



Sony DSC-RX100MA Image Sensor Replacement

This guide will show you how to replace the image sensor inside the camera.

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 **TOOLS:**

- [Phillips #0 Screwdriver \(1\)](#)
- [iFixit Opening Tools \(1\)](#)

Step 1 — Back Cover



- Remove battery by sliding the tab to open the cover

Step 2



- Using the screwdriver, remove all screws (black 2.5mm) from outermost layer of the assembly.

***(i)* All screws in the camera can be removed with the PH 0 driver head.**

Step 3



- Also using the screwdriver, remove screws (black 2.5mm) underneath articulated LCD screen.
- Remove the marked 1 mm screws with the screwdriver

Step 4



- Using the plastic opening tools, carefully pry off the bottom plate.

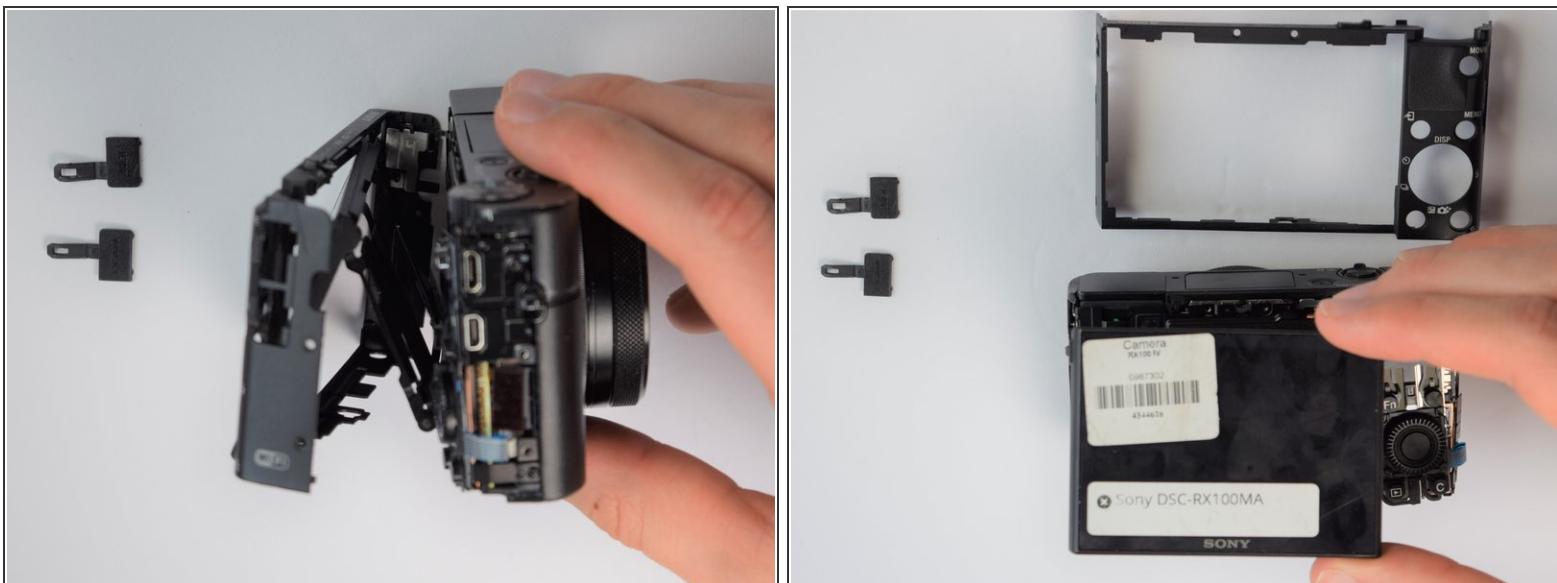
⚠ Do not pull too hard as you may break the plastic casing.

