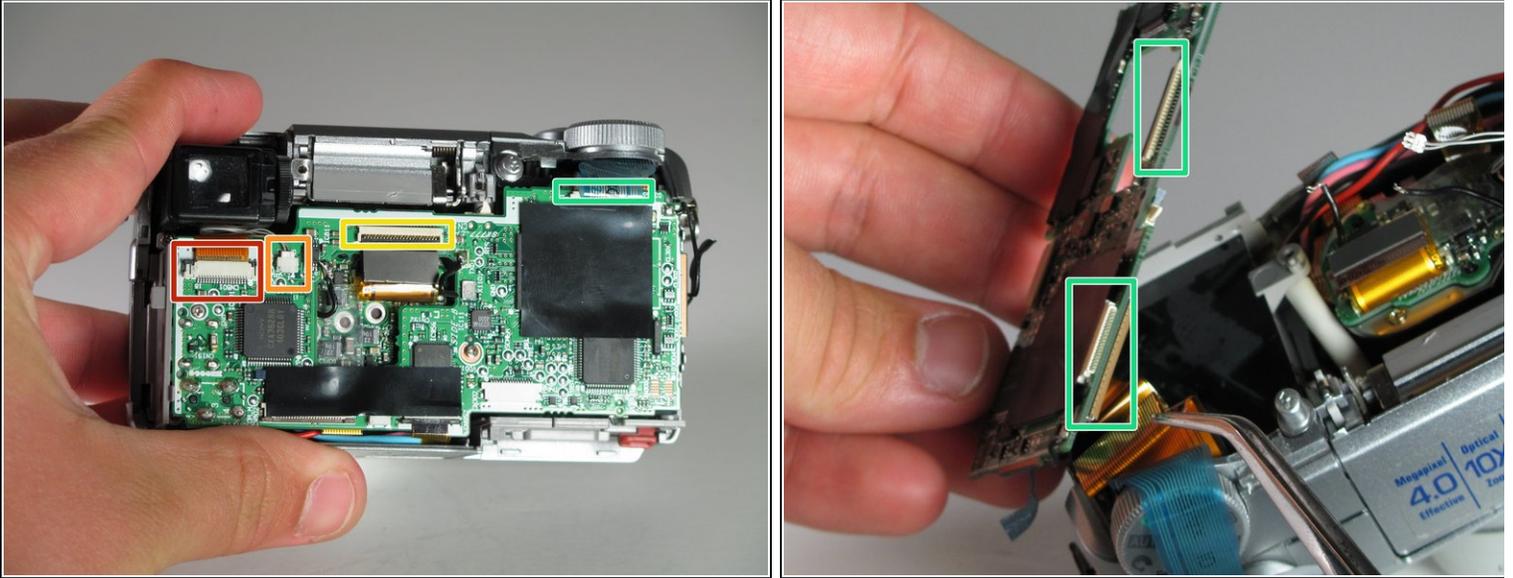
- Rock the two ribbon cables gently out of their sockets.
- ⓘ For more on disconnecting ribbon cables, look [here](#).
- Grasp and pull the white cable out of its clip with metal tweezers.
- Remove the back panel completely.

## Step 3



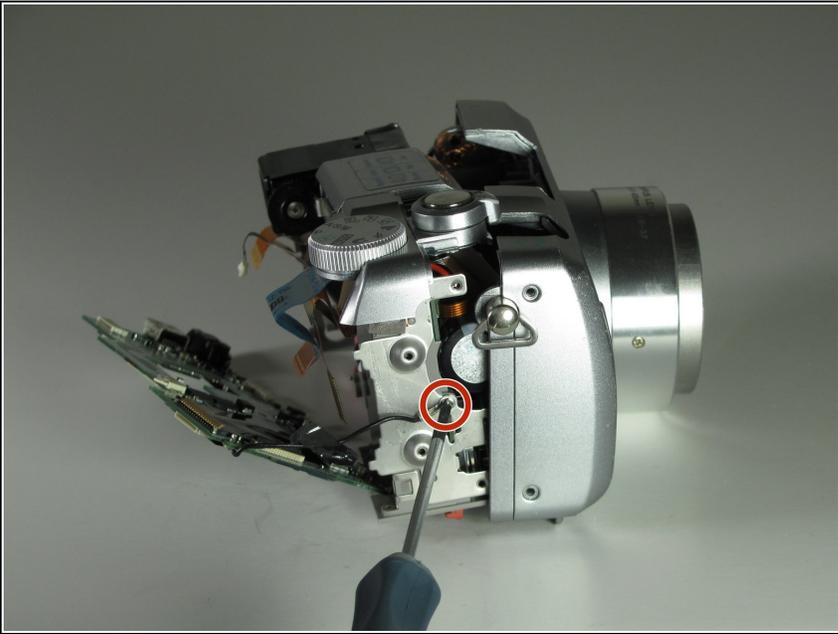
- Peel off the black plastic sheets.
- Use the Phillips #00 screwdriver to remove the two 3mm screws holding the motherboard in place.

