Samsung PL200 Lens Replacement

This guide allows you to replace the lens on...

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INTRODUCTION

This guide allows you to replace the lens on your Samsung Pl200 camera. To complete this guide you will need a #000 Phillips Screwdriver, a Plastic Opening Tool, and a set of Tweezers.

🔧 TOOLS:

Phillips #000 Screwdriver (1)
iFixit Opening Tool (1)
Tweezers (1)

Step 1 — Battery

- Flip Samsung PL200 over to access battery/SD card compartment on the bottom. There is a sliding release button (labeled 'OPEN') that can be slid sideways to open the battery/SD card compartment.

- Slide this button in the direction that the arrow is pointing to release and open the spring loaded battery/SD card compartment door. Once opened, the battery should be visible.

Step 2

- Once the battery/SD card compartment is opened, in order to remove the battery, you must push the small blue release button.

- This will release the spring loaded battery.

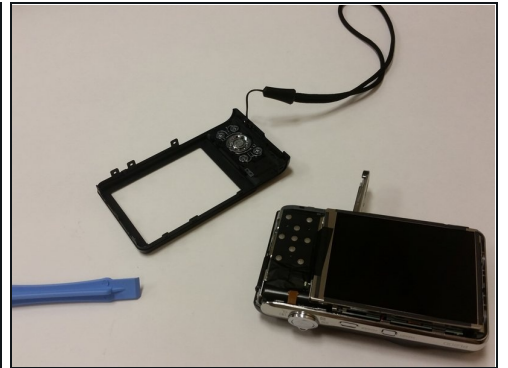- Use your fingers to remove the old battery.

Step 3

- Insert the new battery into the battery slot.

- Push it down with your finger until the blue release switch re-engages over top of the battery.

- Close the battery/SD card compartment.

Step 4 — LCD Screen

- Remove the six 3 mm external screws from the camera base using the Phillips #000 screwdriver.
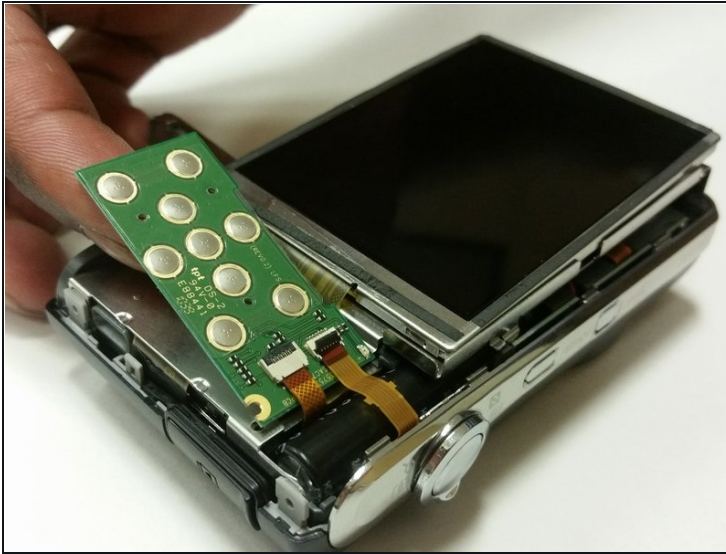
Step 5

