
INTRODUCTION

This guide gives you a look at the major components of the Samsung NX3000 and provides complete disassembly instructions.

We highly suggest you use a [magnetic project mat](#) or an [organization tray](#). This camera has **many** different types of screws and keeping them organized is key to proper reassembly.

TOOLS:

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



- If you haven't done so already, remove the lens from the camera.
 - Turn the camera upside down.
 - Slide the button to the left to open the battery compartment.
 - Push the blue button up to release the battery.
- i** The battery is not shown in these photos.

Step 2 — Disassembling Samsung NX3000



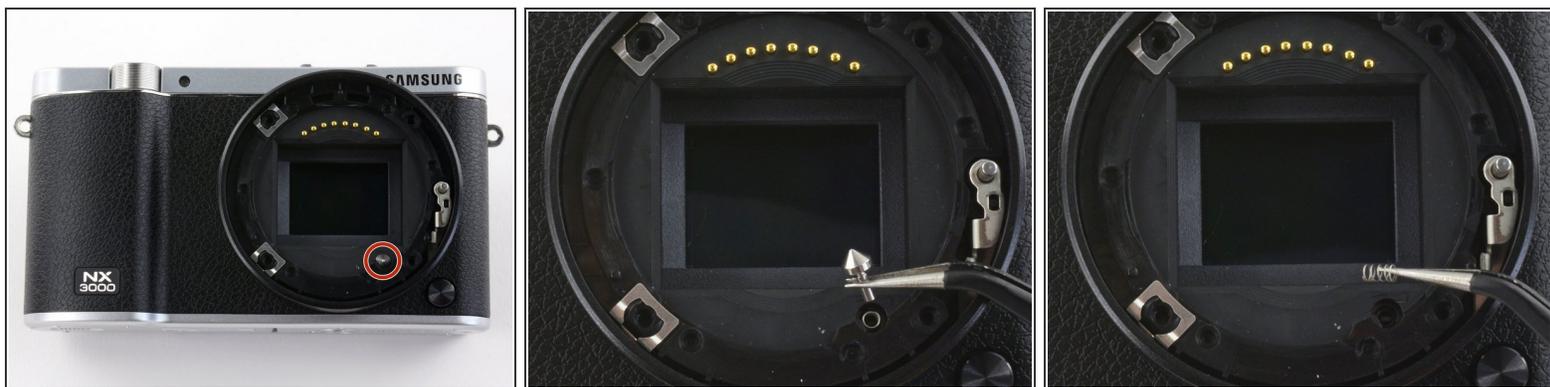
- Remove the four 7.3 mm Phillips screws from the front of the lens assembly.
- Remove the silver ring with tweezers.

Step 3



- Use tweezers to remove the black plastic ring and small metal ring inside the lens assembly.

Step 4



- Use tweezers to remove the pin and small spring from the lens assembly.

Step 5



- Remove the three 4.3 mm Phillips screws from the bottom of the camera.
- Remove the 4.3 mm Phillips screw hiding inside the battery compartment.

Step 6



- Remove the 4.2 mm Phillips screw from the left handgrip.
- Remove the two 4.2 mm Phillips screws from the right handgrip.

Step 7



- Use tweezers to pull the metal shield straight out of the external flash mount.

Step 8



- Remove the four 5 mm Phillips screws from the external flash mount .

Step 9



- Remove the external flash mount.

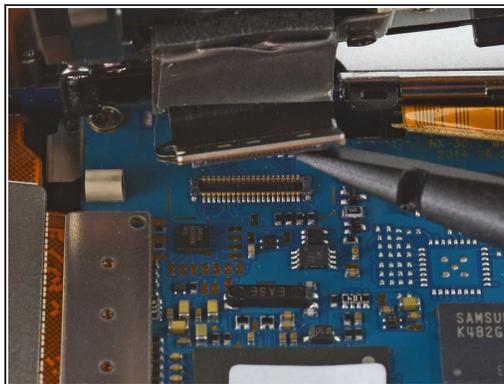
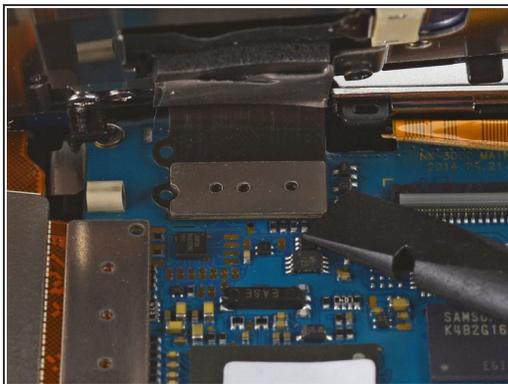
Step 10



- Slowly pull the bottom of the back case away from the camera.

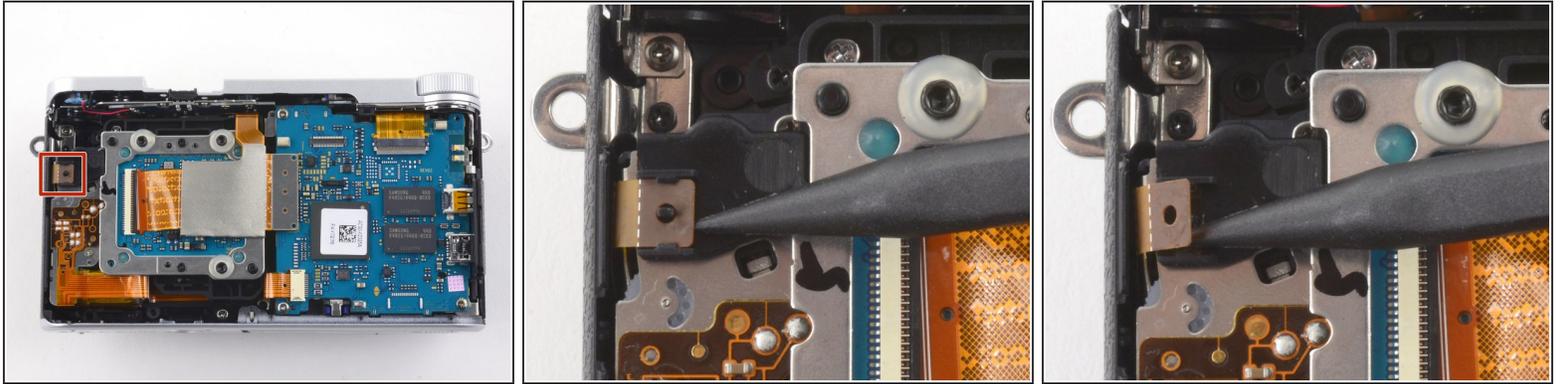
⚠ Do not attempt to remove the back case as it is attached to the motherboard by a ribbon cable.

