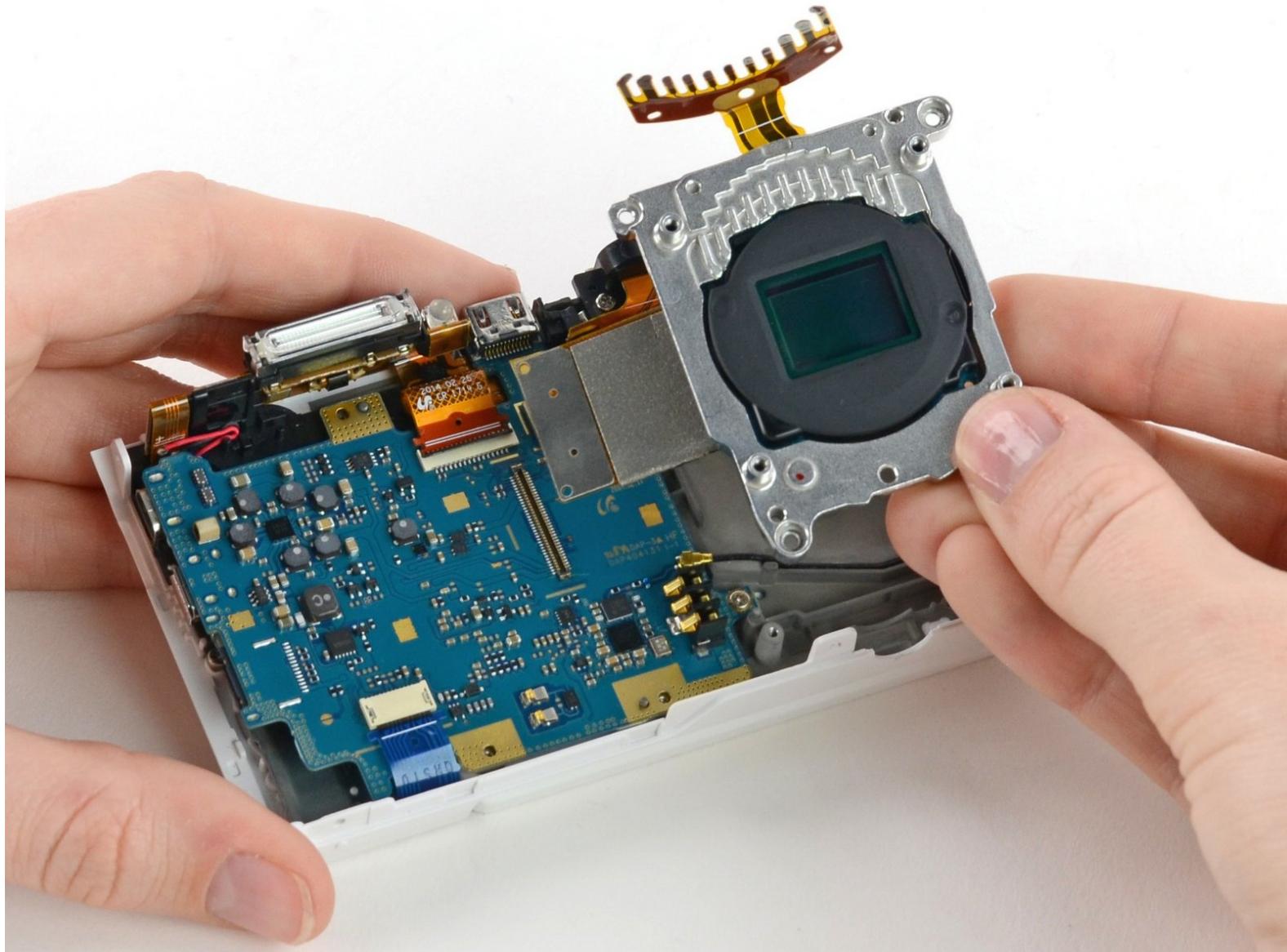




Samsung NX Mini Sensor Replacement

This guide will show you how to replace the sensor in the Samsung NX Mini.

