Olympus Stylus Tough 6020 Flash Replacement

Replacement guide for the camera's flash.

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INTRODUCTION

This guide will help you replace the flash on your camera. Your flash will need to be replaced if it is not working. Replacing the flash will allow you to take pictures when it is dark or there is dim lighting.

TOOLS:

- Spudger (1)
- iFixit Opening Tools (1)
- Soldering Iron (1)
- Phillips #00 Screwdriver (1)
- T6 Torx Screwdriver (1)

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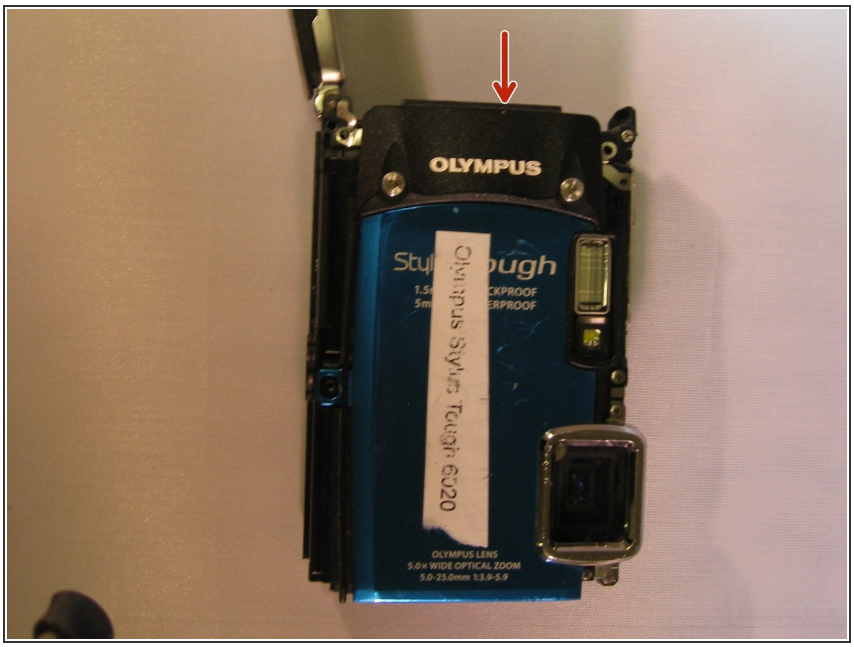
Step 1 — Battery



- Slide and push the battery casing to open it.
- Push the battery to eject it.

Step 2 — Bottom Plating

- Turn the camera so that you are facing the bottom of the camera.
- Using a Phillips 00 screwdriver, unscrew the three 3.9mm screws on the bottom of the camera.
- Using a spudger, pry off the plating on the bottom of the camera.