Step 11



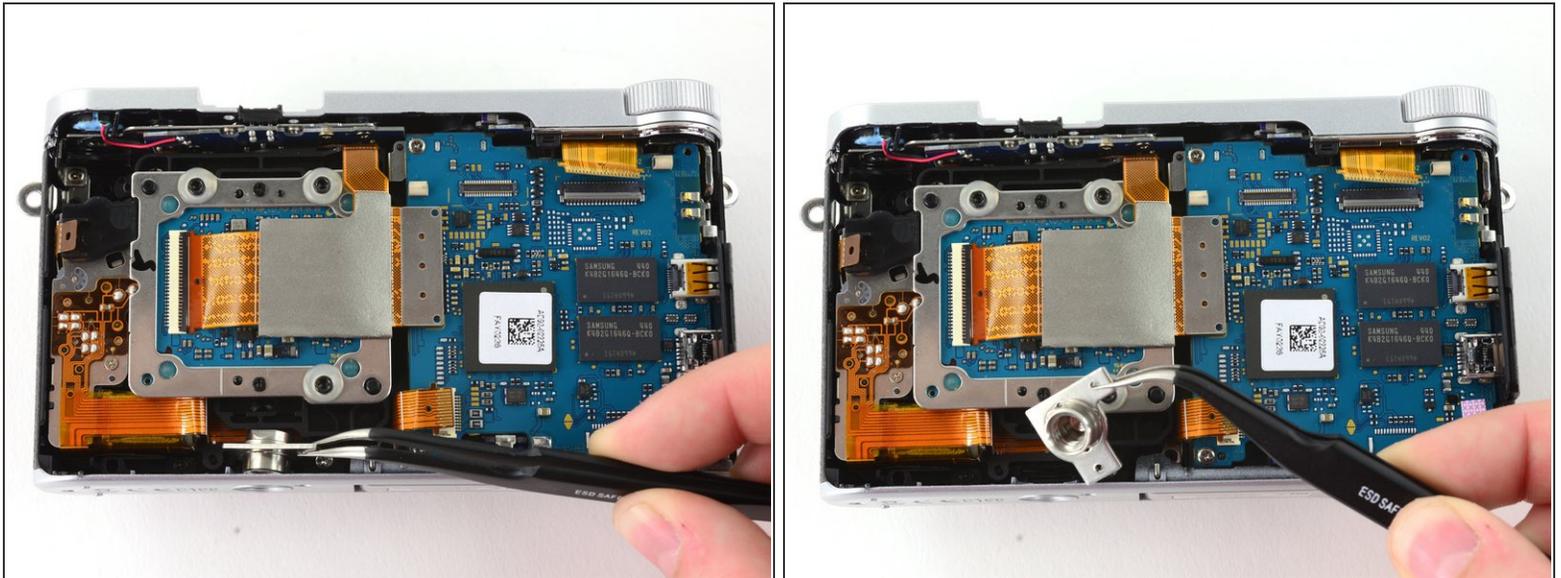
- Use the flat end of a spudger to pry the flat topped connector straight up from the motherboard.
- Remove the back case.

Step 12



- Use the pointed end of a spudger to lift the ribbon cable straight out of the black clip located near the left handgrip.

Step 13



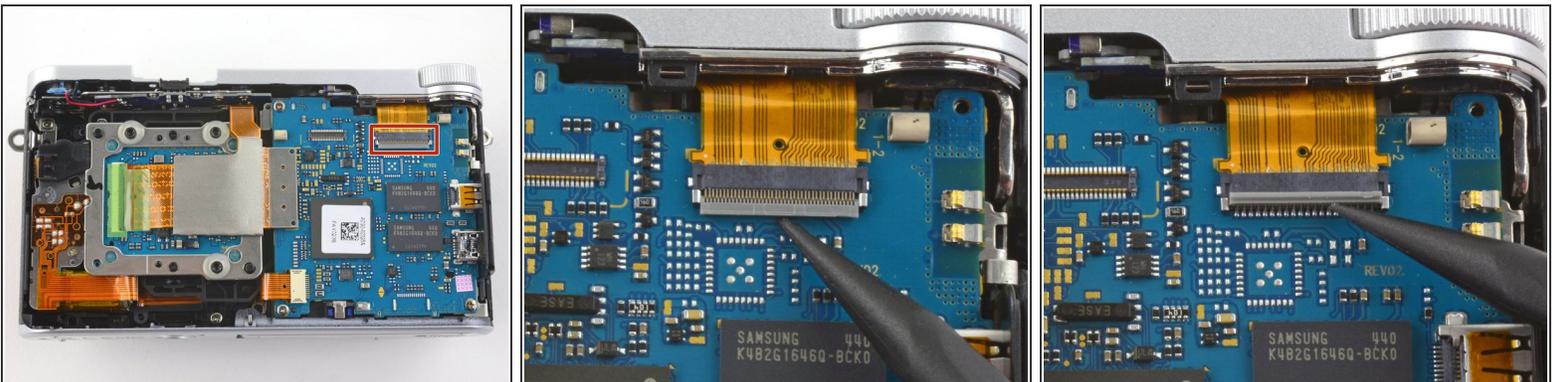
- Use tweezers to pull the tripod mount out of the front case.