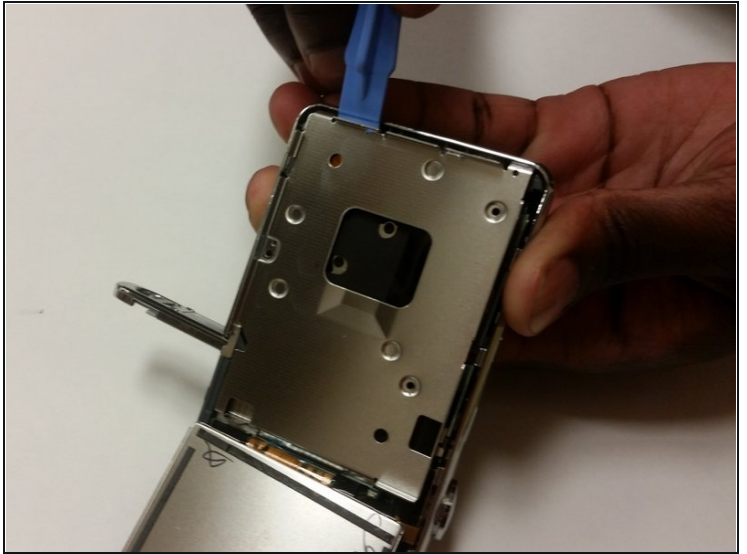- Use the plastic opening tools and your fingers to pull the external cover off.
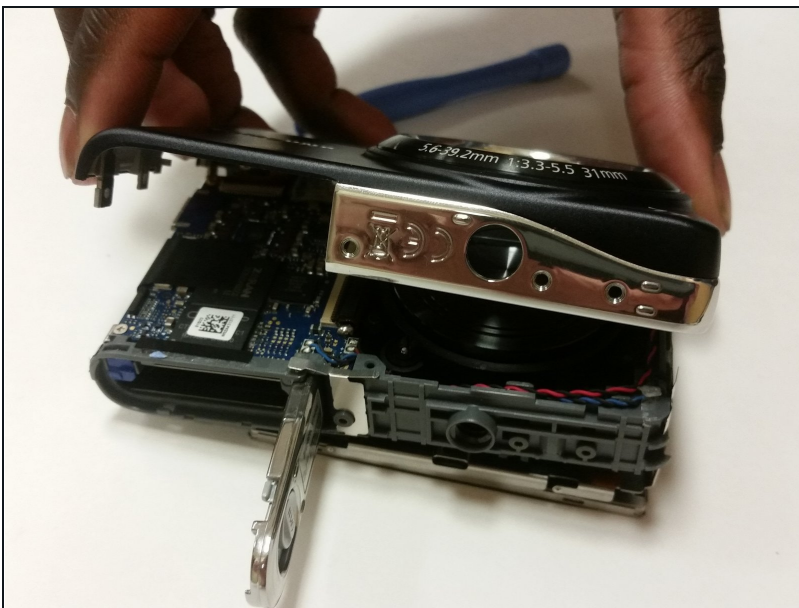
Step 6

- Remove the 3 mm screw holding the circuit board.

- Use a pair of tweezers to detach the two ribbon cables connecting the circuit board to the camera.

- Remove the circuit board.

Step 7

- Flip the LCD screen forward and remove the two 3 mm screws holding the metal midframe using a Phillips #000 screwdriver.

- Remove the midframe using an opening tool.

Step 8

- Remove the front cover. It will come off fairly easily.

Step 9

- Lift the black strip and the ribbon will easily come out.

- After doing this, the LCD screen will be separated from the camera.

Step 10 — SD card

- Flip Samsung PL200 over to access battery/SD card compartment on the bottom. There is a sliding release button (labeled 'OPEN') that can be slid sideways to open the battery/SD card compartment.

- Slide this button in the direction that the arrow is pointing to release and open the spring loaded battery/sd compartment door.

- Once opened, the SD card should be visible.

Step 11

- Once the battery/SD card compartment is opened, simply push the SD card down to activate the spring loaded ejector.

- This will cause the SD card to raise up enough to allow you to grab it with your fingers.

- Use your fingers to remove the old SD card.

Step 12

- Insert the new SD card into the SD card slot.

- Make sure to push it down all the way until it clicks and remains flush with battery.

- Close the battery/SD card compartment.

Step 13 — Lens

- Remove the two black 3 mm screws from the right side of the camera using a Phillips #000 screwdriver.

- Remove the five silver 3 mm screws from the camera's side and bottom using a Phillips #000 screwdriver.

Step 14

- Use a plastic opening tool and your fingers to pry off the external cover.

Step 15

- Remove the single 3 mm screw securing the circuit board with a Phillips #000 screwdriver.

