



Nikon 1 J5 Teardown (partial, repair purpose)

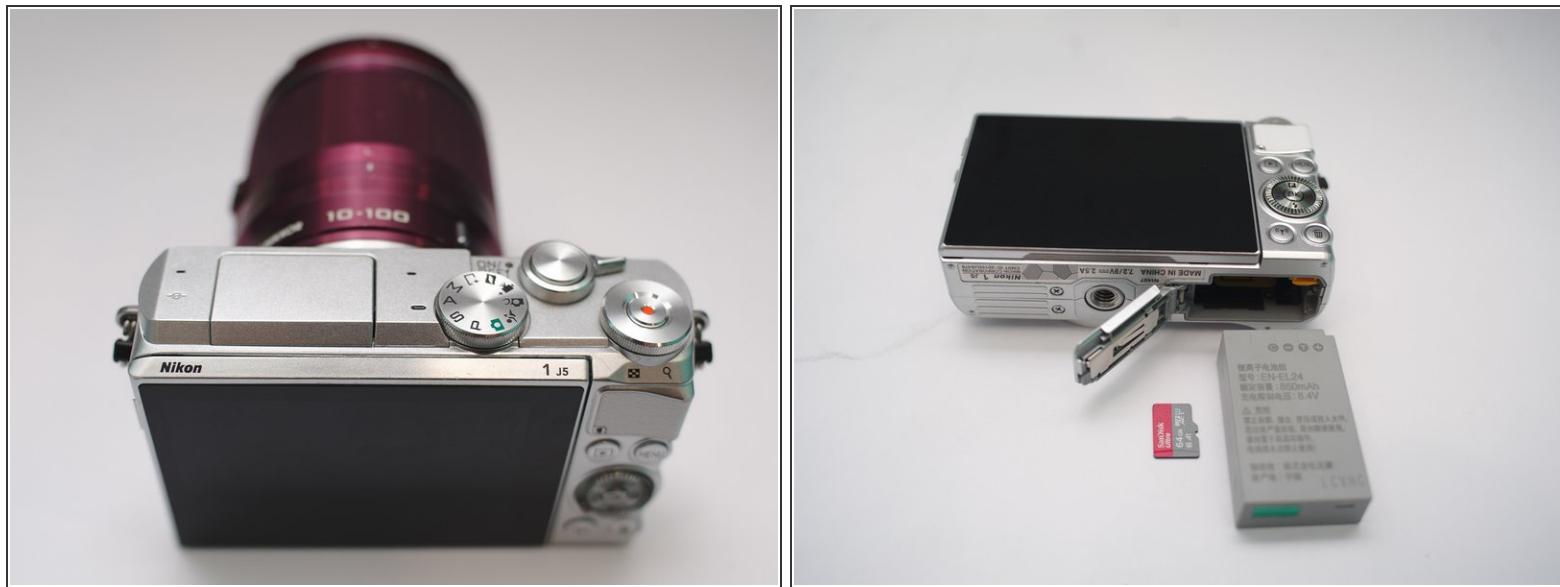
Written By: Terrance



 **TOOLS:**

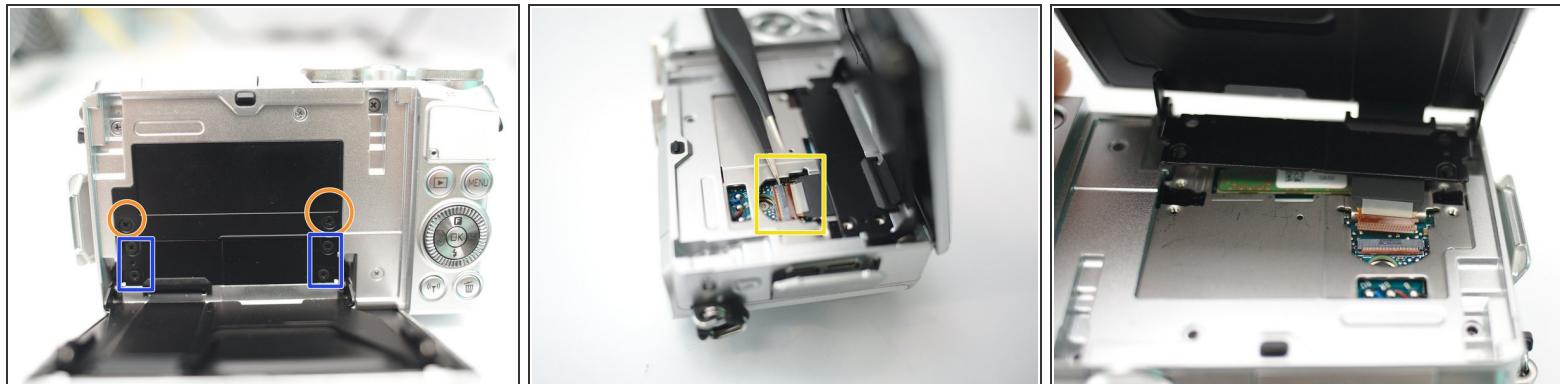
- Pro Tech Toolkit (1)

