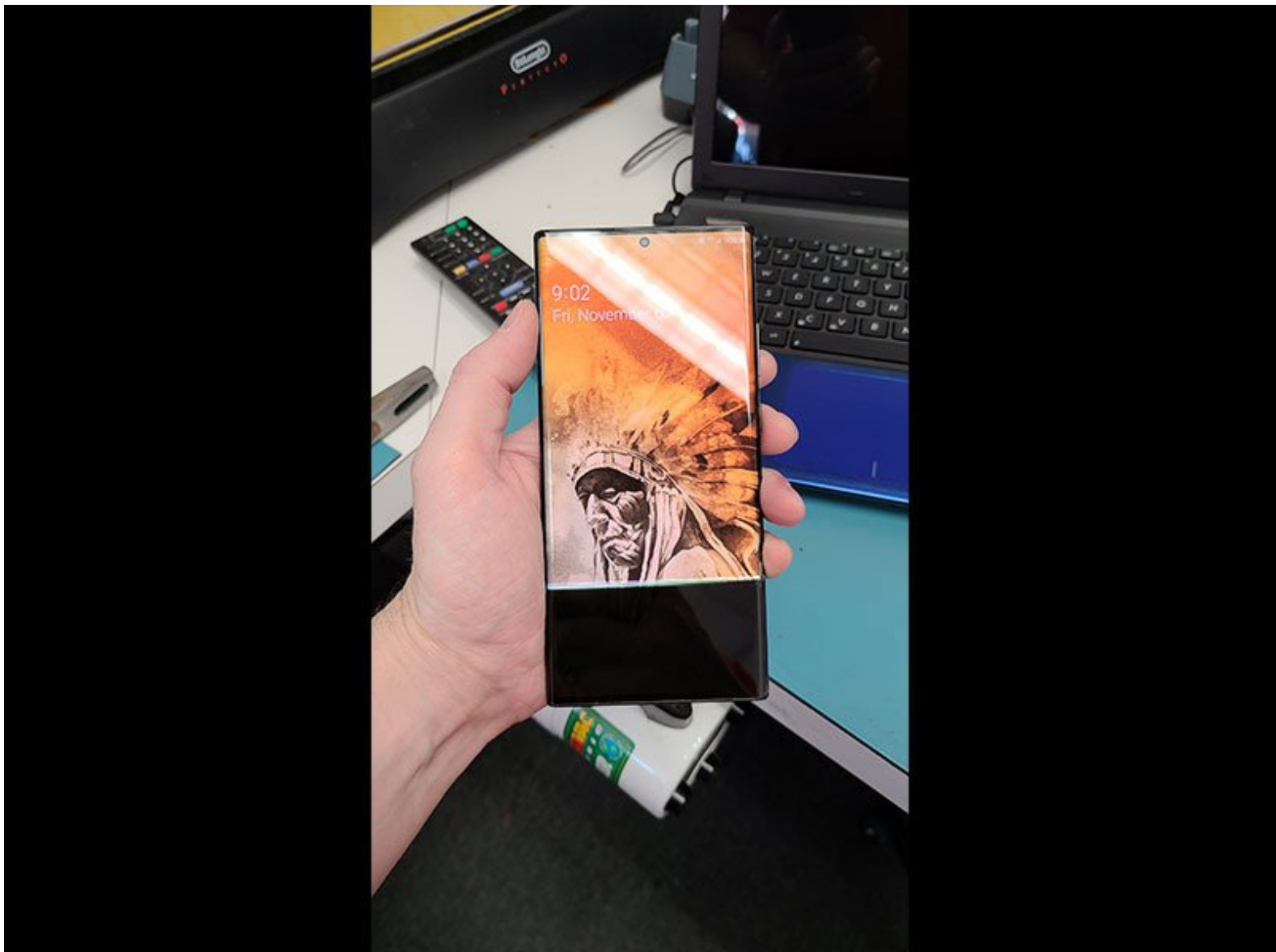




Screen Replacement For Samsung Note 20 Ultra

Easy guide to follow for a Samsung Note 20 Screen Replacement

Written By: Mark D Schlossman



INTRODUCTION

I repaired a couple of screen replacements for the Samsung Note 20

I did one that needed a back glass and one that did not.

Created a custom back glass to troll my older brother for not having a case on a brand new phone.

The replacement screens had not even been created yet until now we waited for 3 weeks!