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INTRODUCTION

This guide will show you how to access the sensor for cleaning or necessary repairs.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Tweezers](#) (1)
- [Magnetic Project Mat](#) (1)

Step 1 — Battery



- Orient the camera so the button panel and LCD are facing you.
- Use a spudger or fingernail to open the battery compartment on the right side of the camera.

Step 2



- Push the blue trapdoor to the left to release the battery, and remove the battery.
- There is no battery shown in this photo.

Step 3 — Front Case



- Use a Phillips #00 screwdriver to remove the 4 mm screw inside the battery compartment.

Step 4



- Remove the 4 mm Phillips #00 screw hiding in the external flash port.

Step 5



- Remove the four 5 mm Phillips #00 screws from the lens assembly.

Step 6



- Remove the metal lens mount by hand or with tweezers.

⚠ Be careful not to touch the sensor in the center of the lens assembly.

Step 7



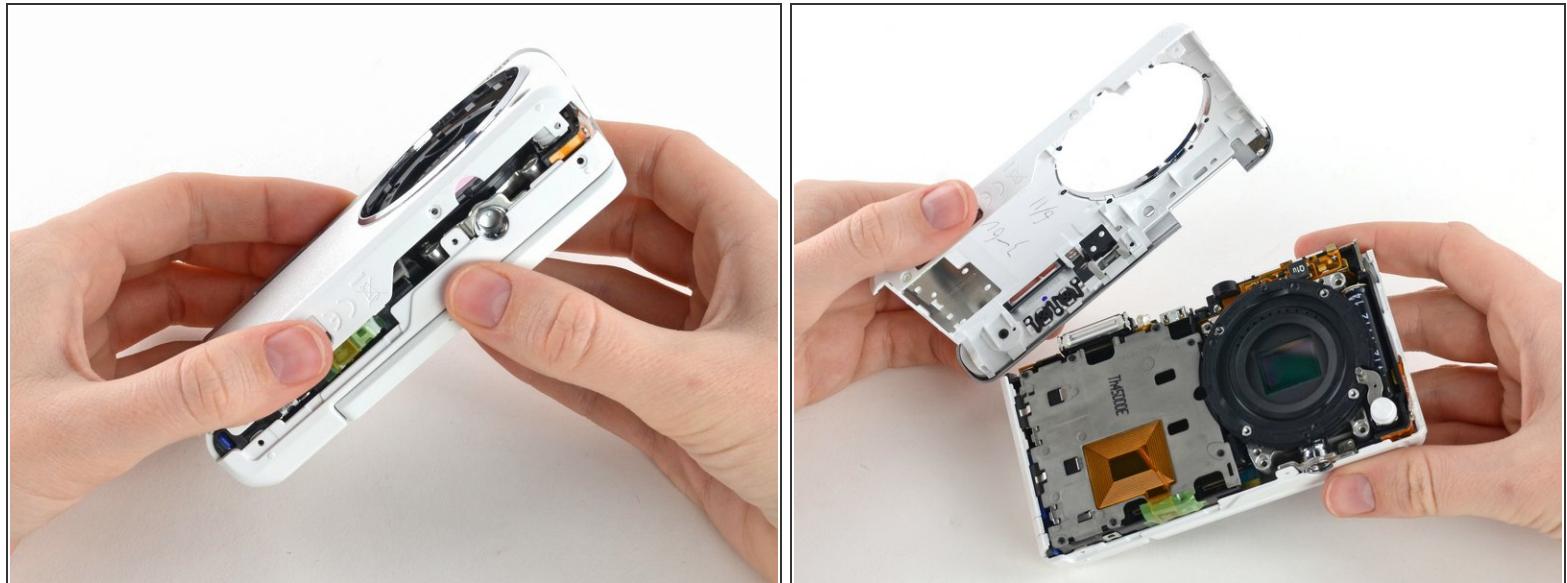
- Use tweezers to remove the inner metal ring.