- Remove any leftover tape on the circuit board and screen.

- Unplug and remove the wires from the circuit board using a set of tweezers.

Step 16

- Flip the LCD screen forward and out to the side.

- Use a Phillips #000 screwdriver to remove the two 3 mm screws beneath the LCD screen.

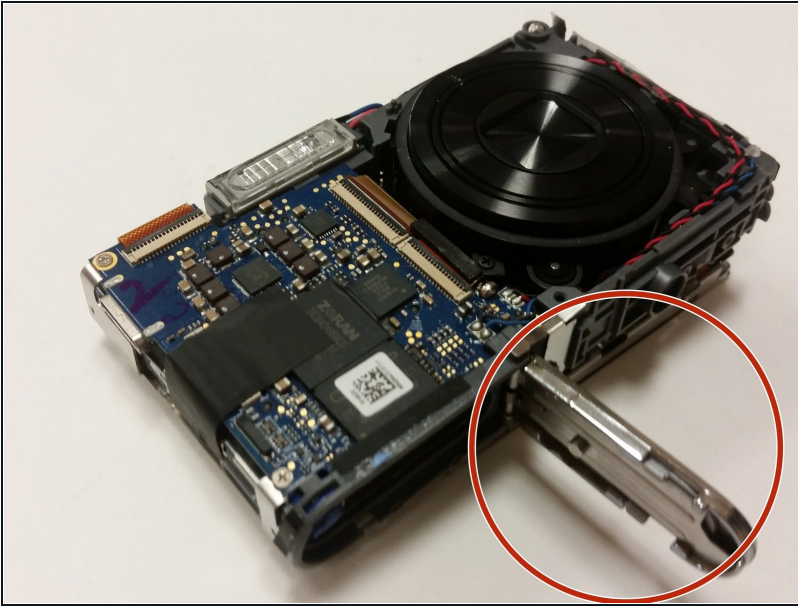- Remove the metal brace using the Plastic Opening Tool.

Step 17
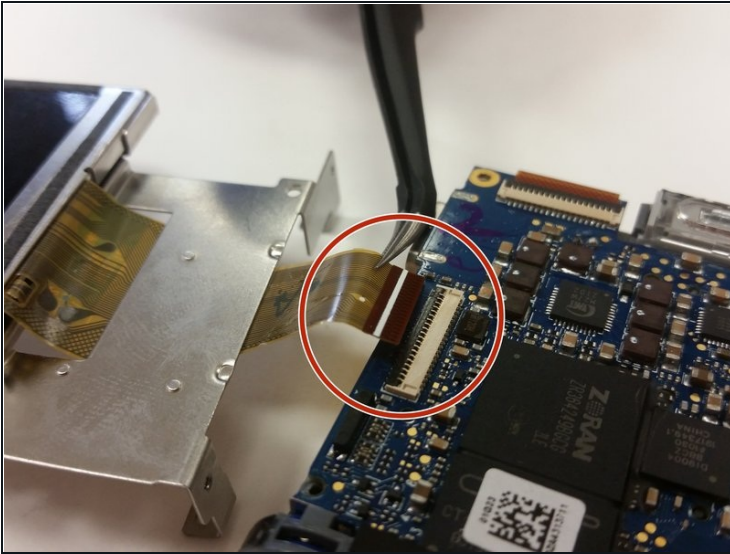
- Flip the ZIF connector's locking bar vertically, then gently remove the ribbon cable.
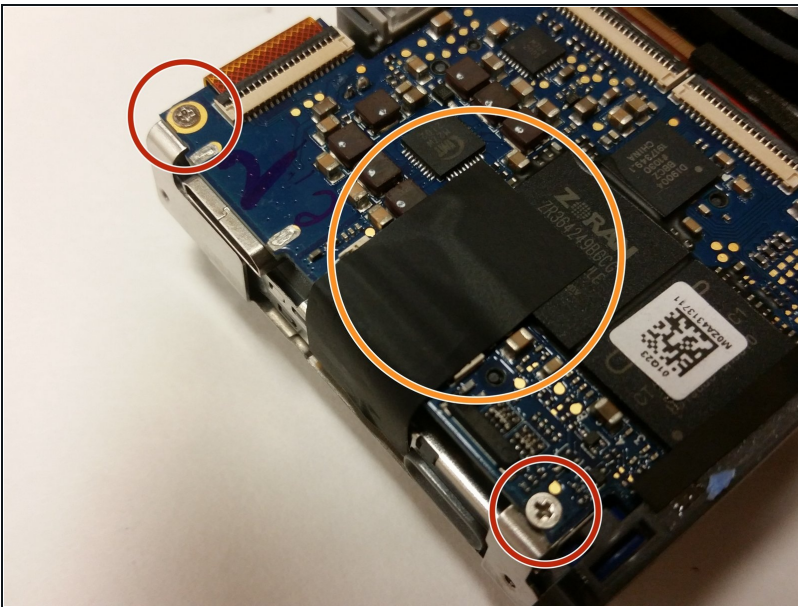
- Remove the screen.