Step 1 — Nikon 1 J5 Teardown (partial, repair purpose)



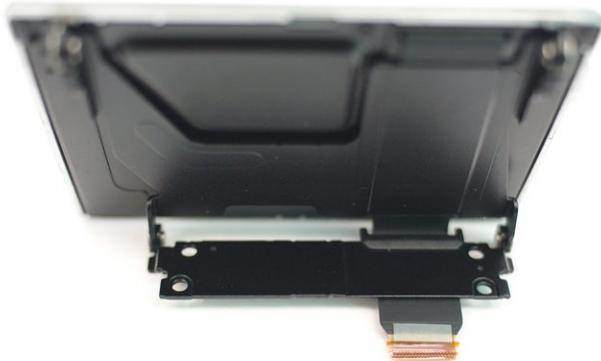
- Remove Lens, MicroSD Card and Battery

Step 2 — Remove/Replace LCD/Touchscreen



- Remove 2 screws first
- Lift the cover
- Disconnect LCD FPC
- Then remove 4 screws
- Remove LCD assembly

Step 3 — The LCD assembly and FPC connector



- Insert wisdom here.

Step 4 — Bottom side



- Remove 2 screws

Step 5 — Left Side(The LEFT when you holding it the right way)



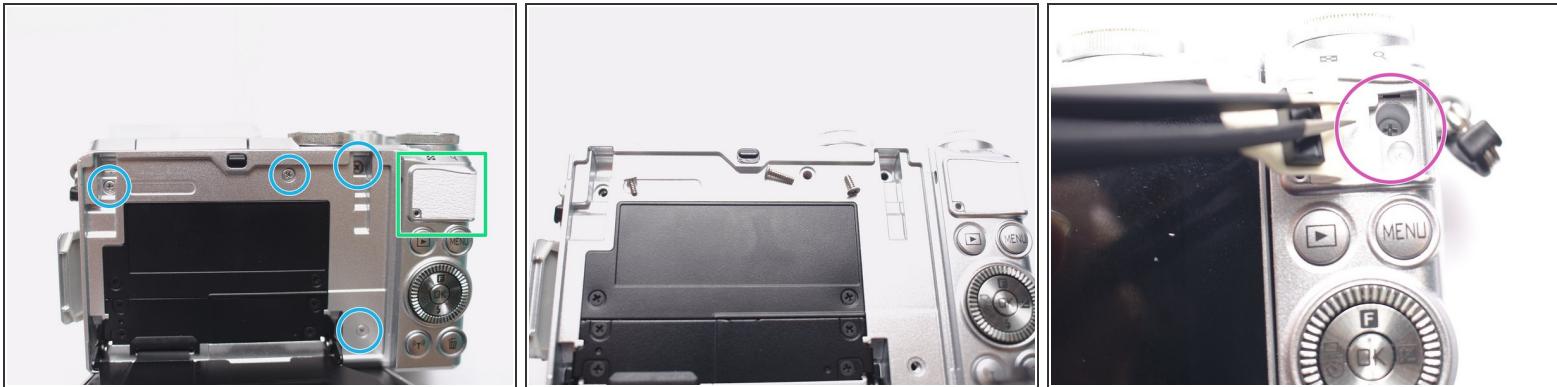
- Open connection bay
- Remove 2 screws

Step 6 — Right side(the RIGHT when you holding it the right way)



