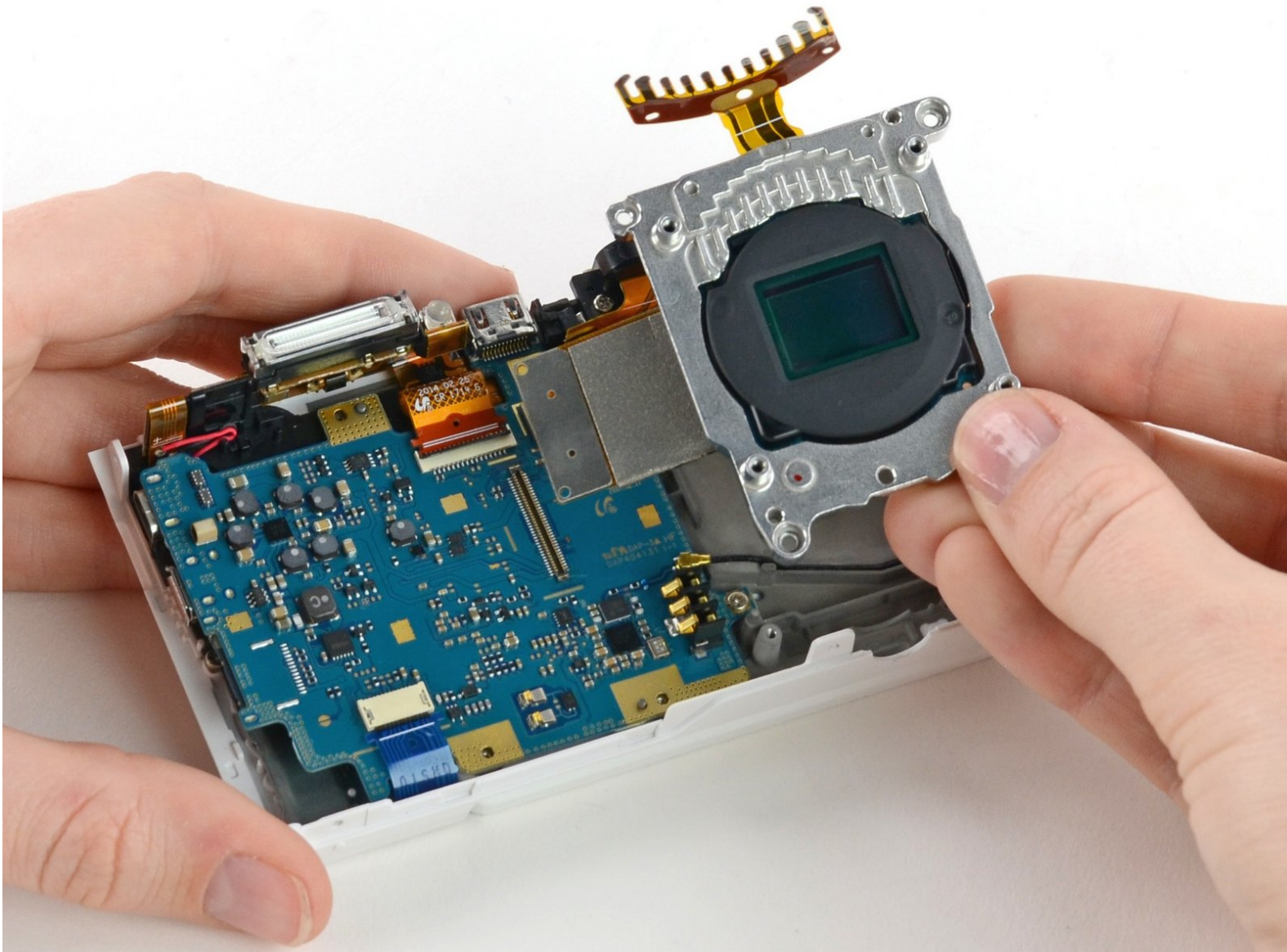




# Samsung NX Mini Sensor Replacement

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

Written By: Kelsea Weber



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# INTRODUCTION

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

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## TOOLS:

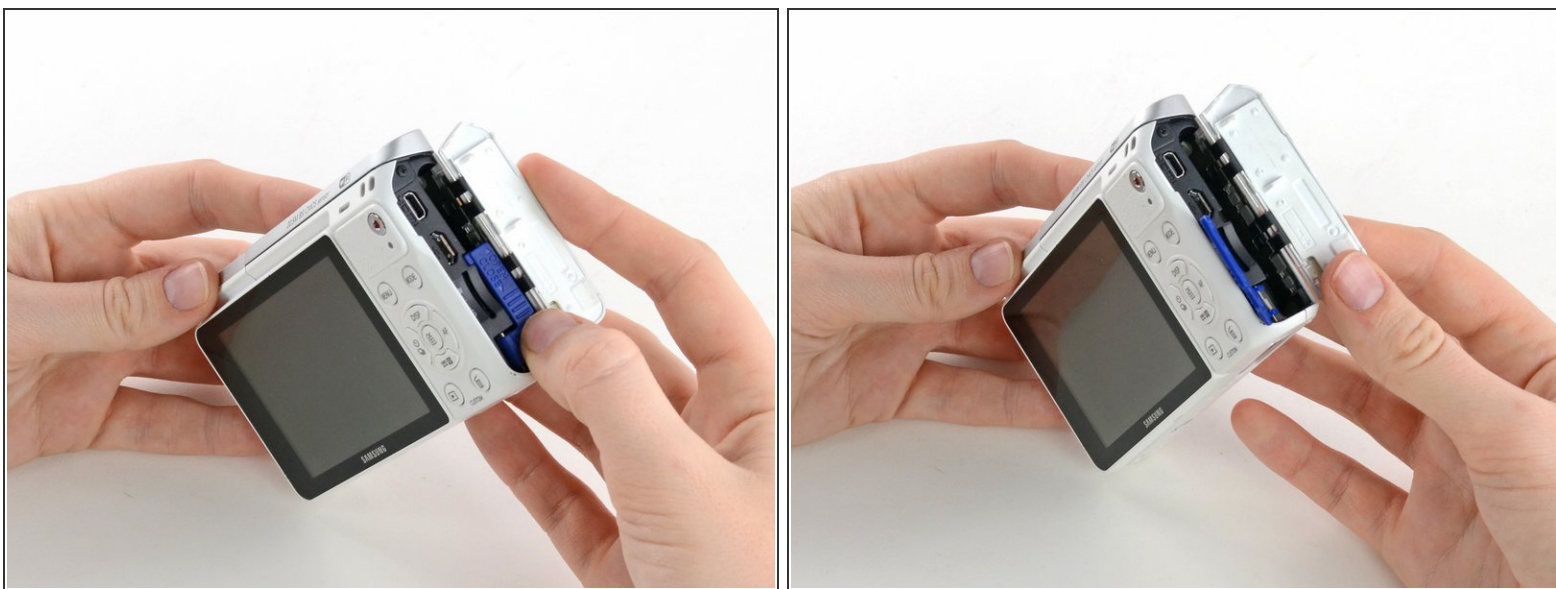
- [Phillips #00 Screwdriver](#) (1)
  - [Spudger](#) (1)
  - [Tweezers](#) (1)
  - [Magnetic Project Mat](#) (1)
-