Step 14



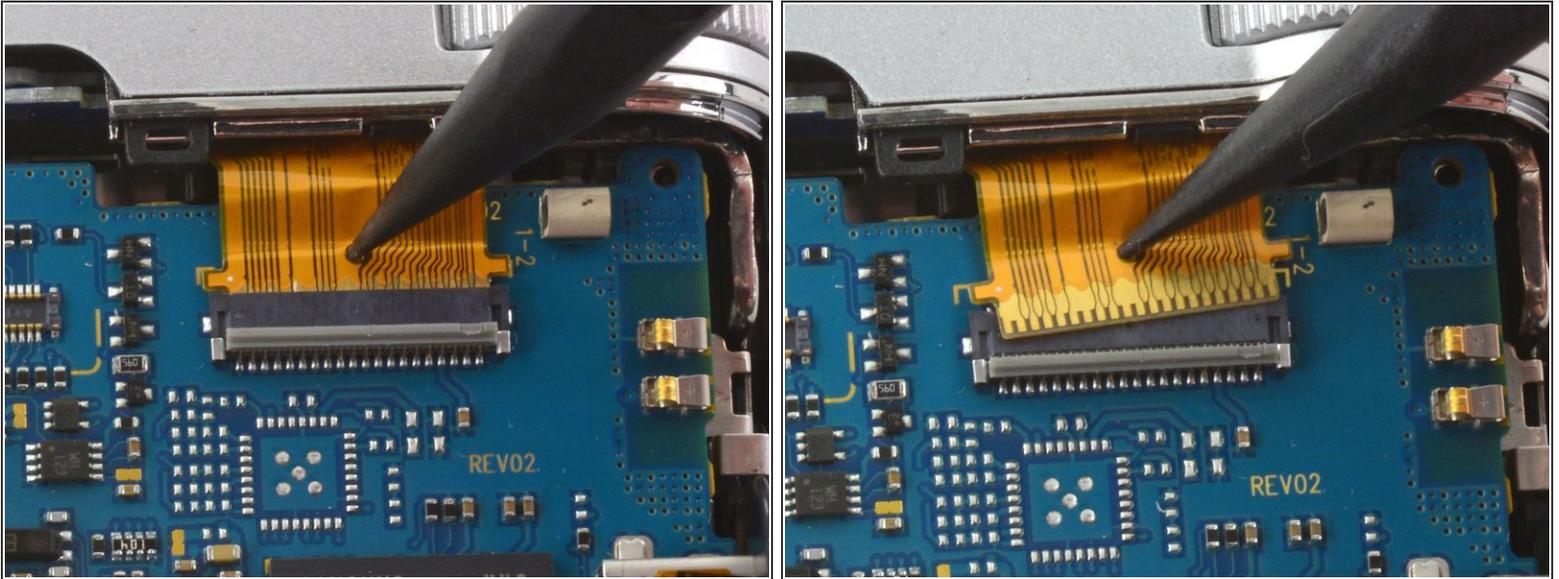
- Use the flat end of a spudger to disconnect the large ribbon cable by prying its metal connector straight up from the motherboard.

Step 15



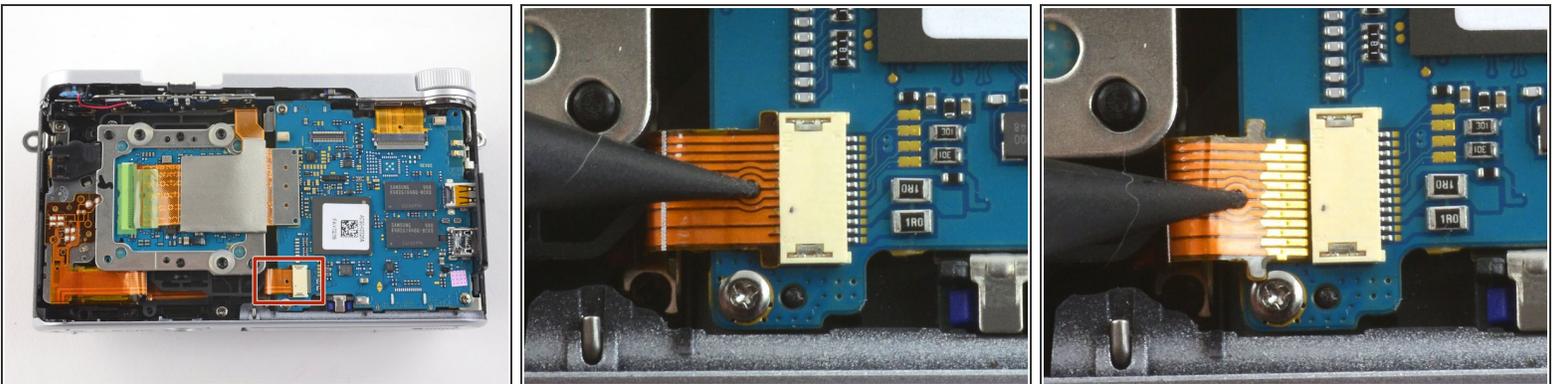
- Use the pointed tip of a spudger to unlock the ZIF connector by flipping the black bar straight up from the motherboard.