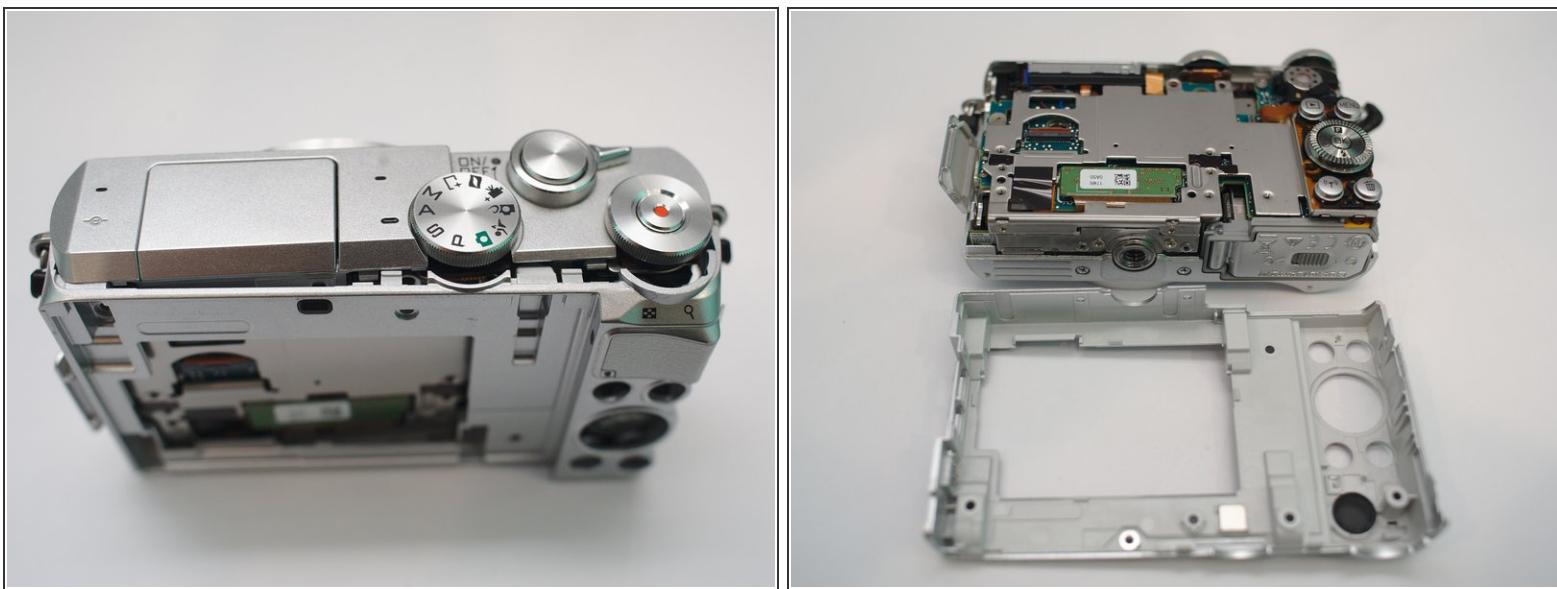
- Remove 1 screw under the DC power cable notch cover

Step 7 — Back side(again)



