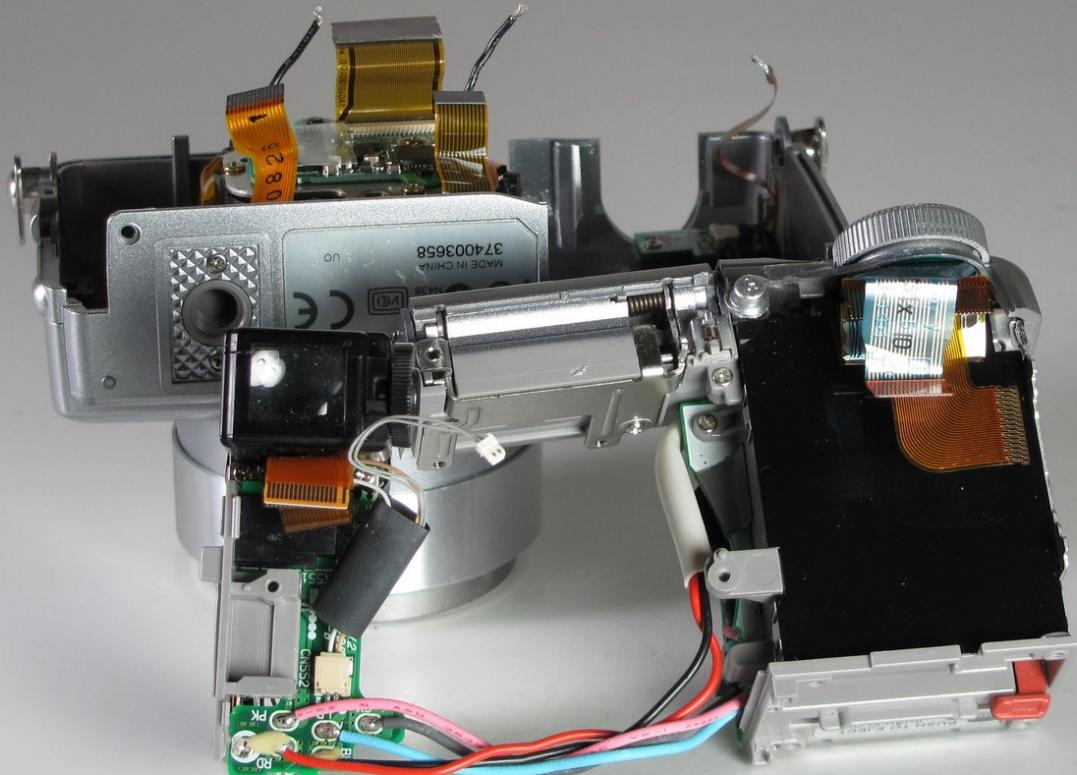




Olympus C-765 Flash Assembly Replacement

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

Written By: Mason Morgan



INTRODUCTION

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

TOOLS:

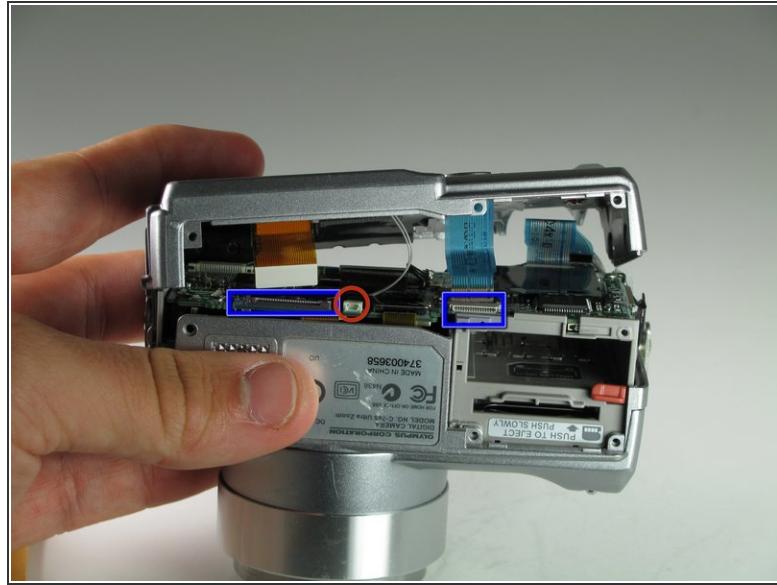
- **Phillips #00 Screwdriver (1)**

Step 1 — Mother Board



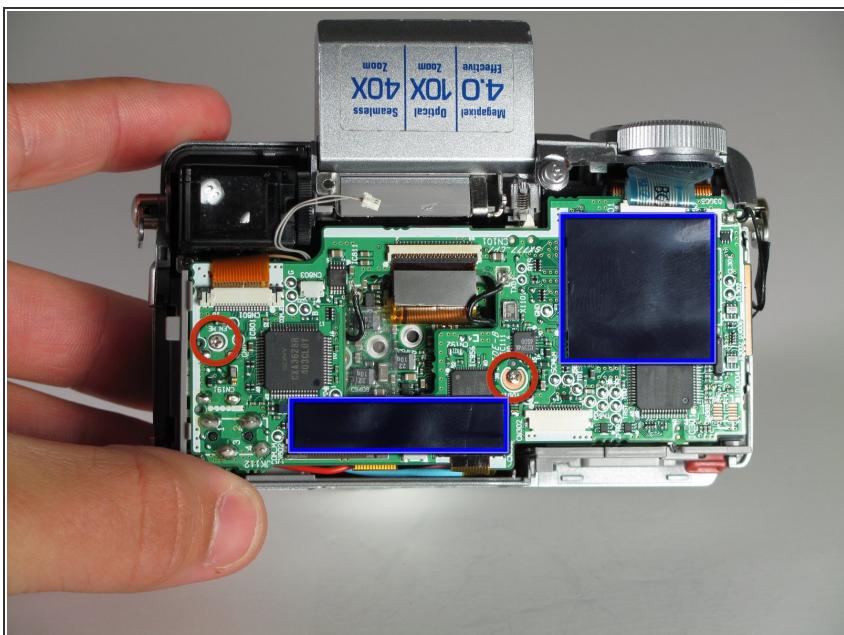
- Remove all of the screws that hold the back plate in place.
 - Unscrew the 4mm screw that is directly to the right of the viewfinder.
 - On the base,
 - Unscrew the 3mm screw in the top left corner.
 - Unscrew all four 3mm screws under the battery cover.
 - Unscrew the 3mm screw on the right side panel.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

Step 2



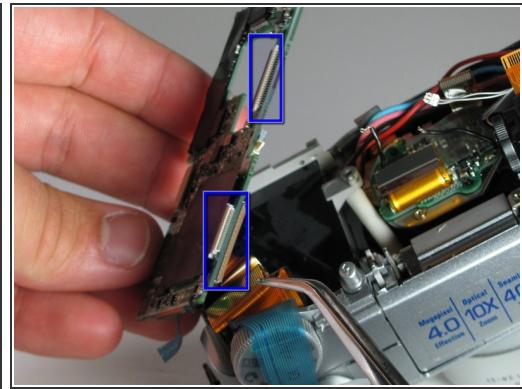
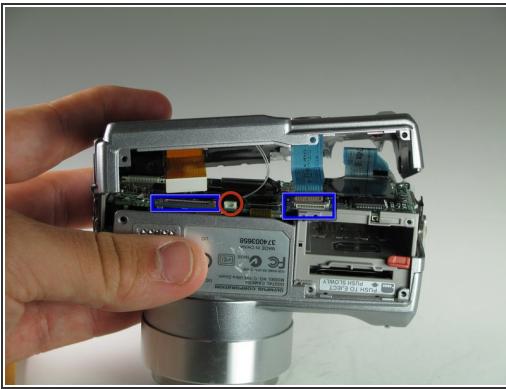
- Now remove the back panel completely.
 - Gently rock the 2 ribbon cables from their sockets.
 - With metal tweezers, grasp and pull white cable out of its clip.

Step 3



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

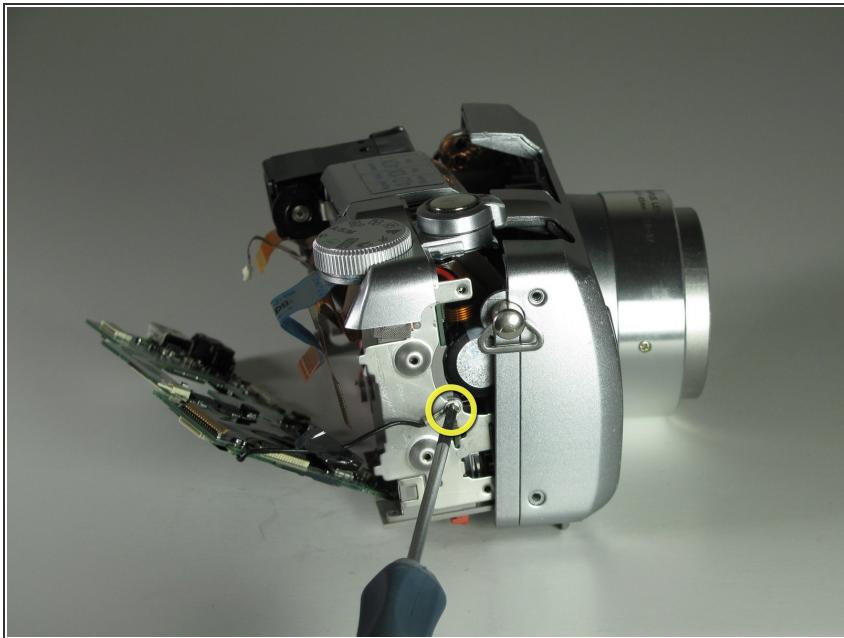
Step 4



- 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.