Step 5



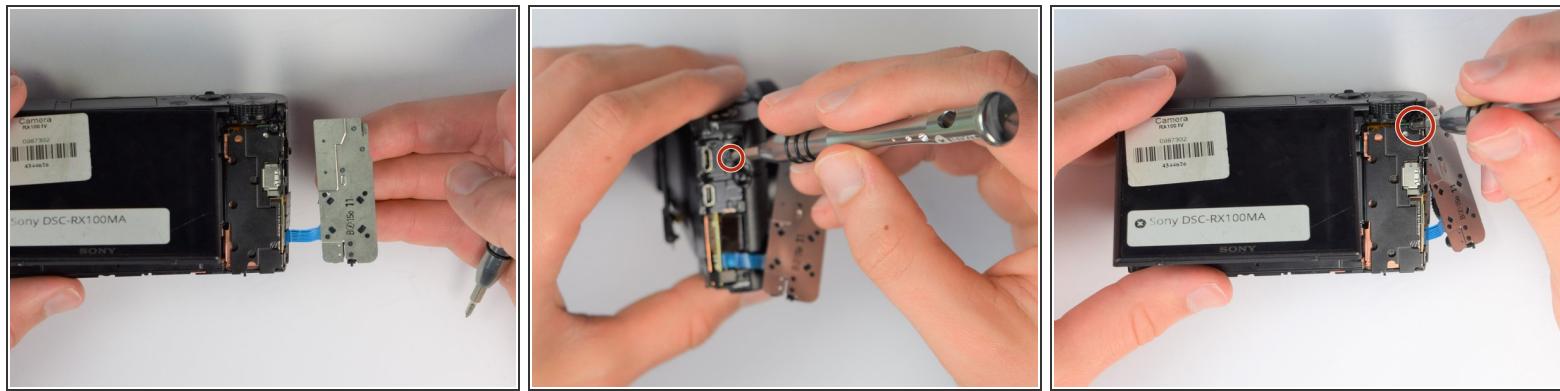
- Using the same plastic opening tools, separate the screen and back assembly from the front portion of the camera
- Once the back assembly is slightly detached, pull the media covers for the HDMI and Multimedia ports