## Step 4



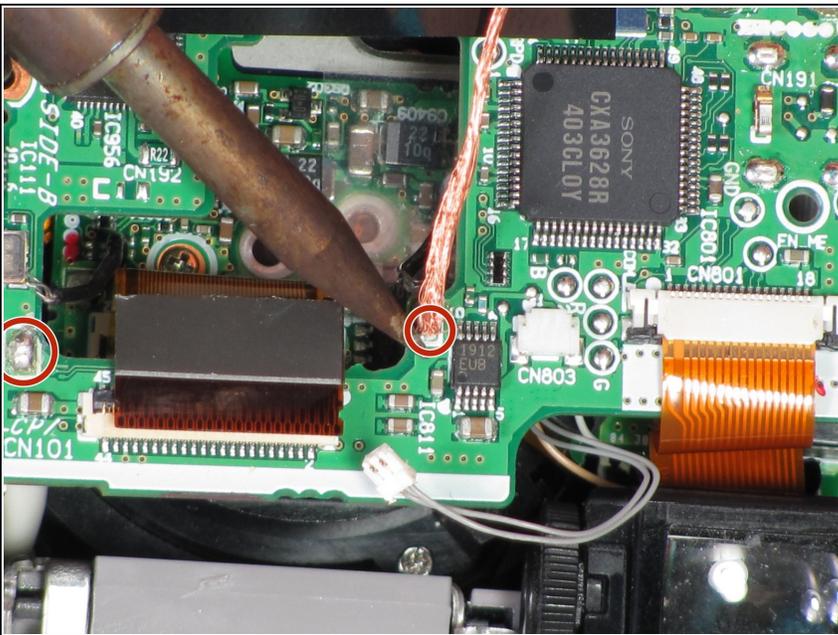
- Remove the ribbon cable directly below the viewfinder.
  - Detach the white plastic clip from its socket with a pair of tweezers.
  - Disconnect the ribbon cable from the center of the board, near the central hole.
  - Disconnect the three ribbon cables from the top right of the motherboard, near the selector wheel. One is on the top of the board, and the other two are on the underside.
- ⓘ For more information on disconnecting ribbon cables, look [here](#).

## Step 5



- Remove the single 3mm ground screw attached to the right side of the camera body using the Phillips #00 screwdriver.

## Step 6



- Use the soldering iron to desolder the connections from the motherboard.
- ⓘ For more information on desoldering, look [here](#).
- ⚠ When soldering, avoid touching any of the other components with the soldering iron to prevent damage to the motherboard.