Step 16



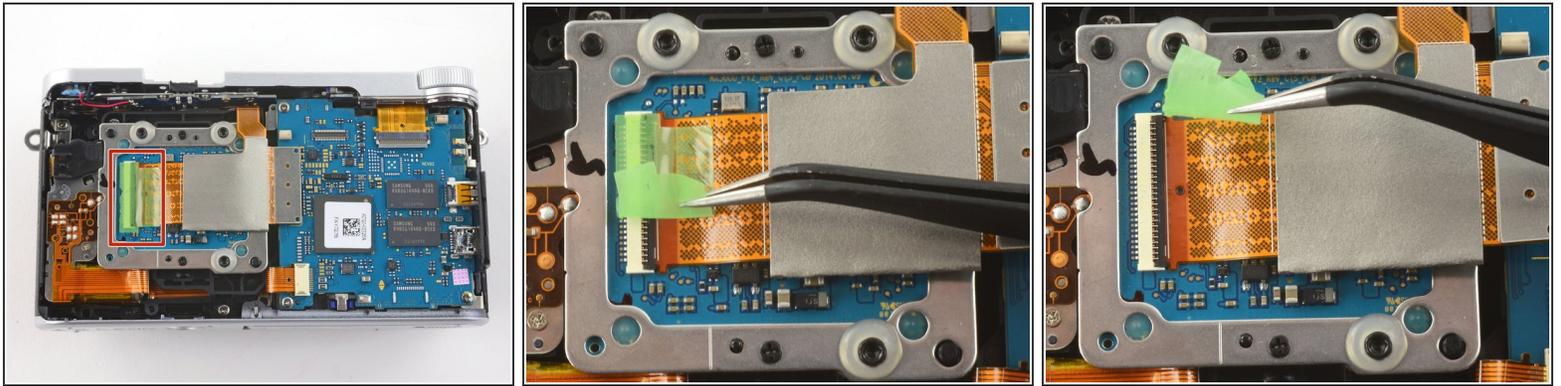
- Insert the pointed end of a spudger into the hole on the ribbon cable.
- Pull the ribbon cable straight out of the ZIF connector.

Step 17



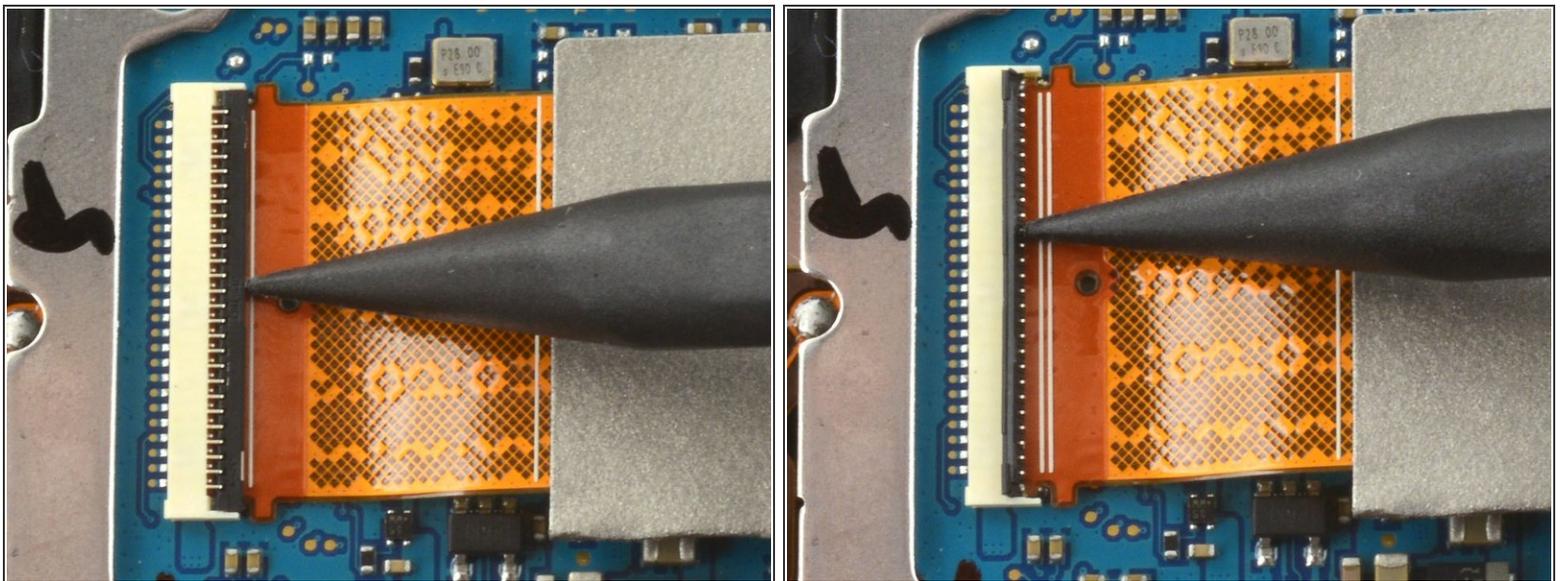
- Insert the pointed end of a spudger into the hole on the ribbon cable in the bottom left corner of the motherboard.
- Pull the ribbon straight out of the connector.