Step 6



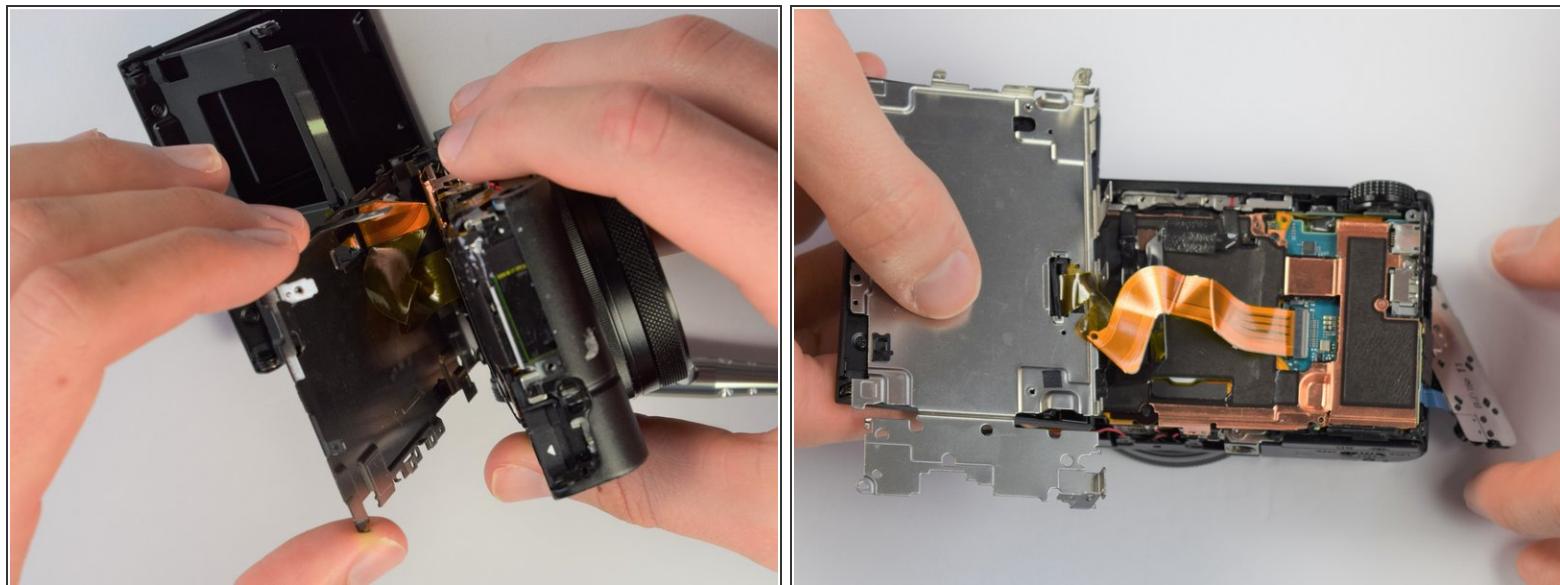
- Remove the back cover

Step 7 — Screen



- Move side panel to get access to screws
- Remove two screws (black 2.5mm) with PH #0 screwdriver

Step 8



- Remove back panel assembly while still keeping ribbon cable attached

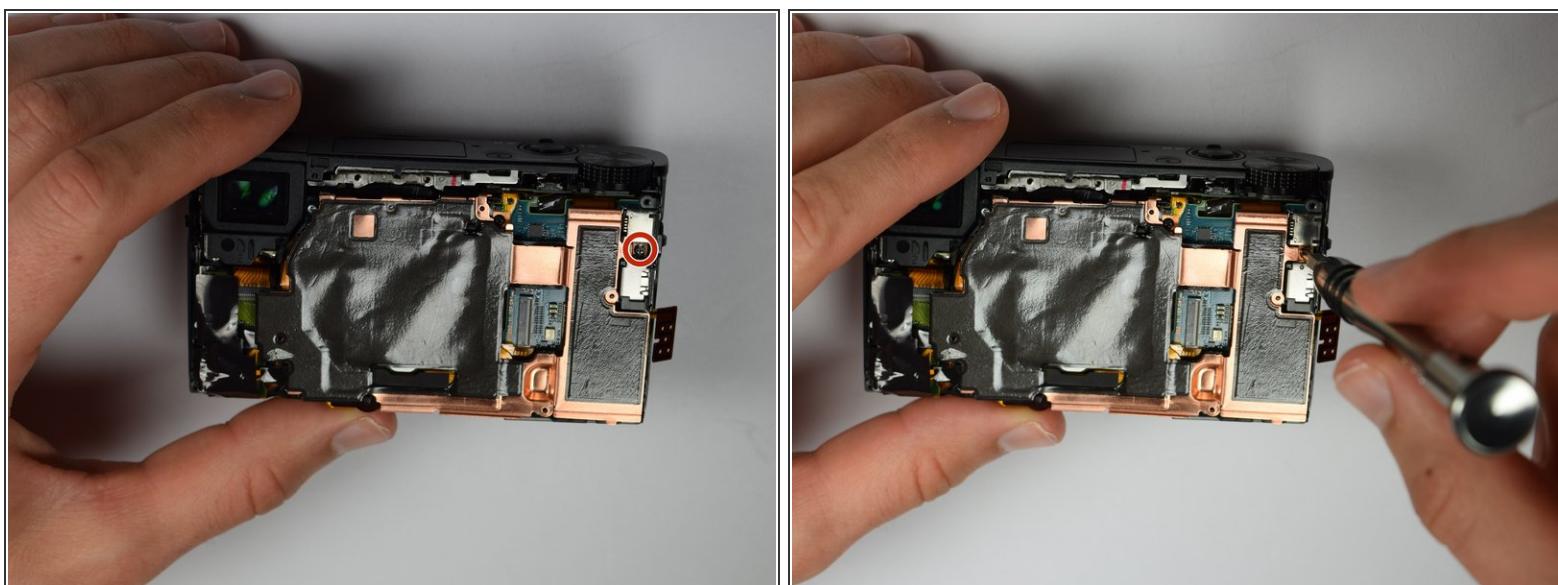
⚠ Be very gentle and care not to tear the gold ribbon cable. This will be a common theme throughout these replacement guides.

