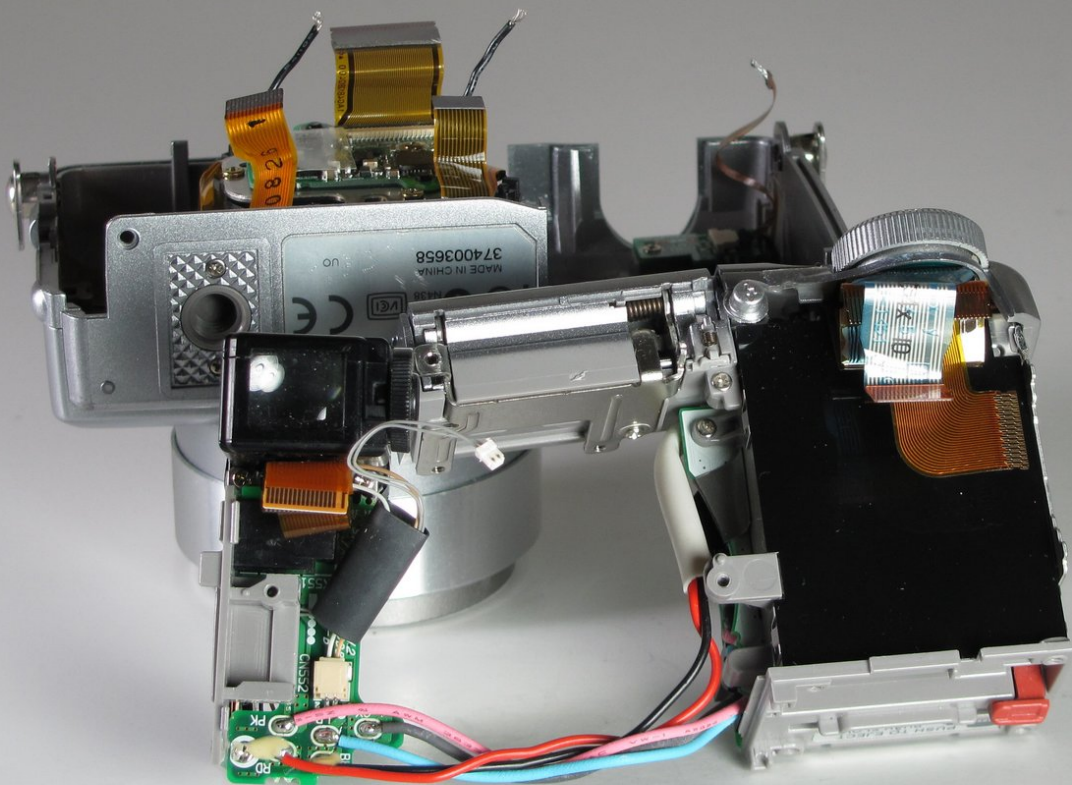




# Olympus C-765 Flash Assembly Replacement

Replacing the flash in the event where it is no longer functions correctly or has broken off

Written By: Mason Morgan



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## INTRODUCTION

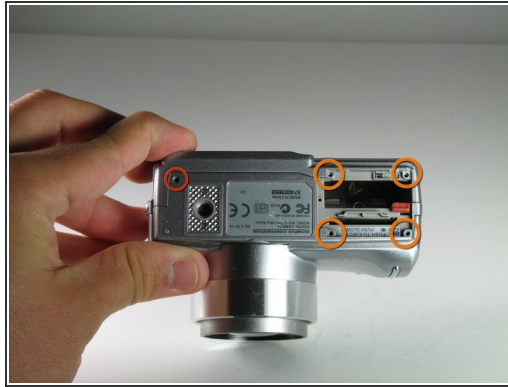
Replacing the flash assembly, includes going deep into the camera, and taking out the logic board requiring soldering and other technical aspects.

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### TOOLS:

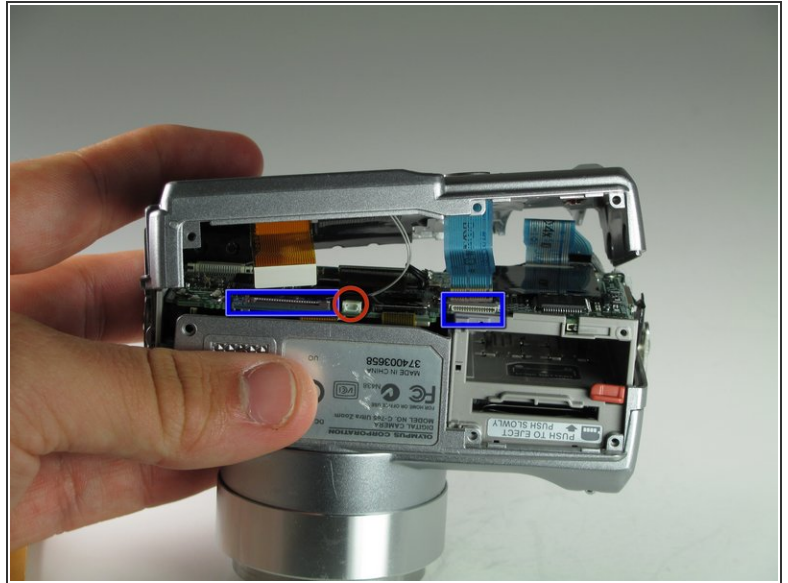
- [Phillips #00 Screwdriver](#) (1)
-

## Step 1 — Mother Board



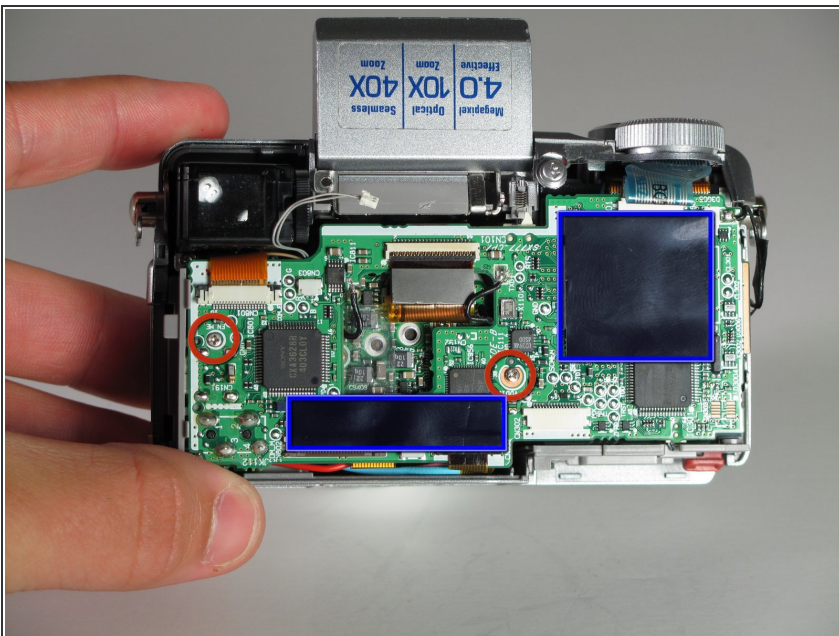
- Remove all of the screws that hold the back plate in place.
    - Unscrew the 4mm screw that is directly to the right of the viewfinder.
  - On the base,
    - Unscrew the 3mm screw in the top left corner.
    - Unscrew all four 3mm screws under the battery cover.
  - Unscrew the 3mm screw on the right side panel.
  - Unscrew the two 2mm screws on the left side panel.
- ⓘ The bullets apply to the three pictures on the step.

## Step 2



- Now remove the back panel completely.
  - Gently rock the 2 ribbon cables from their sockets.
  - With metal tweezers, grasp and pull white cable out of its clip.

## Step 3




- On the surface of the board,
  - Peel off the plastic sheets on the board.
  - Unscrew 2-3mm from the board itself.