## 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.

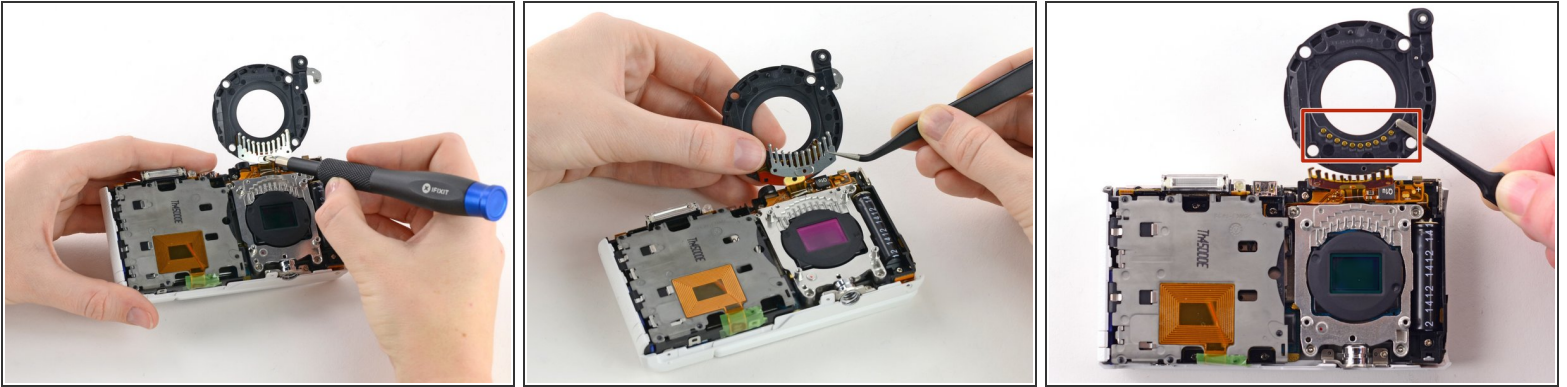
## Step 9



- 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.