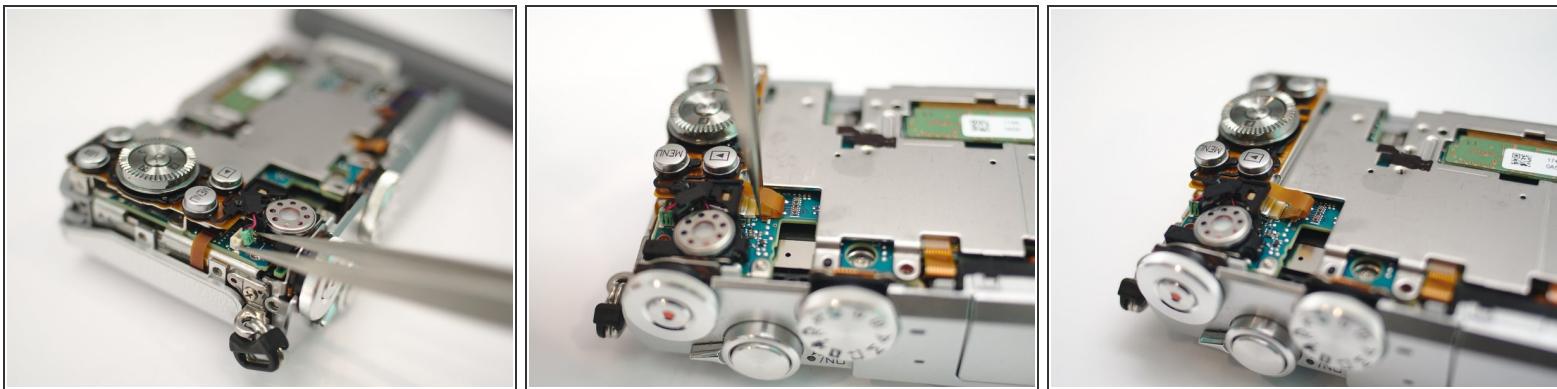
- Remove 4 screws and be ware the length difference
- Peel the rubber open from right hand side
- Remove 1 screw

Step 8 — Back case



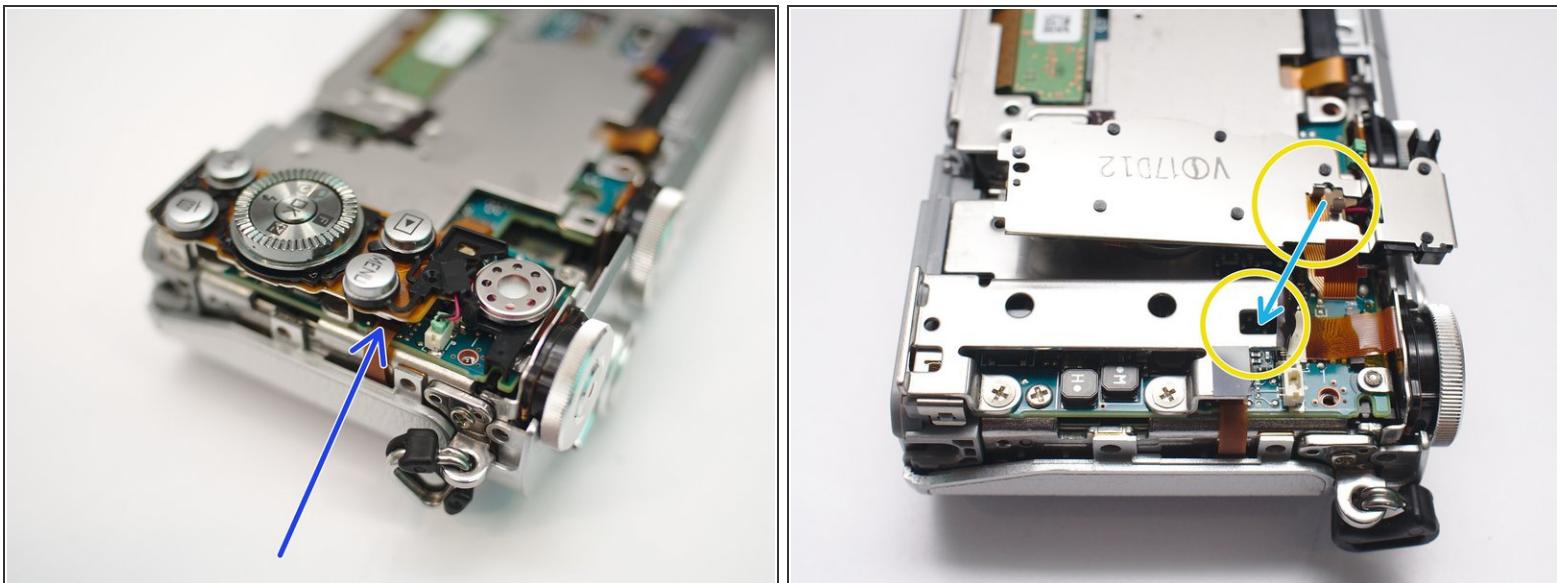
- Now the back case can be removed.
- There's no fragile FPC or cables in this step. Just be patient.