Step 9



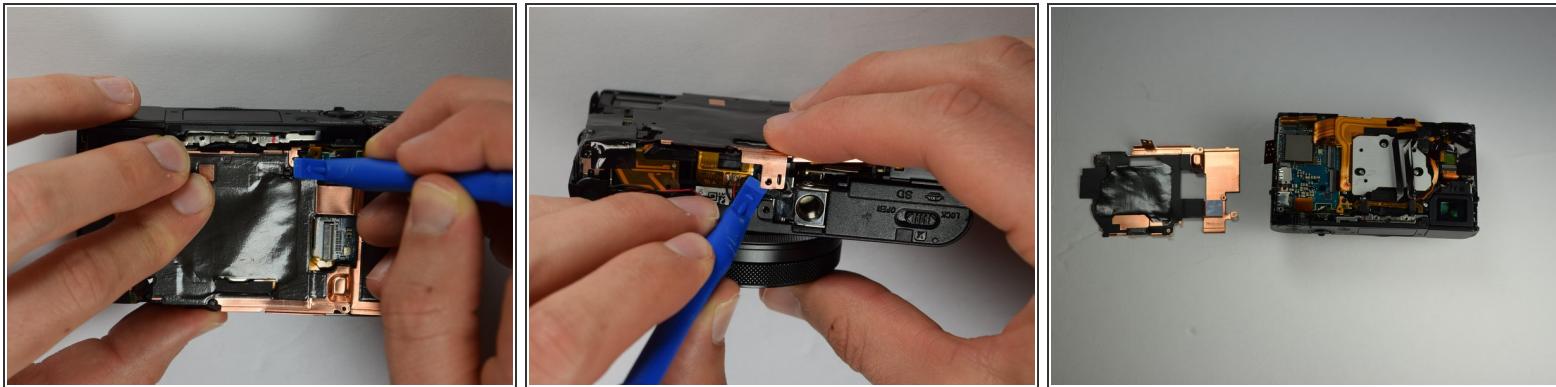
- Carefully unplug ribbon connector to fully detach LCD screen assembly from camera

Step 10 — Image Sensor



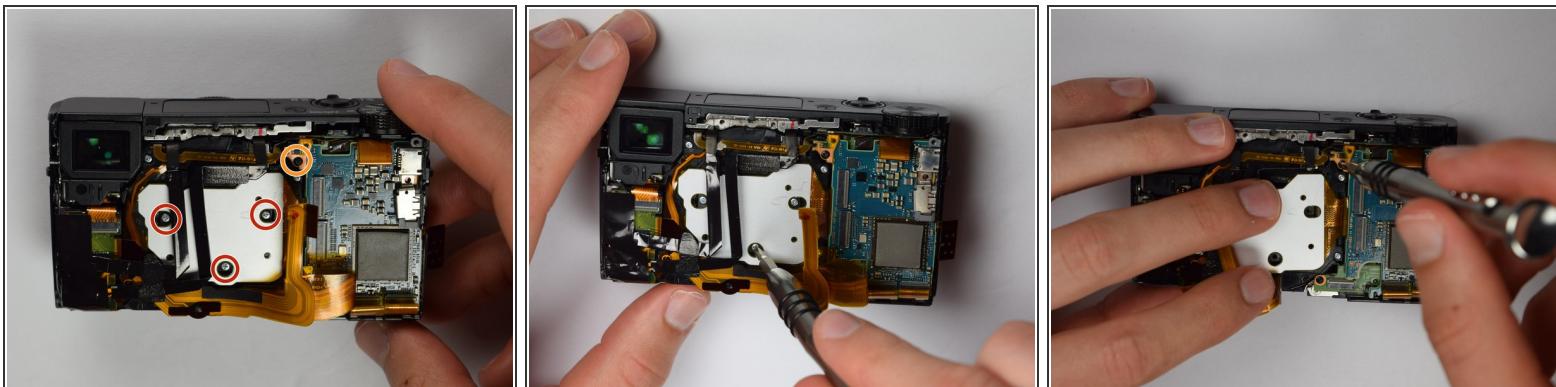
- Using the Philips Screwdriver, remove the screw (black 3mm) located on the copper casing.