Step 18

- Remove the front cover of the camera using your fingers and a plastic opening tool.
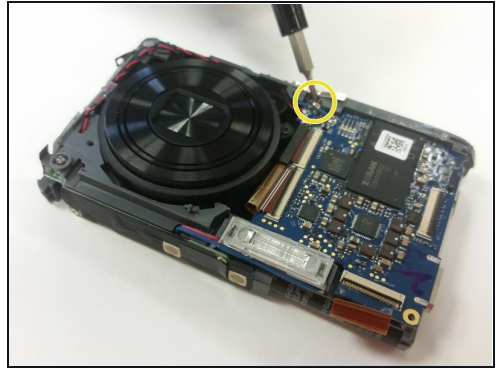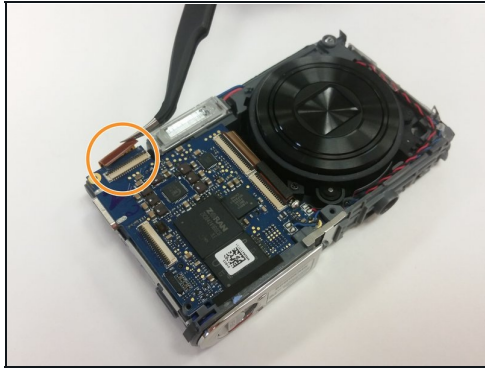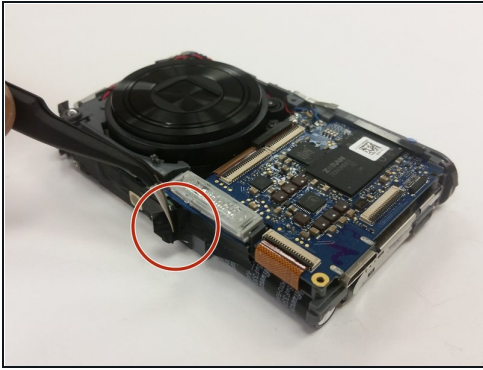
Step 19

- Set the screen and metal brace aside.