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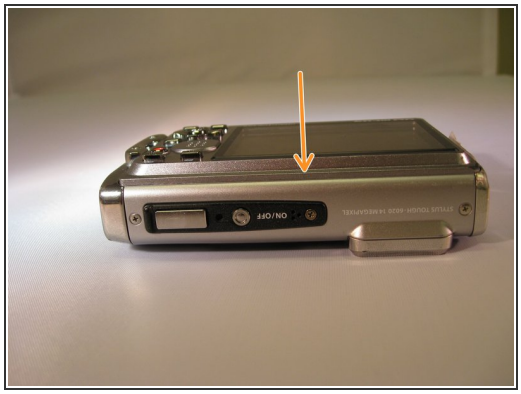
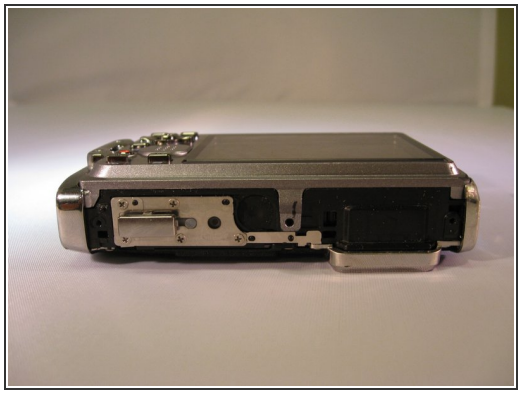
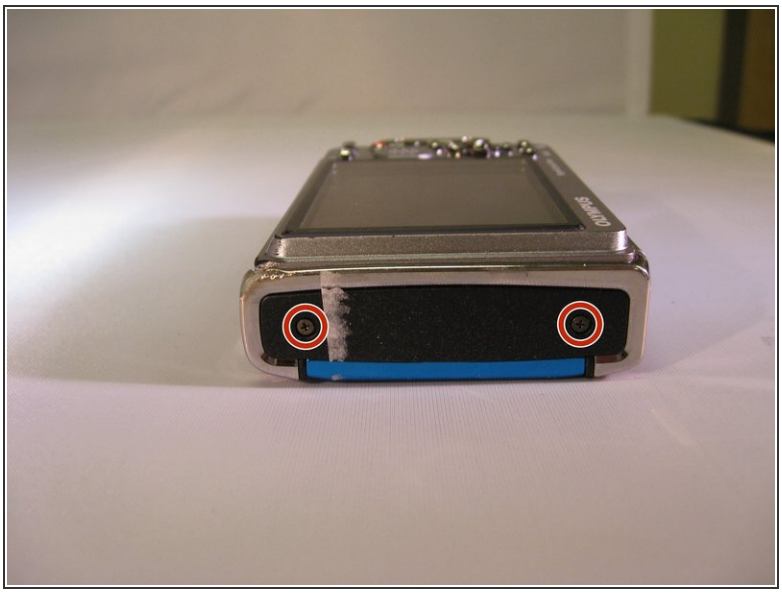
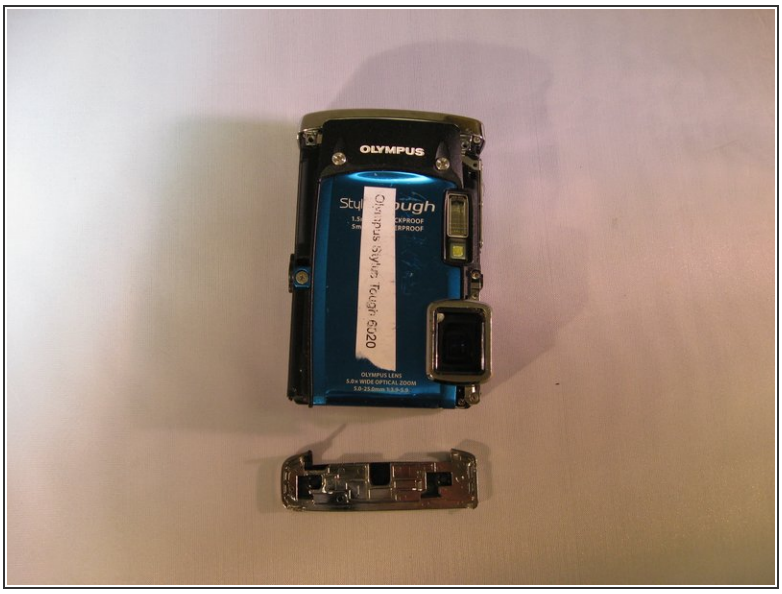
Step 3 — Top Plating

- Turn the camera so that you are facing the top of the camera.
- Using a Phillips 00 screwdriver, unscrew the three 3.9mm screws located on the top of the camera.
- Using a spudger, pry off the plating on the top of the camera.

Step 4 — Left Plating

- Turn the camera so the LCD is facing upwards.
- Using a Phillips 00 screwdriver, unscrew the two 3.9mm screws located on the left side of the device.