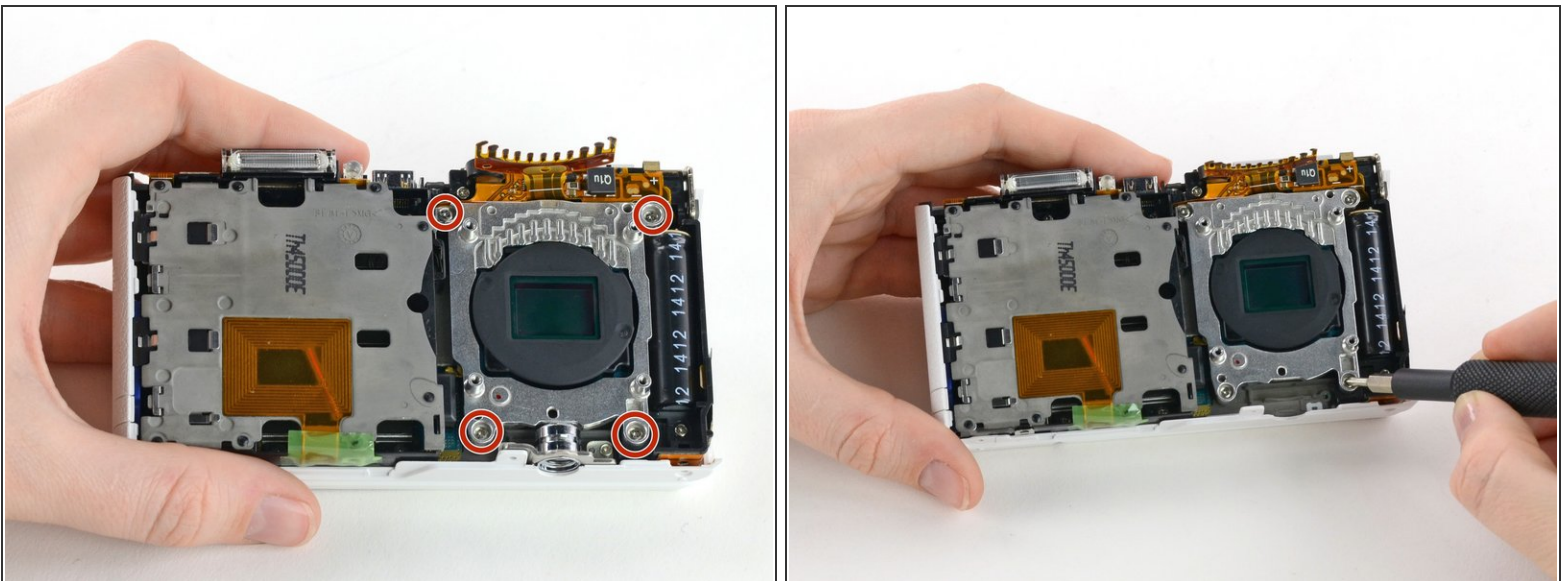
## Step 10 — Sensor



- 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

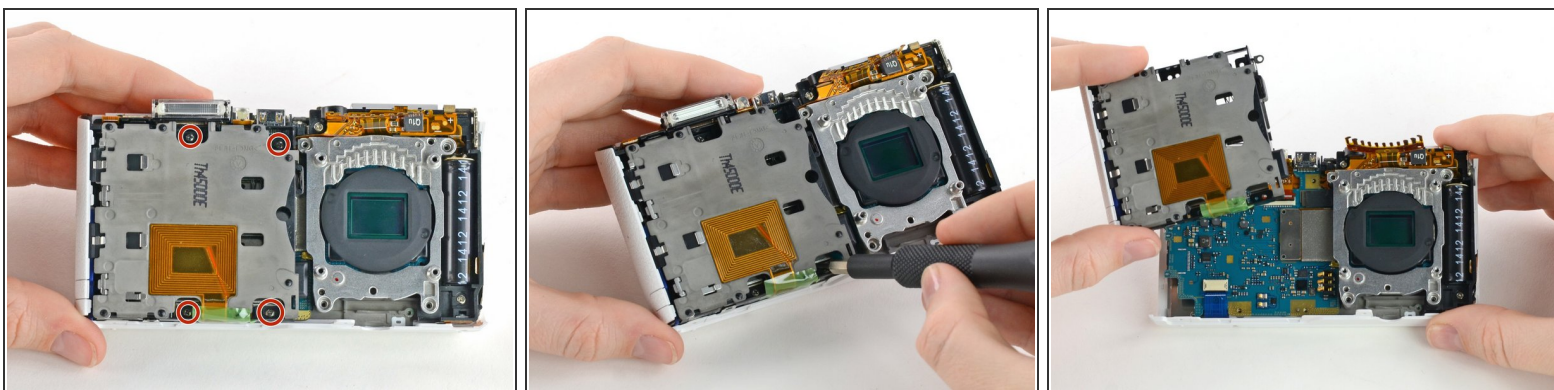


- Remove the four 4 mm Phillips #00 screws holding the sensor mount in place.