Step 8



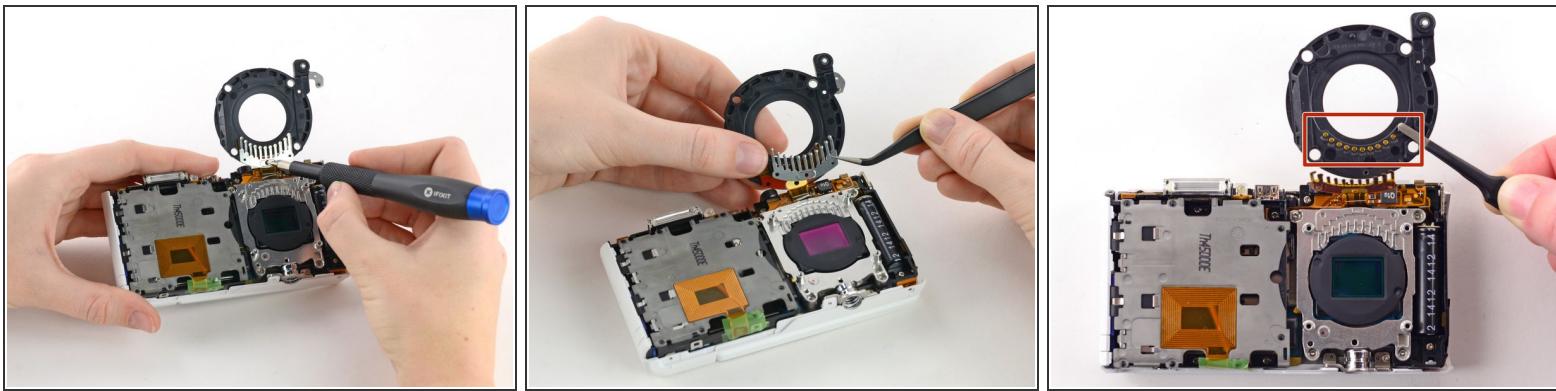
- Use a Phillips #00 screwdriver to remove the three 4 mm screws from the bottom of the case.

Step 9



- Use your hands to slowly pull the front casing away from the camera.
- The case is attached with multiple clips that may make a cracking noise as you pull it away from the camera.