Step 18



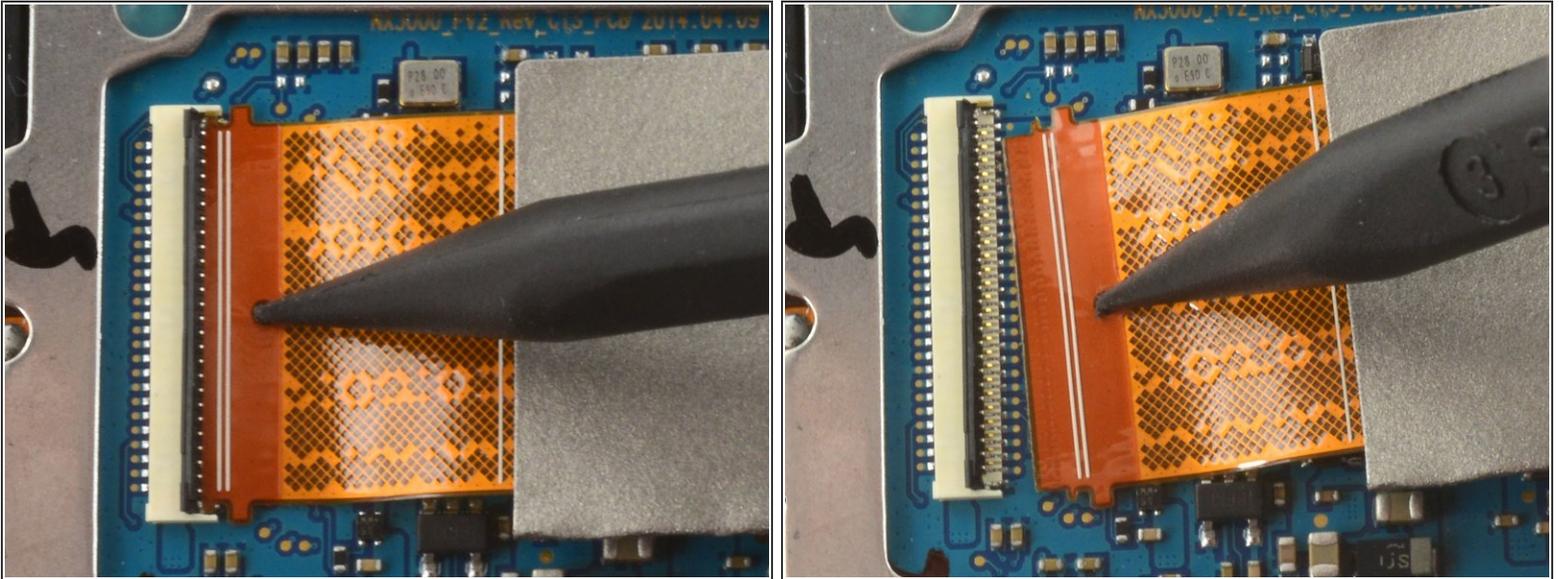
- Use tweezers to remove the green tape covering the ribbon cable on the image sensor.

Step 19



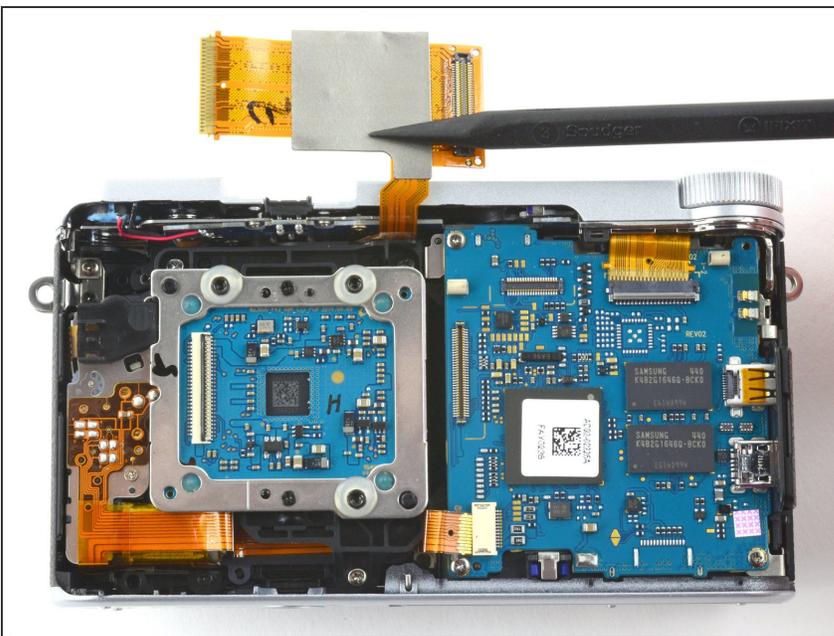
- Use the pointed tip of a spudger to flip the black bar on the ZIF connector straight up from the ribbon cable.

Step 20



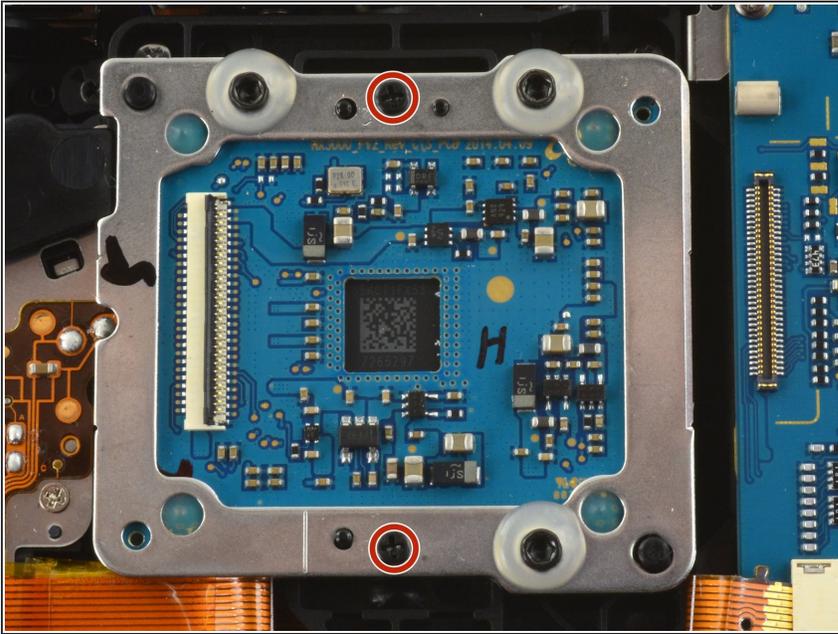
- Insert the pointed end of a spudger into the hole on the ribbon cable.
- Pull the ribbon cable straight out of the connector.