TOOLS:

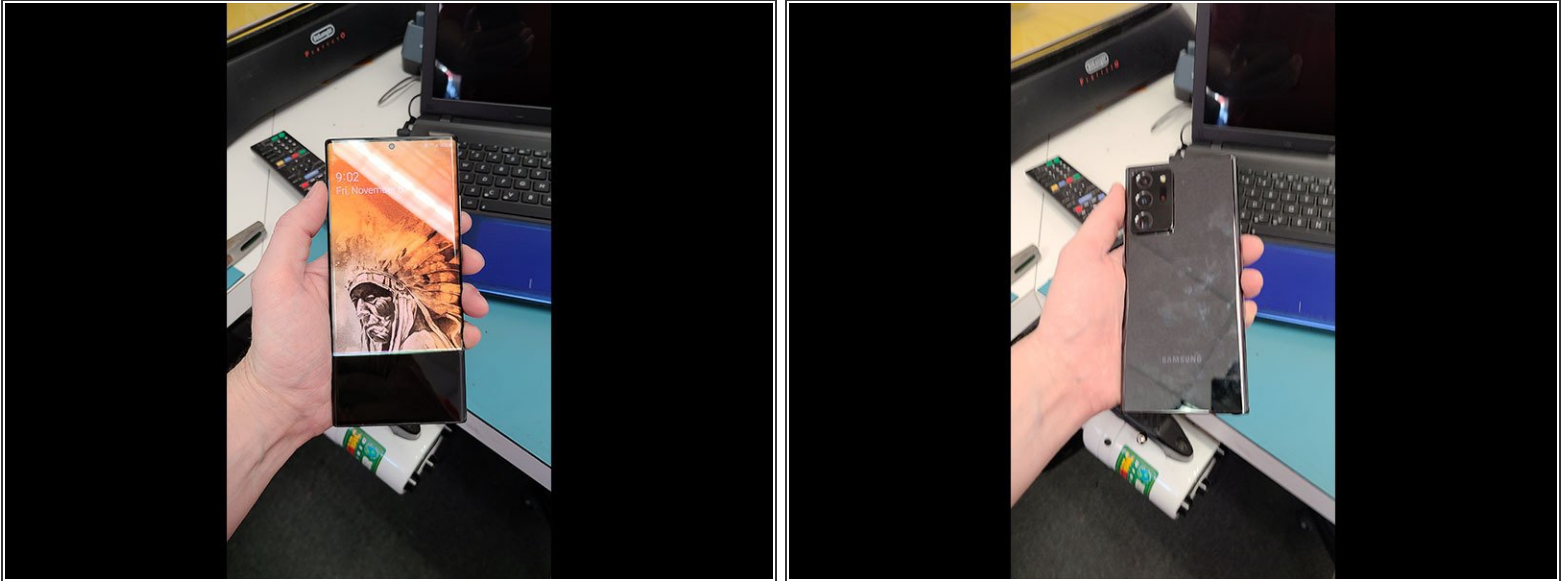
- [Phillips PH000 Screwdriver](#) (1)
- [Prying and Opening Tool Assortment](#) (1)
- [Suction Handle](#) (1)
- [High Content Rubbing Alcohol](#) (1)
- [heatgun](#) (1)



PARTS:


- [Samsung Note 20 Ultra Screen](#) (1)

Step 1 — Identify the problem

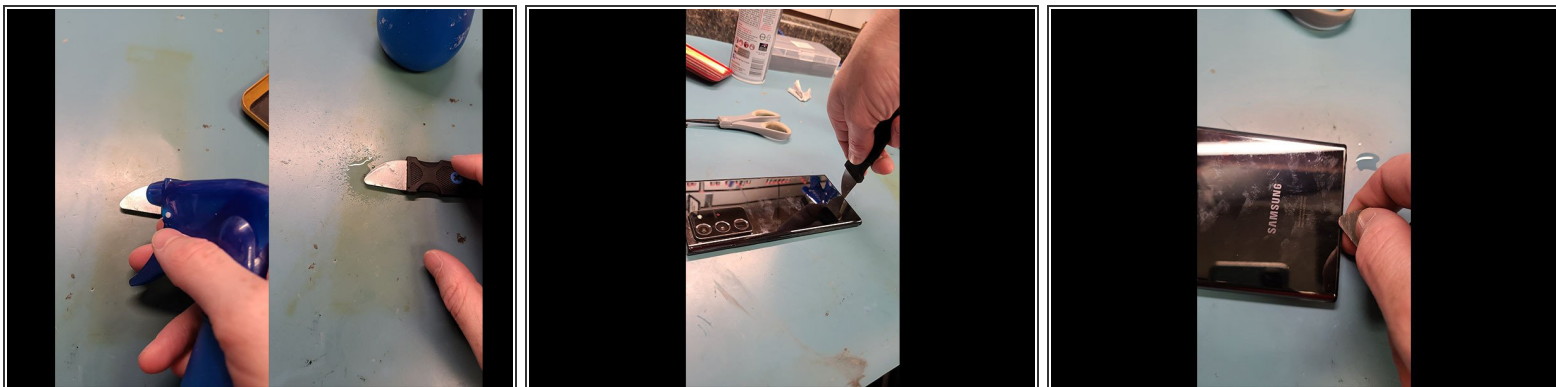


- On this Note 20 the OLED is clearly broken and has a crack on the side.
- The back has no damage to it so apply heat.