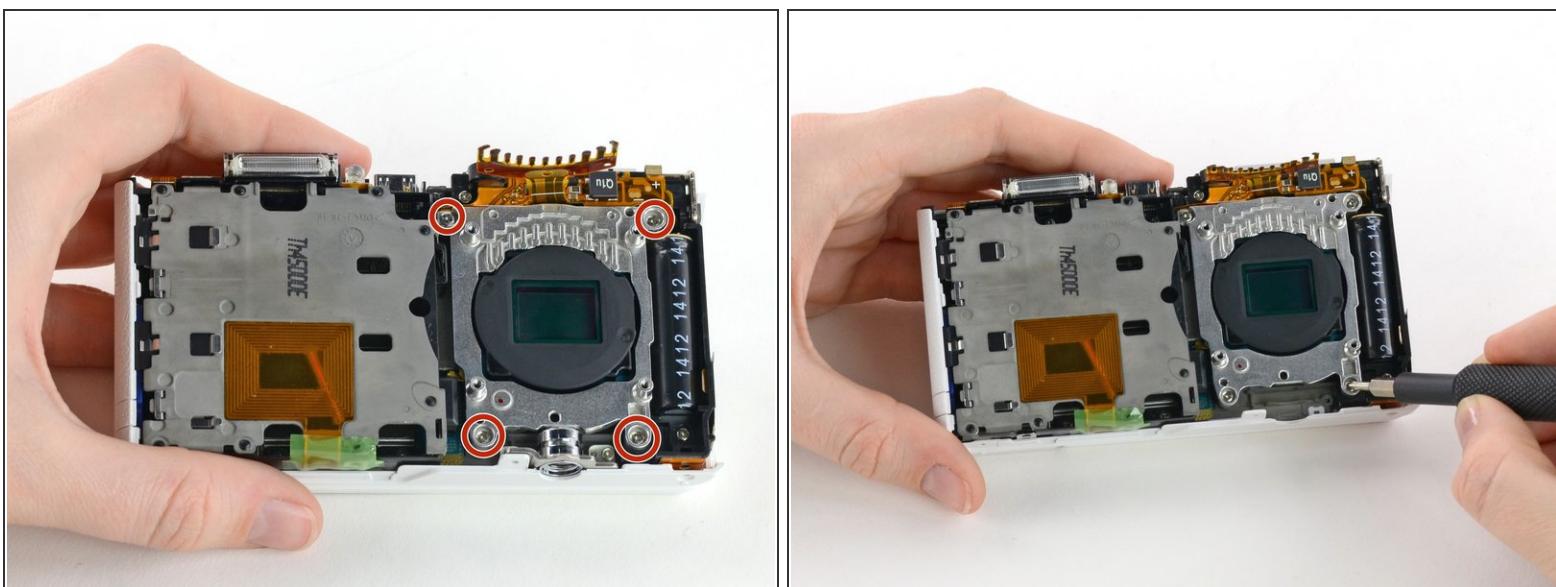
Step 10 — Sensor



- Gently flip the sensor cover back to expose the screw attaching the sensor cover to the ribbon cable.
- Use a Phillips #00 screwdriver to remove the 3 mm screw from the sensor cover.
- Use tweezers to remove the metal contact cover. Be sure to carefully remove the cover so the gold contacts remain in place.

⚠ The gold lens contacts lying beneath the ribbon cable become loose when the screw and contact cover are removed.

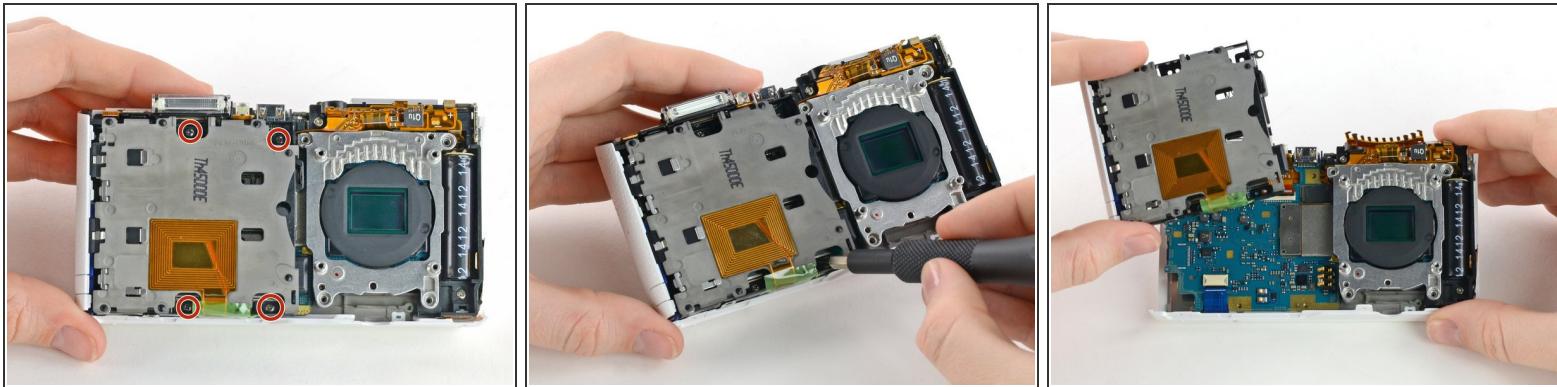
Step 11



- Remove the four 4 mm Phillips #00 screws holding the sensor mount in place.