## Step 7



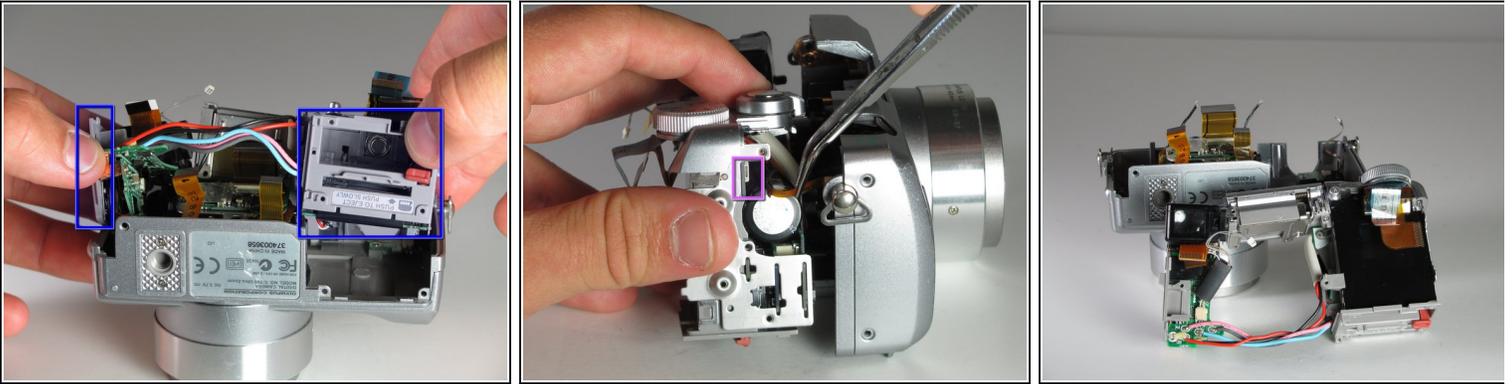
- Remove the motherboard from the camera.

## Step 8 — Flash Assembly



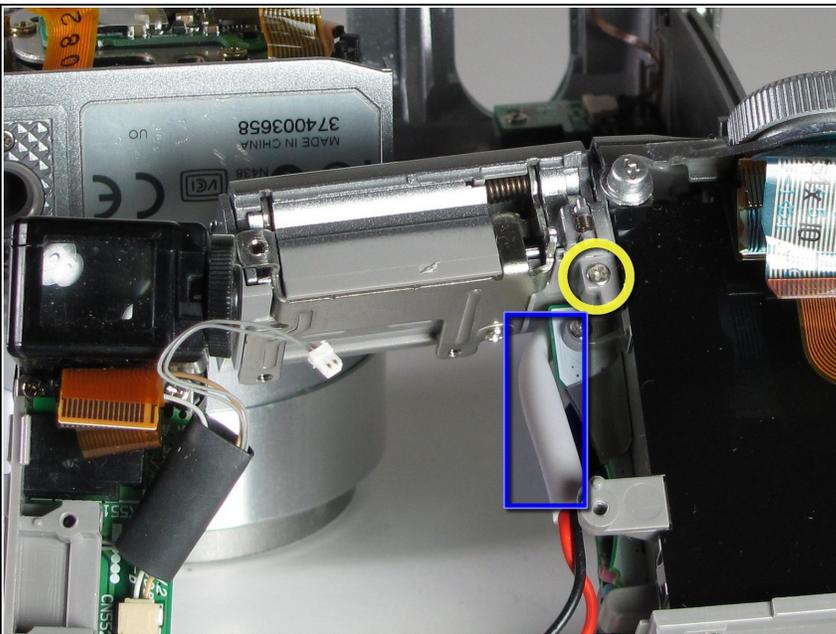
- In order to access the flash assembly, you need to remove several interior components from the body of the camera.
  - With a [Phillips #00](#) screwdriver, unscrew the two 3mm screws from the right side of the casing.
  - Raise the flash by pressing the shutter button or lifting the flash up with your fingers to access the two body screws underneath.
  - Using the [Phillips #00](#) screwdriver, unscrew the two 3mm screws by twisting counterclockwise.

## Step 9



- Gently pull the battery casing and the A/V ports away from the camera body to remove the connected components.
- Using [ESD Safe Blunt Nose Tweezers](#), gently remove the small ribbon cable from the right side of the casing

## Step 10



- With a [Phillips #00](#) screwdriver, unscrew the 3mm screw holding the flash assembly in place by twisting counter-clockwise.
- Cut the wires running out from the flash assembly. When installing the new flash assembly, splice the new wires into the preexisting wires.
- The camera is now ready for you to install a new flash assembly.

**⚠ Be cautious when handling the flash capacitor; it still carries a charge that could shock you or fry the boards.**

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