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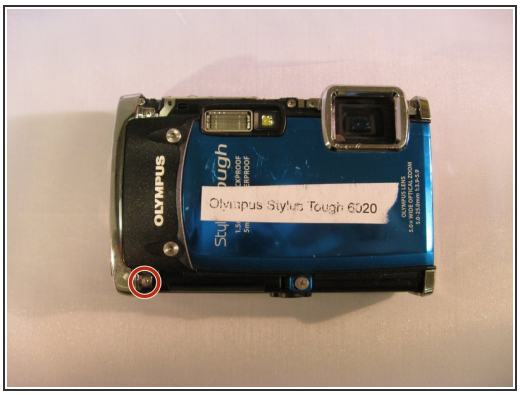
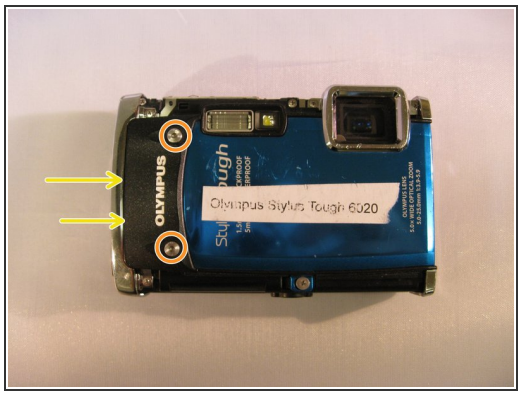
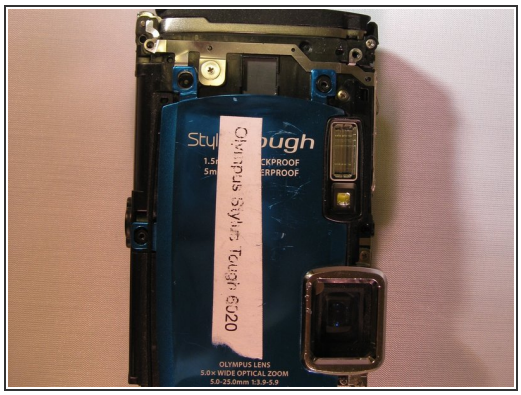
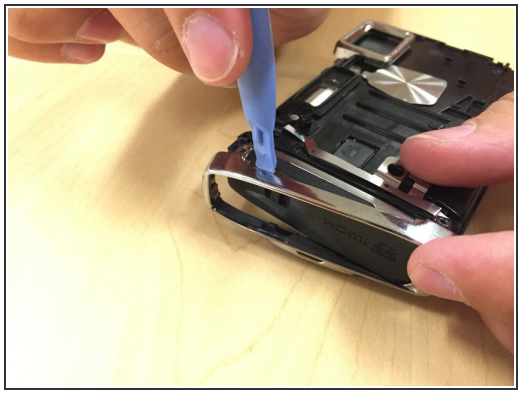
Step 5 — Black "Olympus" Face Plate

- Using a Phillips 00 screwdriver, unscrew the 3.9mm screw located next to the black "Olympus" face plate.
- Using a T6 Torx screwdriver, unscrew the two 3.5mm screws located on the black "Olympus" face plate.
- Using a spudger, gently pry off the black "Olympus" face plate.

Step 6 — End Casing



- Using a Phillips 00 screwdriver, unscrew the two 3.9mm screws to the right of the cursor pad on the U-shaped frame.
- Turn the device over so the front of the camera is facing you.
- Using a Phillips 00 screwdriver, unscrew the two 3.9mm screws on the end casing.
- Using a spudger, pry off the end casing.

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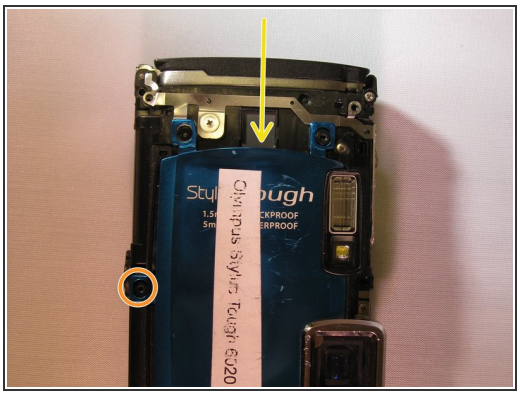
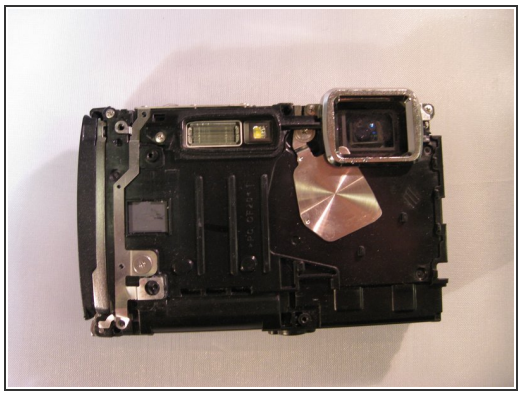
Step 7 — Blue Face Plate

- Turn the camera so the blue face plate is visible.
- Using a Phillips 00 screwdriver, unscrew the two 3mm screws on the blue plate.
- Using a Phillips 00 screwdriver, unscrew the 3.9mm screw located at the bottom of the camera straight down from the flash.
- Using a spudger, gently pry off the blue face plate.

Step 8 — Back Plate

- Using a Phillips 00 screwdriver, unscrew the 9mm screws on the top of the camera to the right of the flash.