Step 11



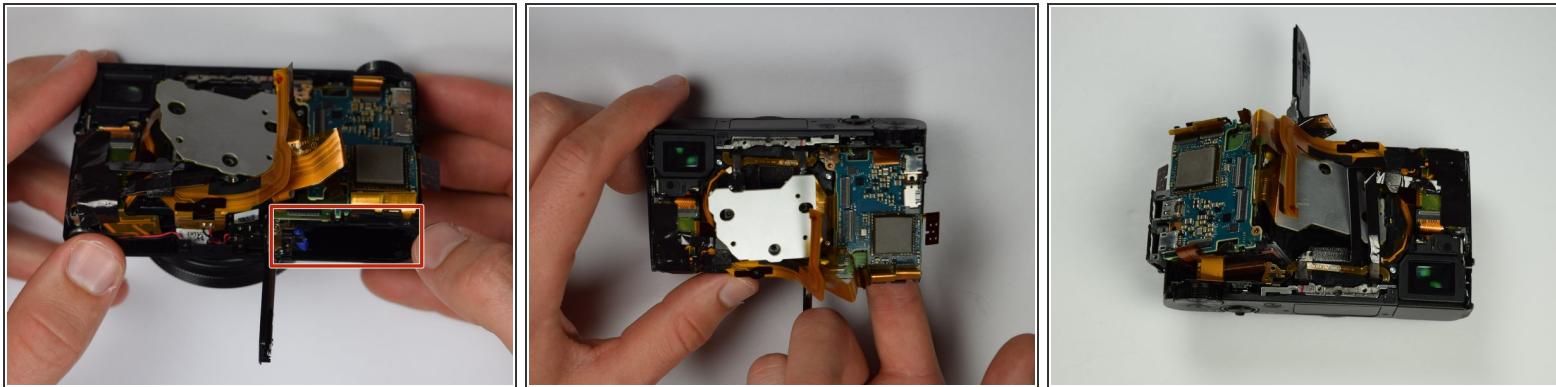
- Using the plastic opening tools, carefully pry off the copper casing at the two pictured points.
- Remove casing.

Step 12



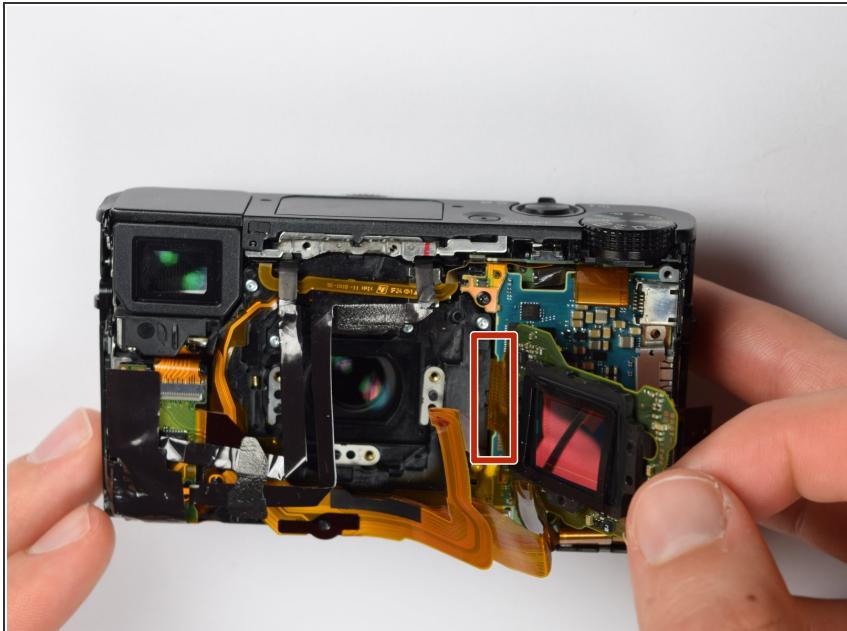
- Using the Philips screwdriver, remove the three (silver 3mm) screws
- Remove the screw (silver 2mm) from the upper right hand corner

Step 13



- Place your finger into the battery port and push up on the SD card holder to push it out of its socket.
- Give it a little wiggle and you should feel the SD card holder come out.

Step 14



- Now you can remove the marked gold ribbon cable from the SD card holder.

 Utilize extreme caution while removing because the ribbon cables are extremely fragile and important to the camera.

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