Step 21



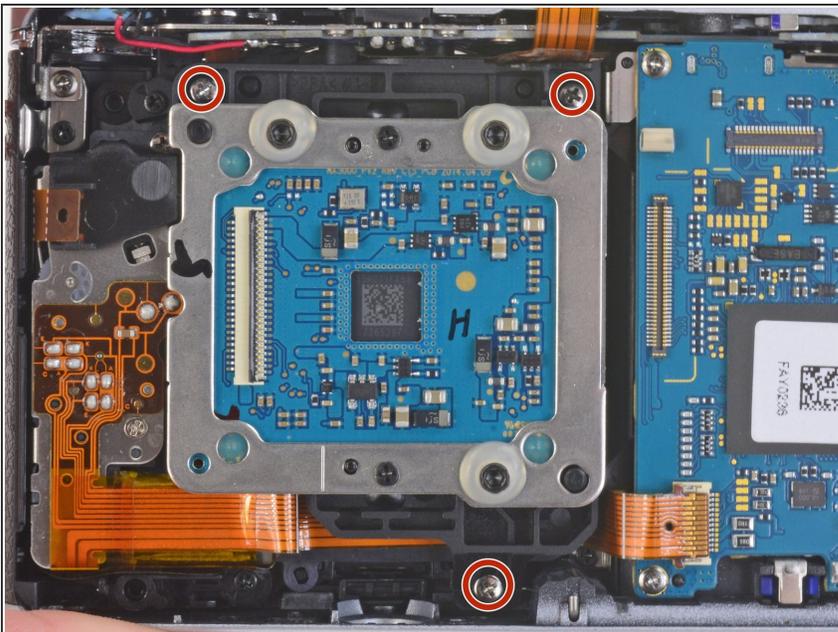
- Use a spudger to peel back the large ribbon cable on the sensor assembly.
- ⓘ The ribbon cable may be attached with adhesive.

Step 22



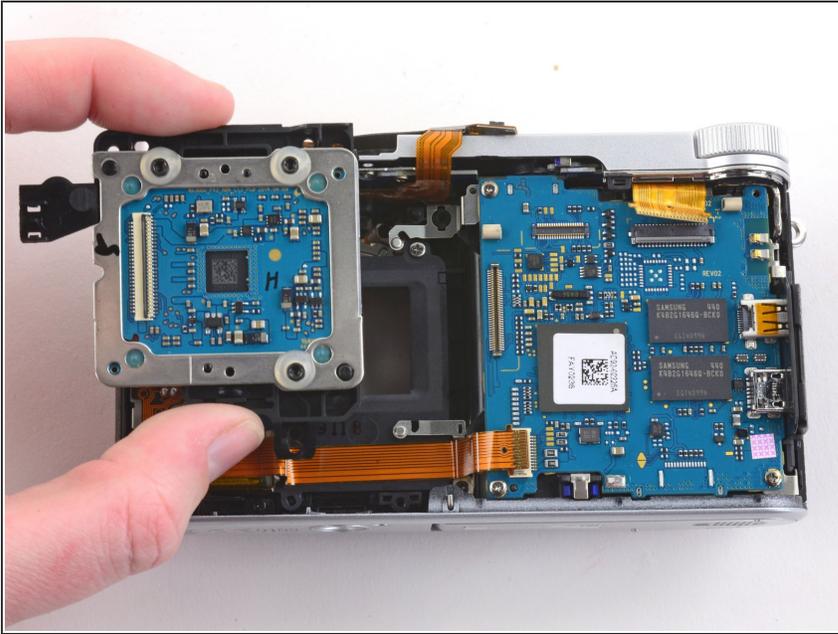
- Remove the two black 3.8 mm Phillips screws on the sensor assembly.

Step 23



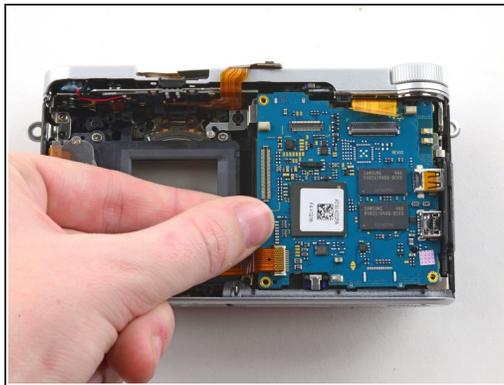
- Remove the three 5.3 mm Phillips screws holding the sensor assembly in place.

Step 24



- Remove the image sensor.