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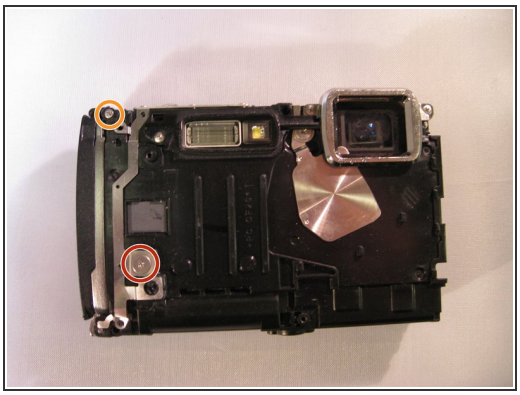
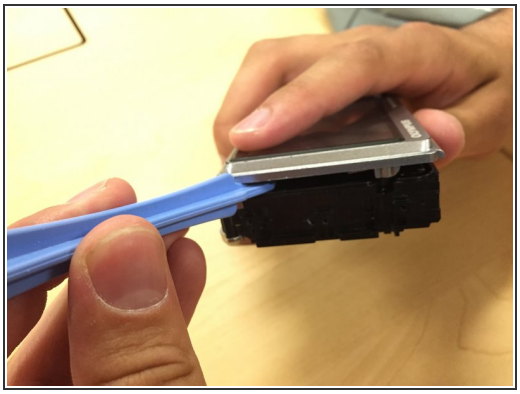
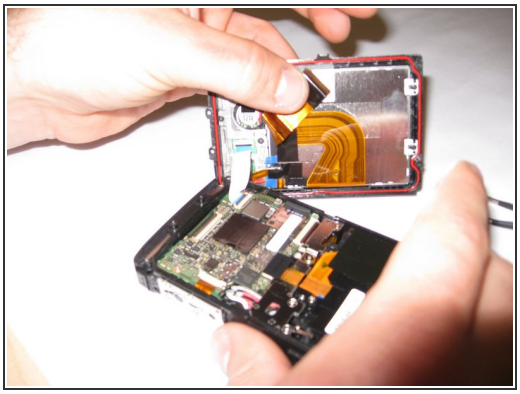
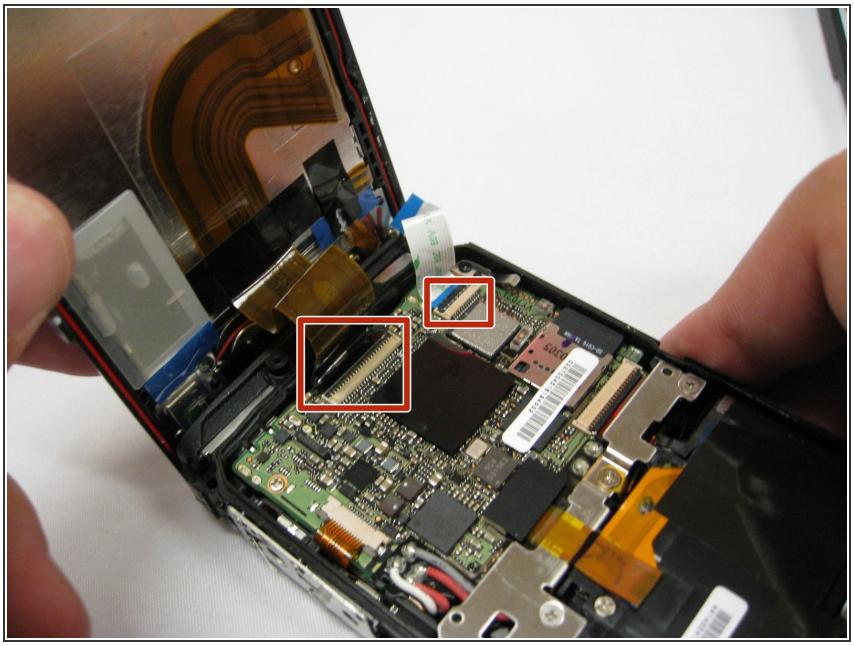
Step 9

- Using a Phillips 00 screwdriver, unscrew the wide 3.5mm screw located in the middle of the camera.
- Using a Phillips 00 screwdriver, unscrew the 9mm screw located at the top left corner of the camera.
- Using a spudger, separate the black plate from the camera.

Step 10 — Back Panel



- Using tweezers, gently pull the ribbon cables to disconnect them from the motherboard.
- Using your hands, grab the panel to remove it.
- Set the back panel aside.

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Step 11 — Motherboard

- Using the Phillips #00 Screwdriver, unscrew the four 3.9mm screws from the center metal panel.
- Using the tweezers, pull the metal panel to remove it from the motherboard.
- Using the tweezers, disconnect the ribbon cable from the motherboard.
- Using the Phillips #00 Screwdriver, unscrew the two 3.9mm screws on the top left and bottom left of the motherboard.
- Using the tweezers, disconnect the ribbon cable from the bottom left of the motherboard.
- Using the spudger, gently pry the motherboard from the casing.