- Open the camera's battery compartment on the bottom part of the camera.
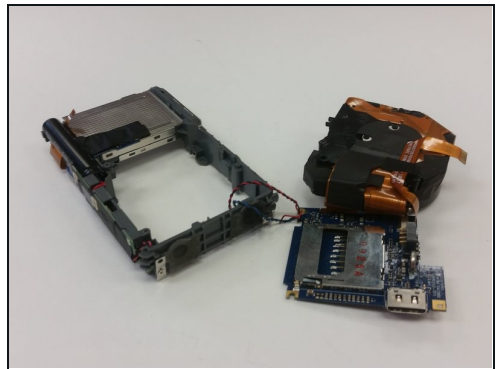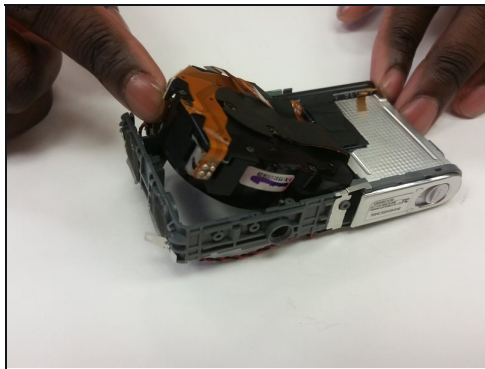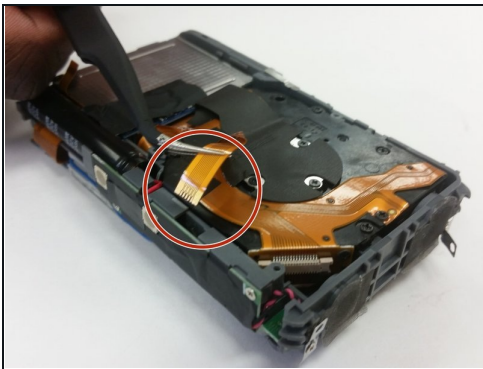
Step 20

- Remove the two 3 mm corner screws that secure the motherboard, with a Phillips #000 screwdriver.

- Remove any leftover tape that may still be on the motherboard.

Step 21

- Use tweezers to remove the tape from the bottom of the camera.

- Then use the tweezers to disconnect the lens unit cord at the bottom of the camera from the motherboard.

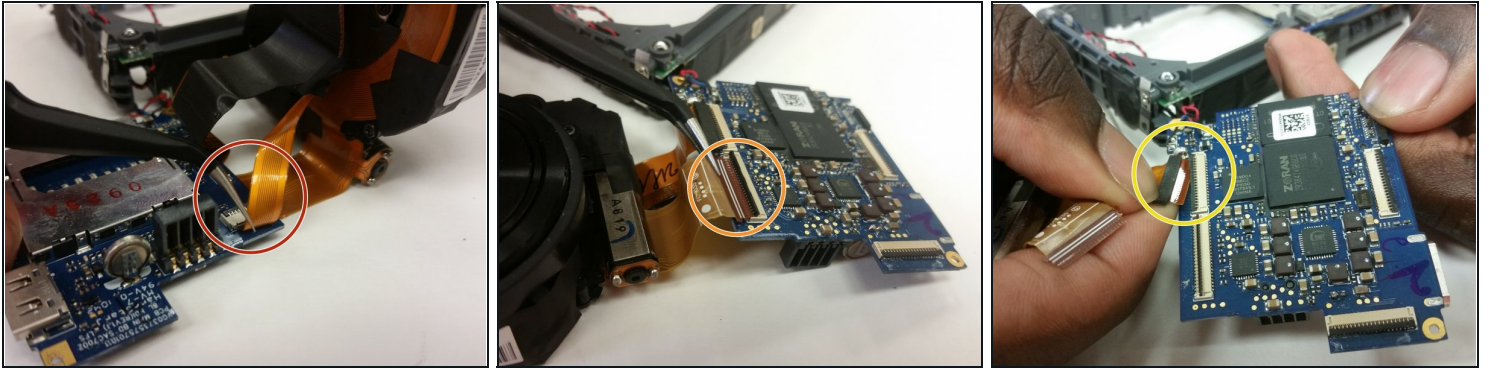- Remove the last 3 mm screw securing the motherboard with a Phillips #00 screwdriver.

Step 22

- Use tweezers to unplug the small lens unit cord from the camera frame on the backside of the camera.

- Gently lift the lens unit from the frame.

- Separate the lens unit, motherboard, and camera.

Step 23

- Use tweezers to disconnect the small ribbon cable from the motherboard.

- Then use the tweezers to remove the first large lens unit ribbon cable from the motherboard.

- Finally, use the tweezers to remove the second large lens unit ribbon cable from the motherboard.

Step 24

- You have now separated the lens unit. Replace it with a functional lens unit at this stage, and reassemble the device.

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