Step 25



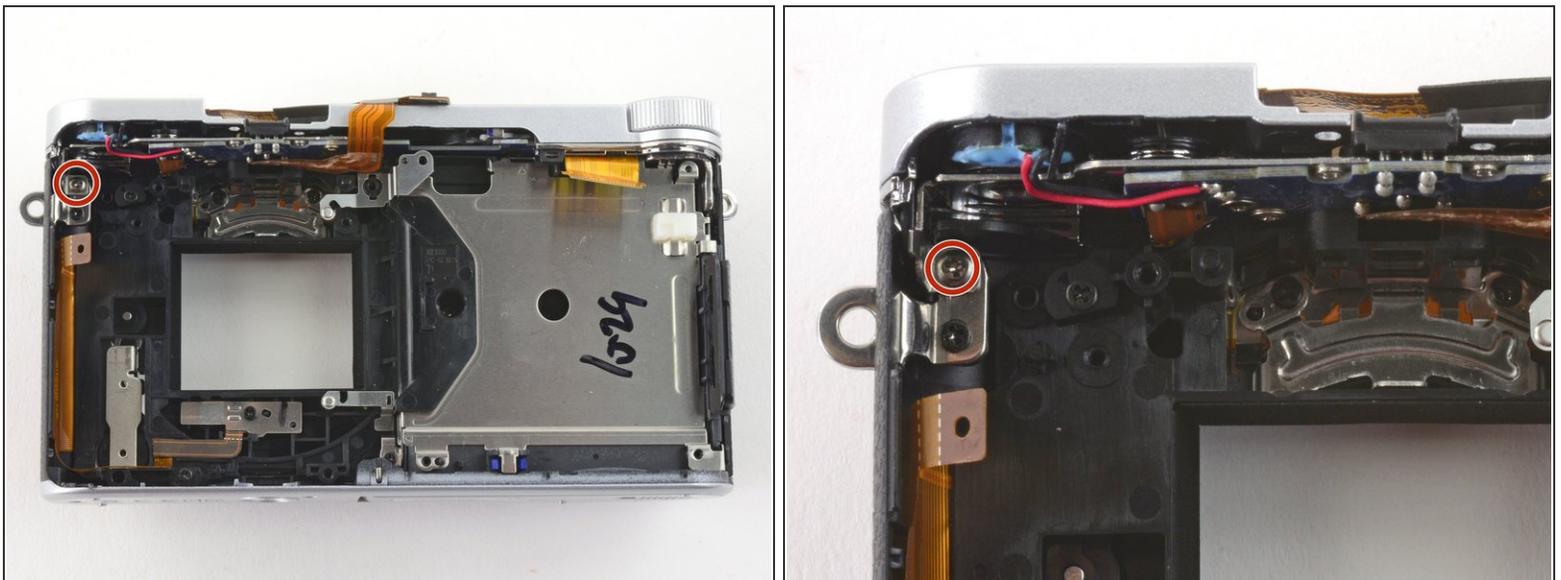
- Remove the three 4.3 mm Phillips screws from the motherboard.
- Remove the motherboard from the camera.

Step 26



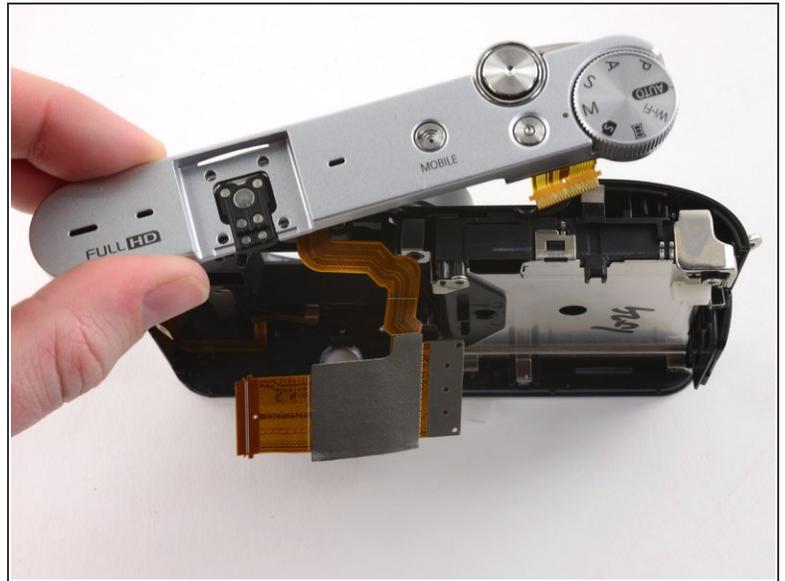
- Remove the two 5.3 mm Phillips screws holding the sensor frame to the case.
- Remove the sensor frame.

Step 27



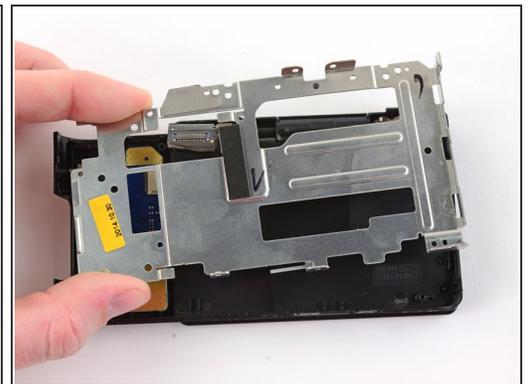
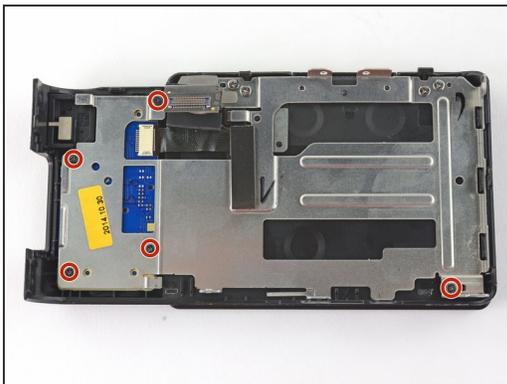
- Remove the 4.3 mm Phillips screw in the upper left corner that secures the top plate to the front case

Step 28



- Remove the top plate.