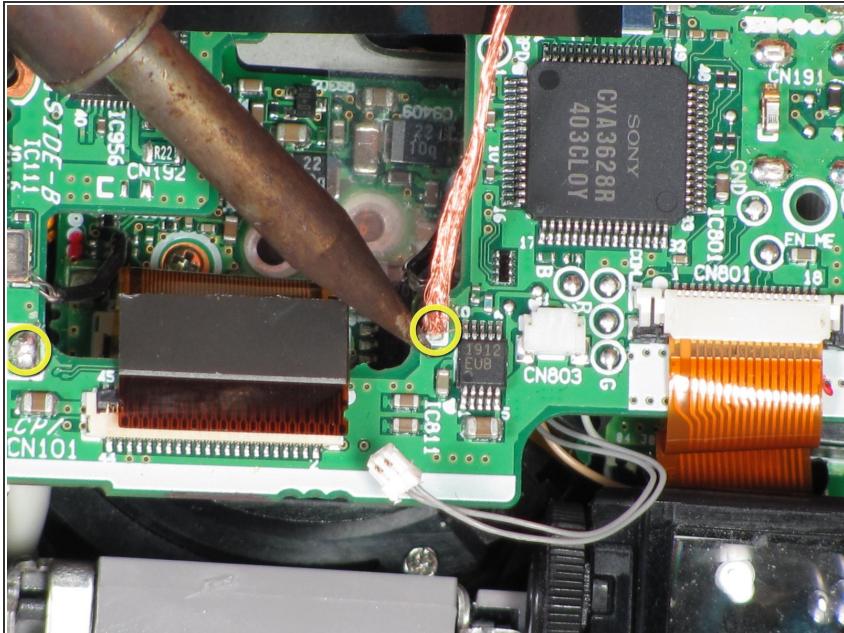
(i) The bullets apply to the three pictures on the step.

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

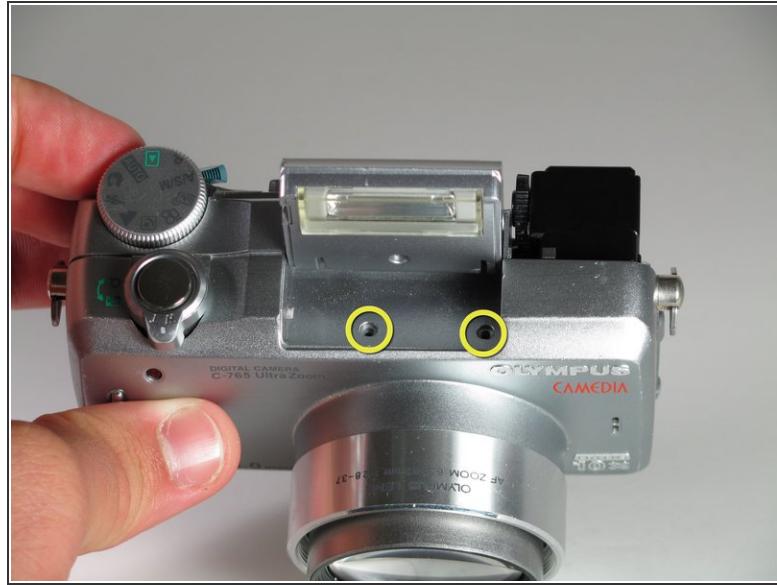
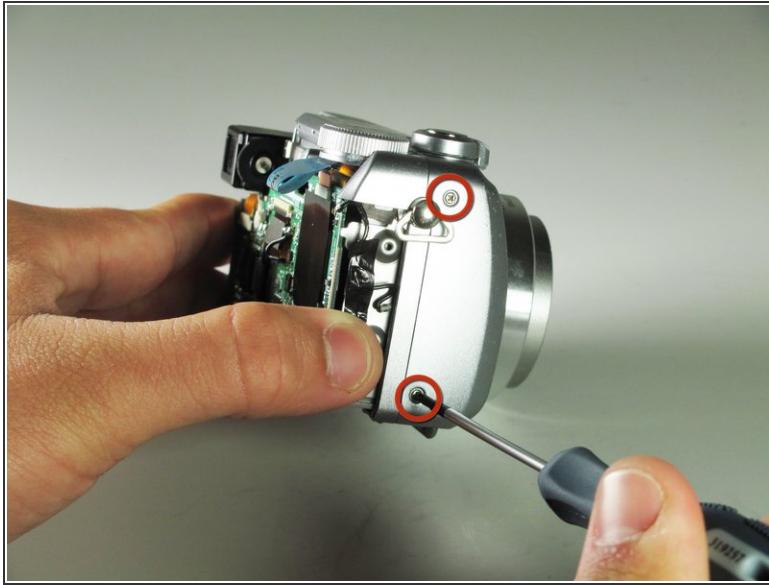
 When soldering avoiding touching any other components with the iron