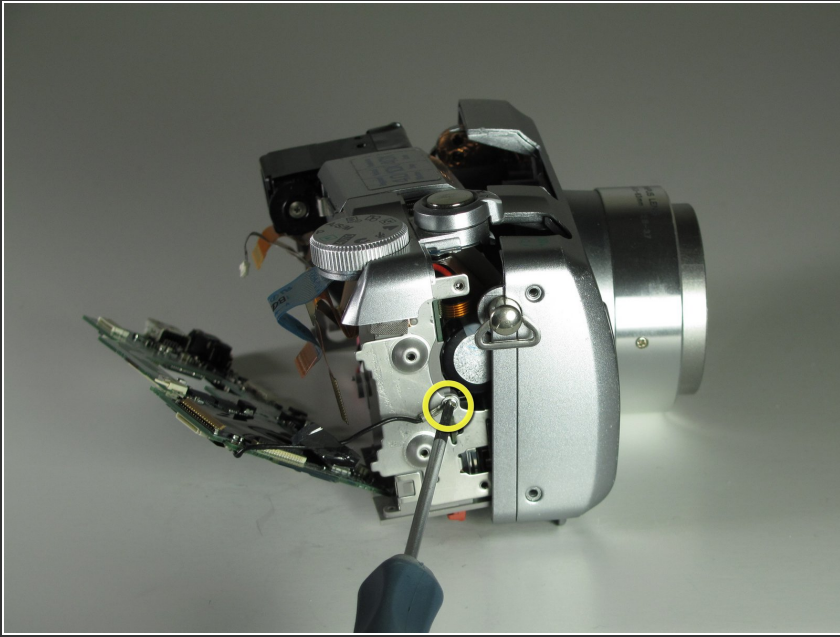


## Step 4



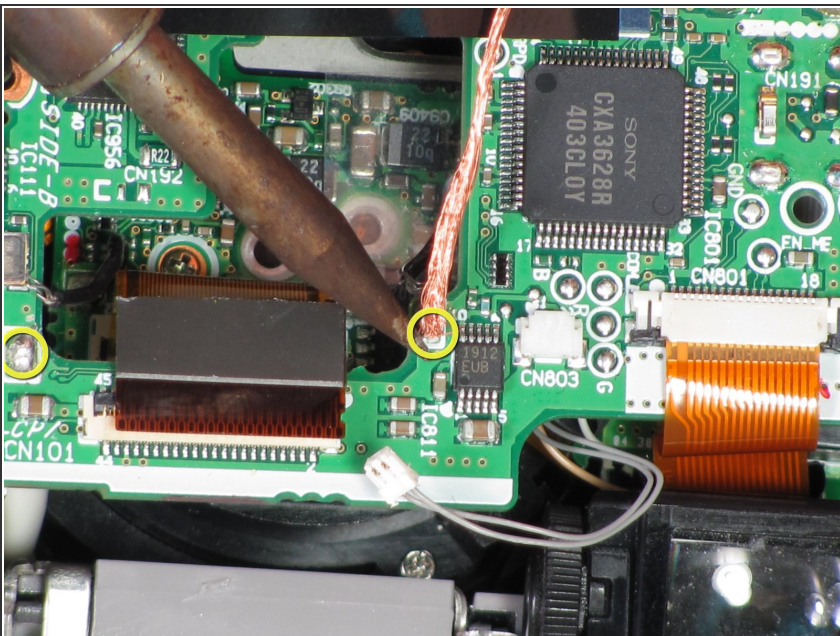
- Loosen the ribbon cables from the board.
    - 1-Directly below the viewfinder.
    - 2-At the Base of the board.
    - 3-At the top right near the selector wheel. 1 on top of the board 2 on the underside.
    - 1-The center of the board, above the central hole.
  - With metal tweezers, remove the two white plastic clips from their sockets one on the base of the board and the other on the surface.
-  The bullets apply to the three pictures on the step.

## Step 5



- Remove the single 3mm ground screw attached to the camera body

## Step 6



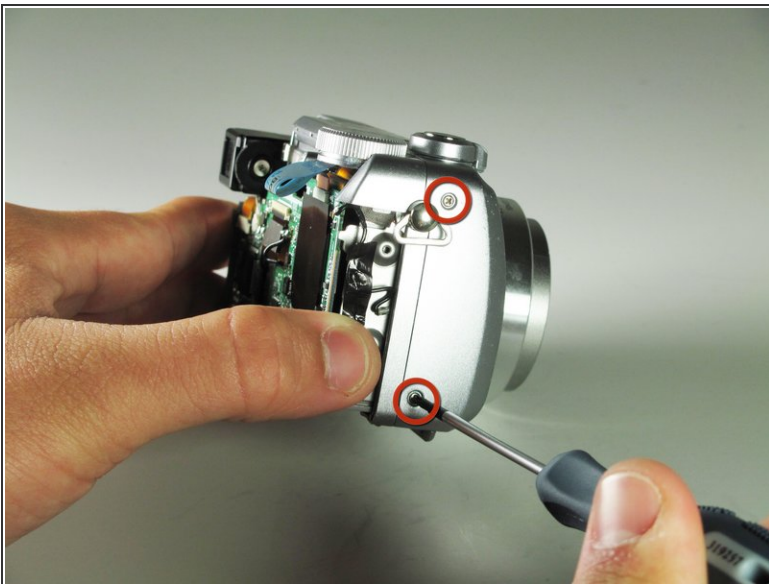
- The mother board has two solder connections that need to be undone to remove the board
- ⚠ Don't attempt to unsolder the joints without previous knowledge of soldering
- ⚠ When soldering avoiding touching any other components with the iron

## Step 7



- Once we have the mother board removed it can be replaced with a new board.
- ⓘ While the mother board is removed it is possible to get further into the camera itself to make more repairs.