Step 29



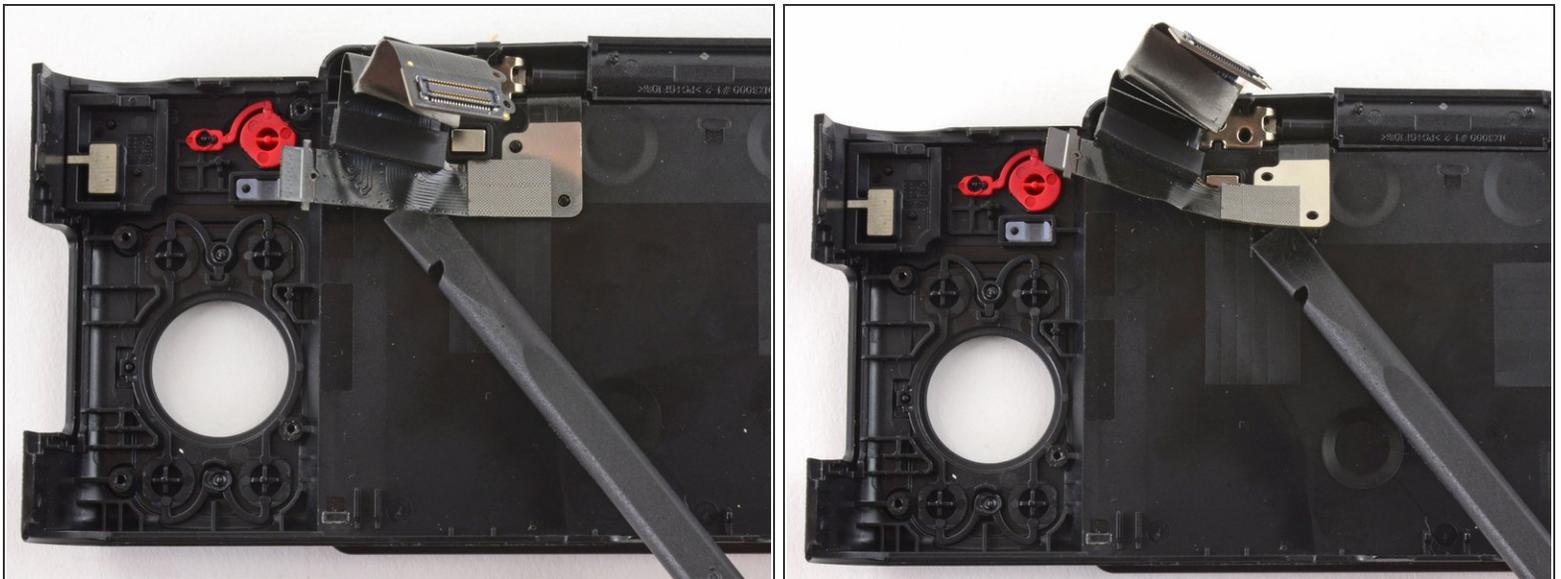
- To remove the metal shield on the back case, remove the following screws:
- Five black 4.2 mm Phillips screws .
- Four silver 5.3 mm Phillips screws.

Step 30



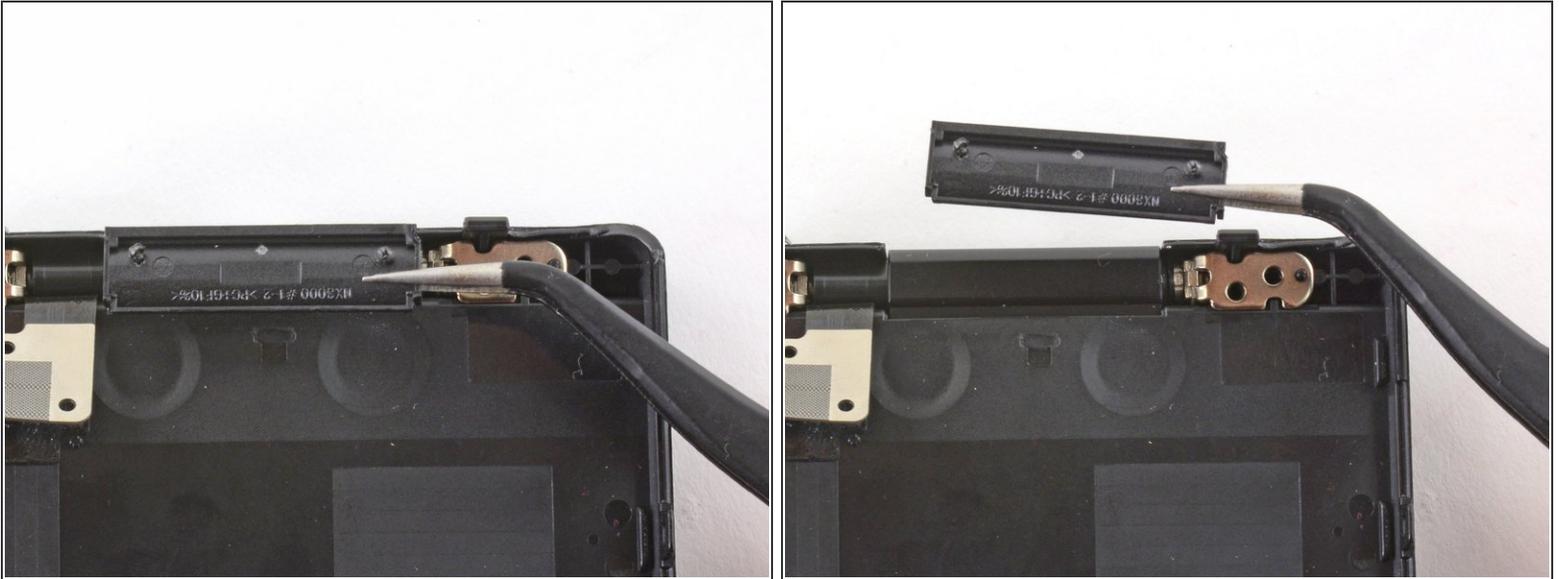
- Use the pointed end of a spudger to remove the ribbon cable attaching the button panel to the back case.
- Remove the button panel.

Step 31



- Use a spudger to peel back the LCD ribbon from the back case.
- ⓘ The ribbon is held in place by adhesive.

Step 32



- Use tweezers to remove the plastic cover on the LCD hinge.

Step 33



- Tilt the LCD so it lays flat against the back case.
- Wiggle the LCD joints and pull the LCD away from the back case.

Step 34



- You have successfully disassembled the Samsung NX 3000!

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