Step 7



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

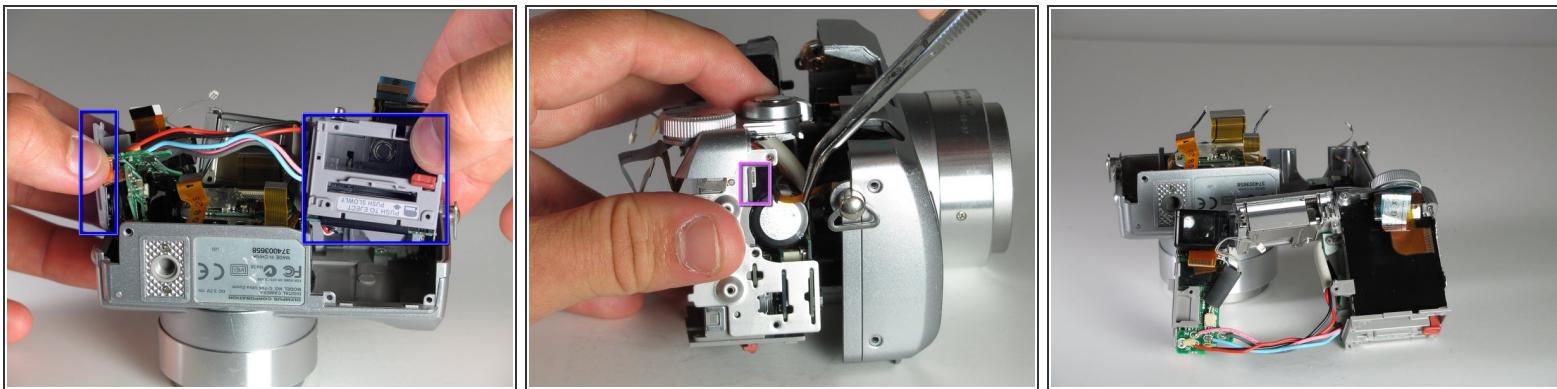
Step 8 — Flash Assembly



- 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

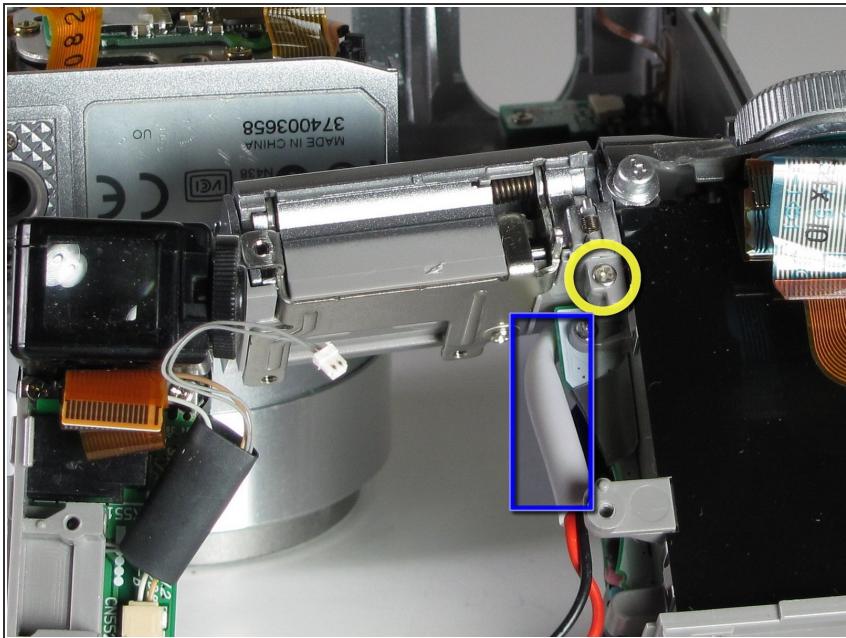
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Step 9



- 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.