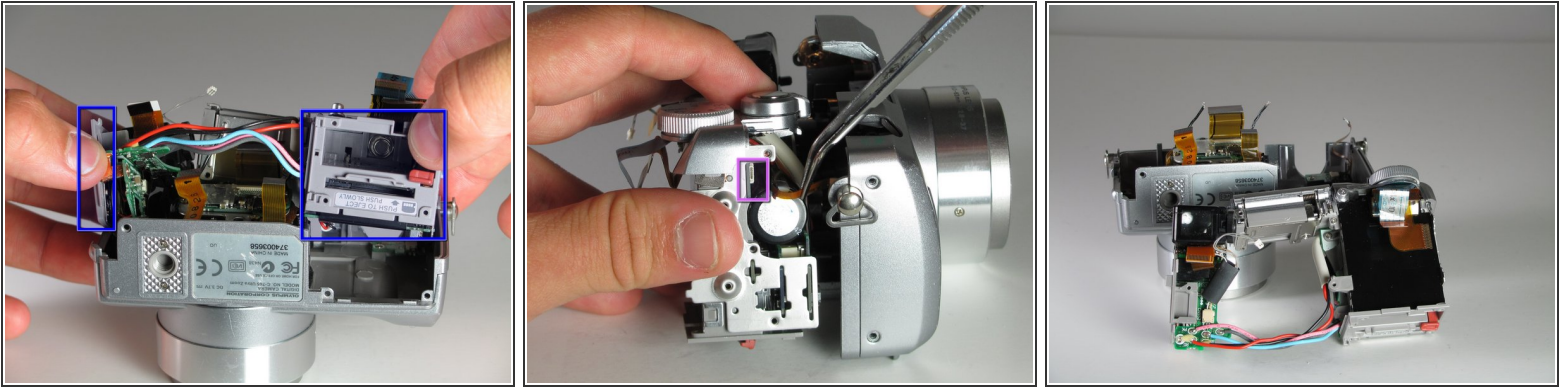
## Step 8 — Flash Assembly



- Now we remove the bulk of the cameras components from the front of the case
  - Unscrew the 2-3mm Screws from the right side of the casing
- Pop the flash up, to get access to the two body screws underneath
  - Undo the 2-3mm screws

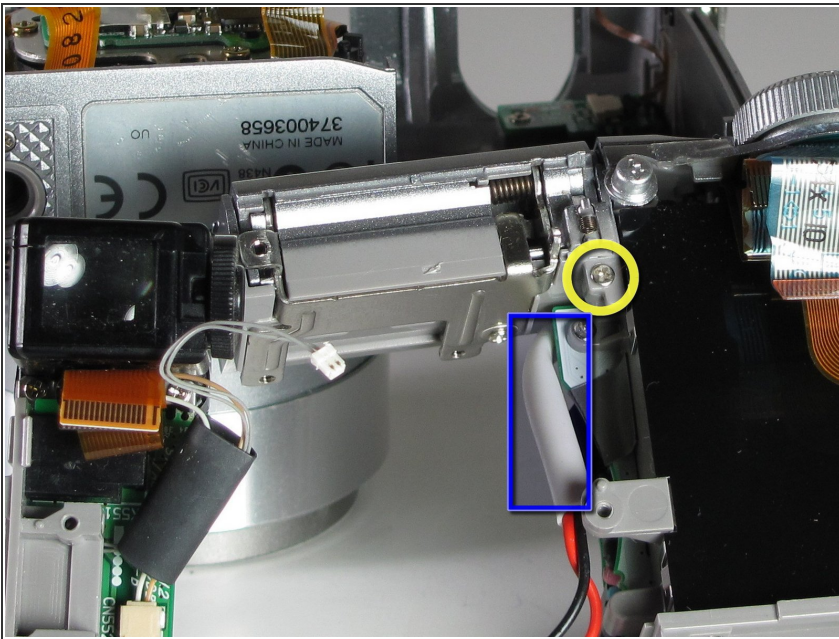


## Step 9



- Gently pull on the battery casing and the A/V ports to remove the connected components
- Remove the small ribbon cable, from the right side of the casing

## Step 10



- Unscrew the 3mm screw holding the flash in place
  - The wires running out of the flash will need to be cut and then the new flash unit spliced into the preexisting wires.
  - Now you can replace the entire flash assembly.
- ⚠ Beware of the flash capacitor; it still carries a good amount of charge that could shock you or fry the boards

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