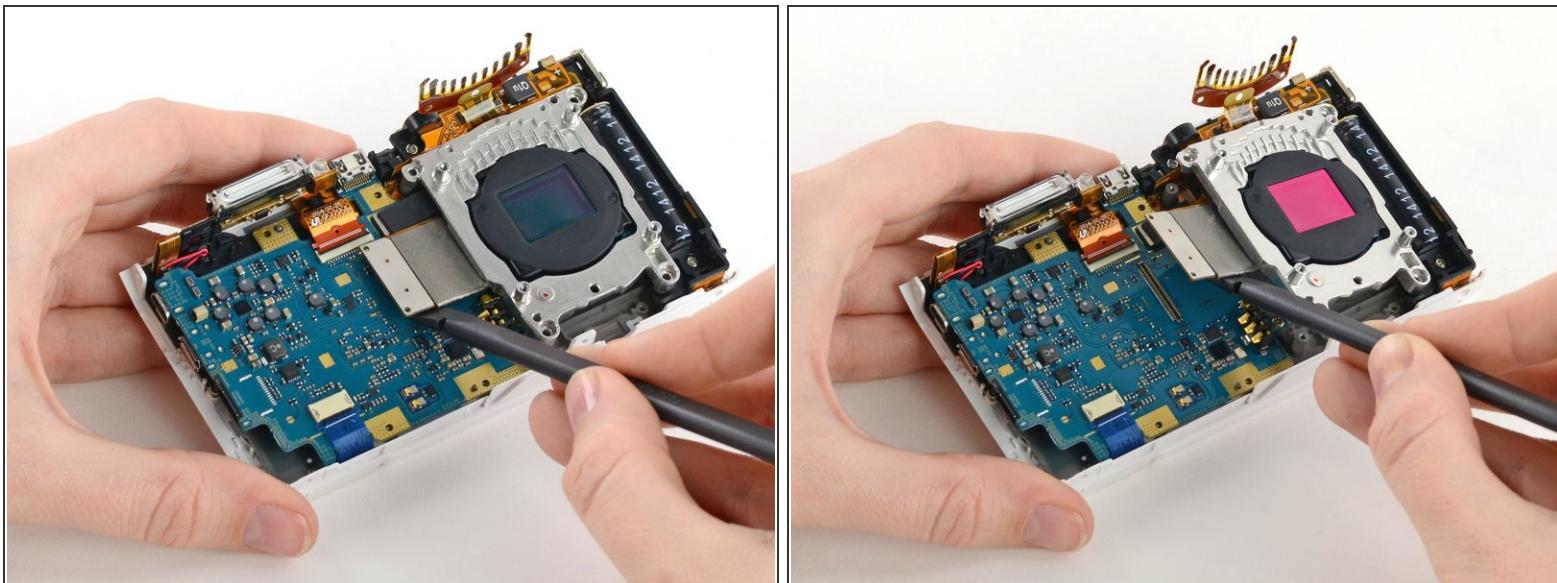
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Step 12



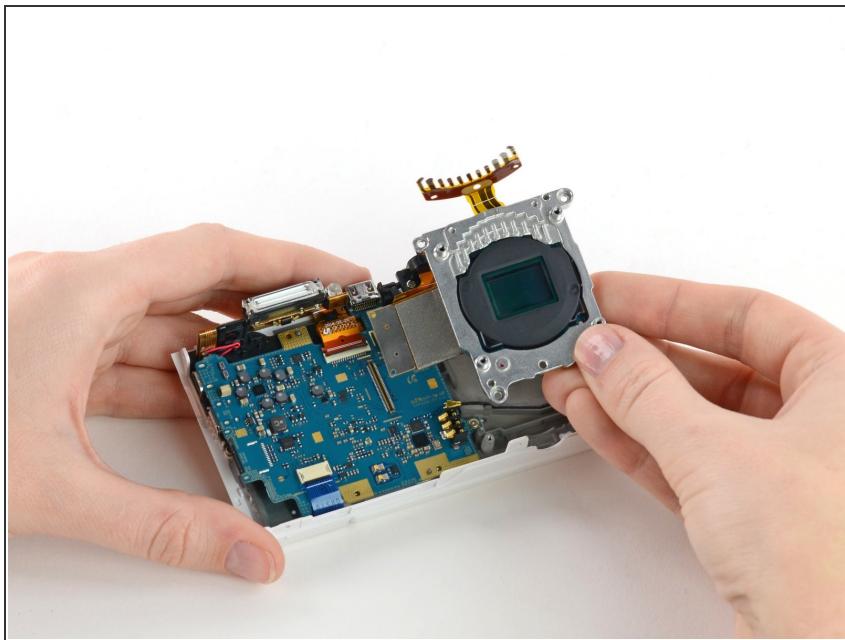
- Remove the four 4 mm Phillips #00 screws securing the battery compartment to the mother board.
- Remove the battery compartment.

Step 13



- Use a spudger to disconnect the ribbon cable connecting the image sensor to the motherboard.

Step 14



- Gently remove the sensor mount from the camera case.

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