Step 9 — Keypad



- Disconnect speaker cable
- Pull out keypad cable

Step 10



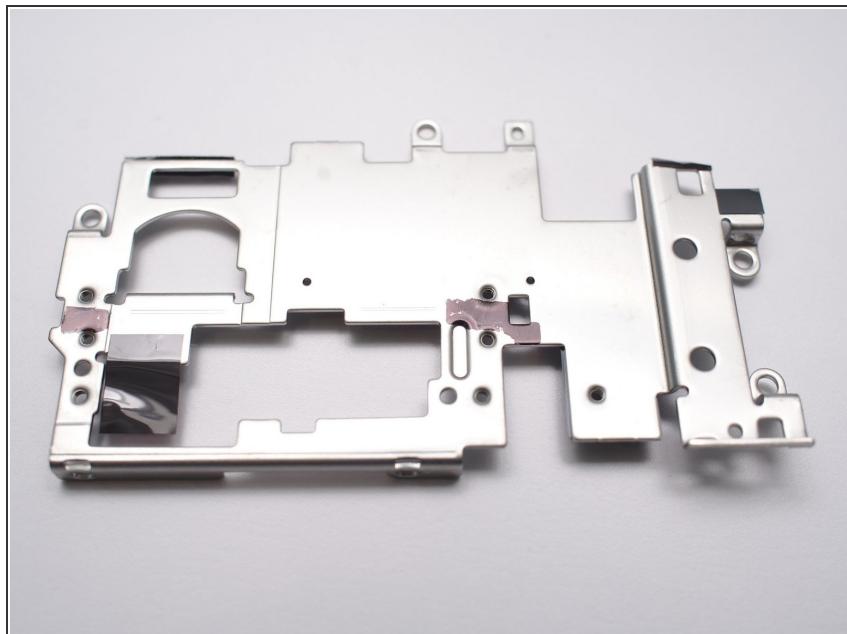
- Insert small crowbar or flat head screw driver here to lift the keypad up.
- ⚠ Those clips are very tight.

Step 11 — Shielding cover



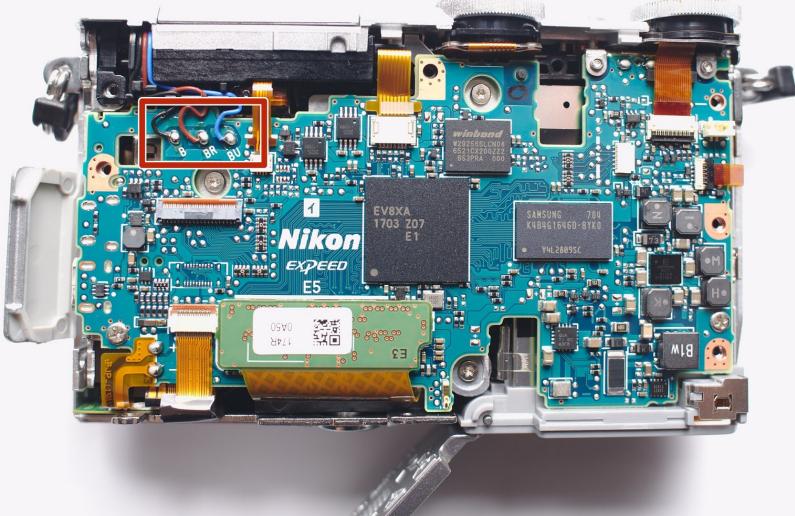
- Remove 3 screws
- Remove 2 screws
- *(i)* Notice the sizes of screws

Step 12 — Shielding cover



- Need some tape peeling

Step 13 — Discharge flash reservoir capacitor



 Dangerous DC Voltage > 200V

- Use 10kohm, >2W resistor, connect Brown and Blue point for more than 10sec.

 DMM's Low-Z voltage works even better.

 Measure voltage between 3 points to ensure voltage <10V

Step 14 — TO DO



 More steps coming soon.

 Some soldering/de-soldering work needed to remove/replace the main PCB