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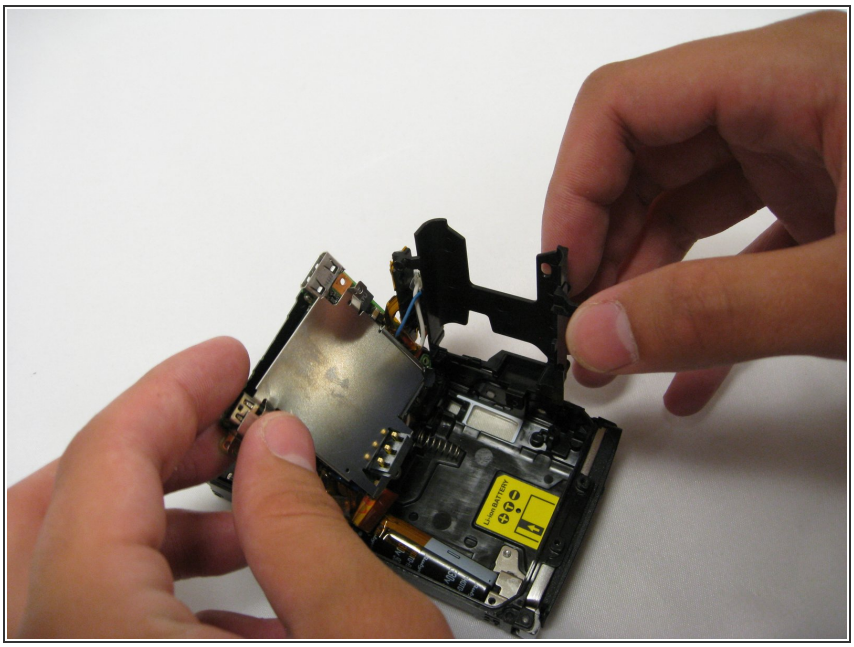
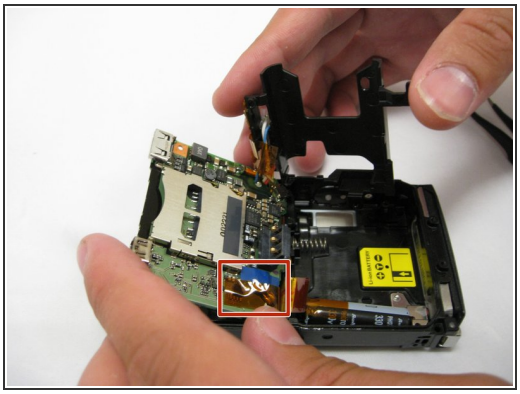
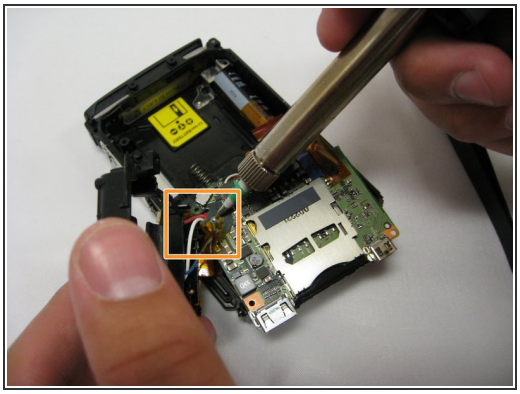
Step 12 — Capacitor Case

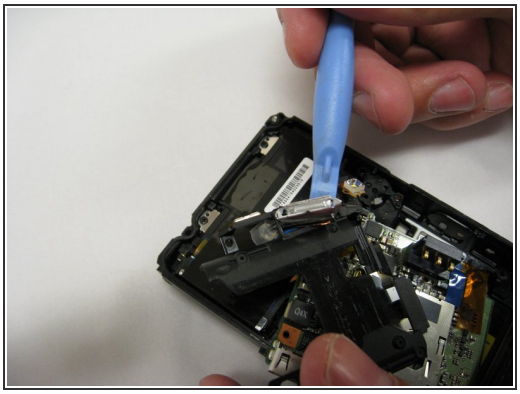


- Using your hands, separate the black frame from the motherboard.
- Using your hands, separate the metal plate from between the flash casing and the motherboard.

Step 13 — Capacitor







- Using the tweezers, grab and pull the yellow tape off the blue and white wires.
- Using the soldering station, desolder the blue wire from the back of the motherboard.
- Using the spudger, carefully pry the capacitor from the flash casing.

⚠ If the capacitor is touched, you could get shocked.

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

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