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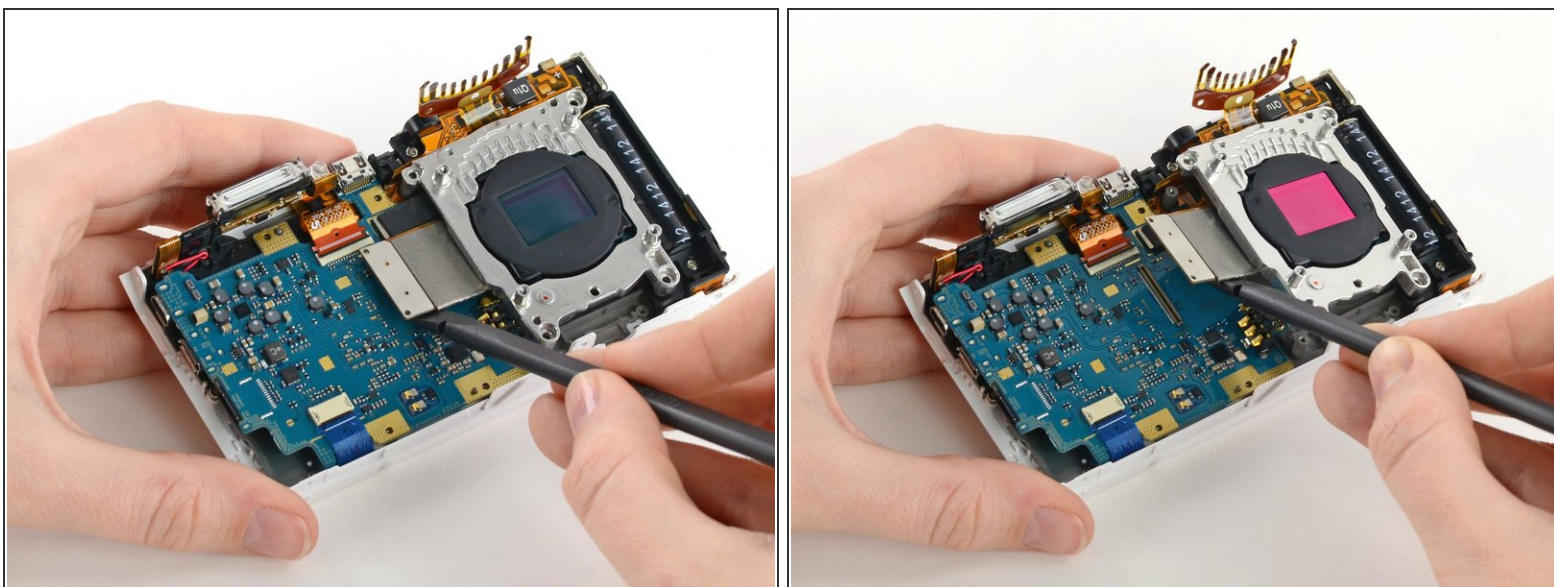


## Step 12



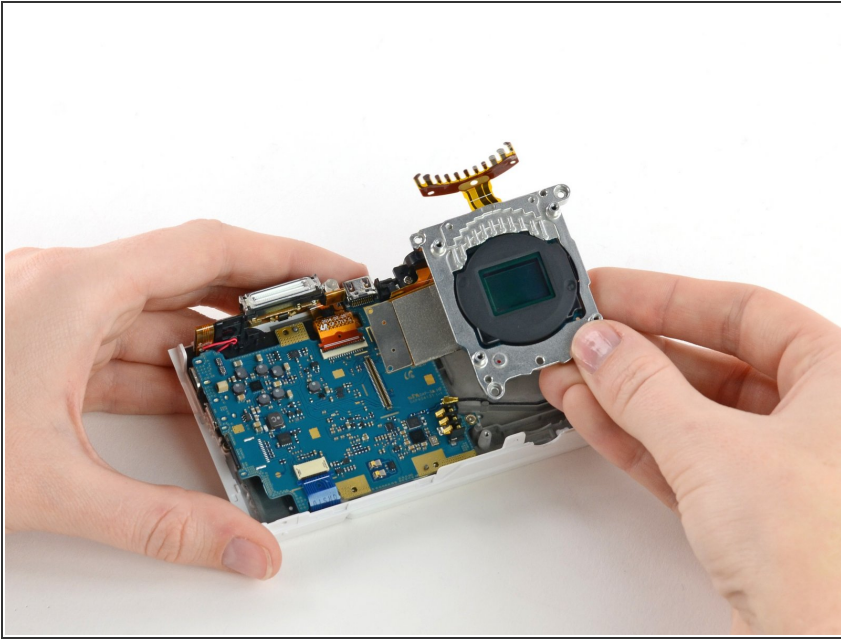
- Remove the four 4 mm Phillips #00 screws securing the battery compartment to the mother board.
- Remove the battery compartment.

## 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 camera, follow these instructions in reverse order.