 **Apply Heat to back glass**

 I do not have a picture of my heating process I hope you have a heat gun I use a crock pot with rubber in it.

Step 2 — Prep for back glass removal



⚠ BE SURE THE BACK GLASS IS TOO HOT TO TOUCH!

i I prep my ifixit splicer with 99% alcohol to help loosen adhesive.

- Start from the bottom straight up and down push tool in until you hit the frame you will hear a sound
- Slide tool at angle stop at the curve

Step 3 — Back Glass Removal

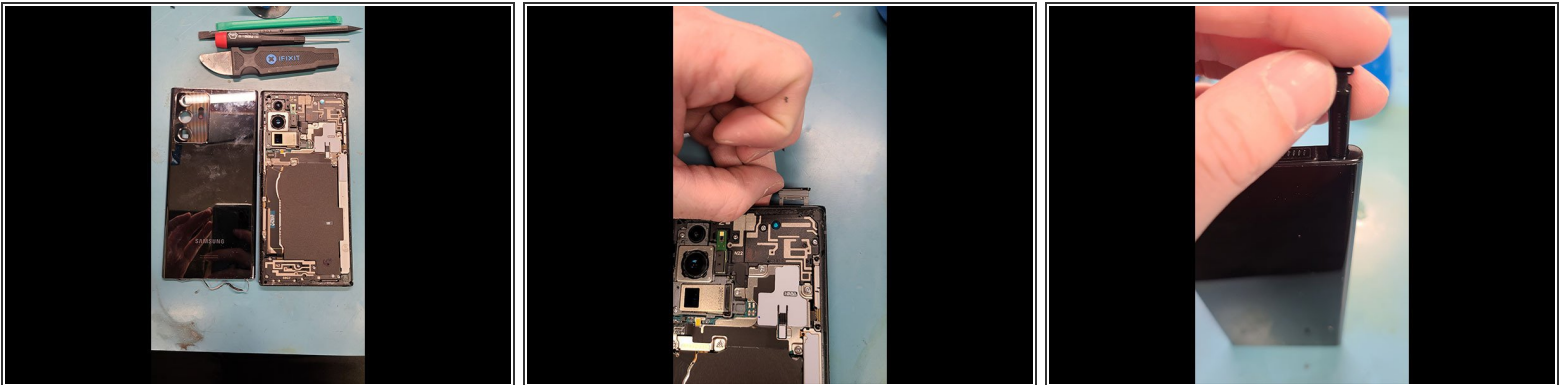


- After loosening the bottom pull tool out.

⚠ Heat is Applied

- Now pry with your fingers and pull up with suction cup.
- While sticking splicer on curved edge side slowly working wiggling down the curve edge
- Lift and wiggle the back glass off

Step 4 — Remove Sim/Stylus

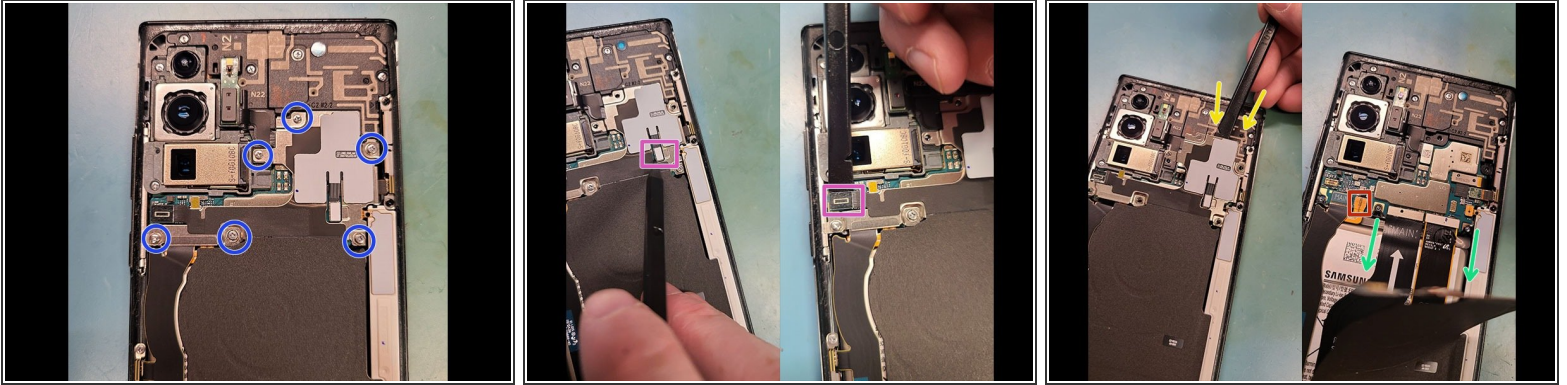


- We did it no cracks! High Five Yourself

⚠ Remove Sim Card

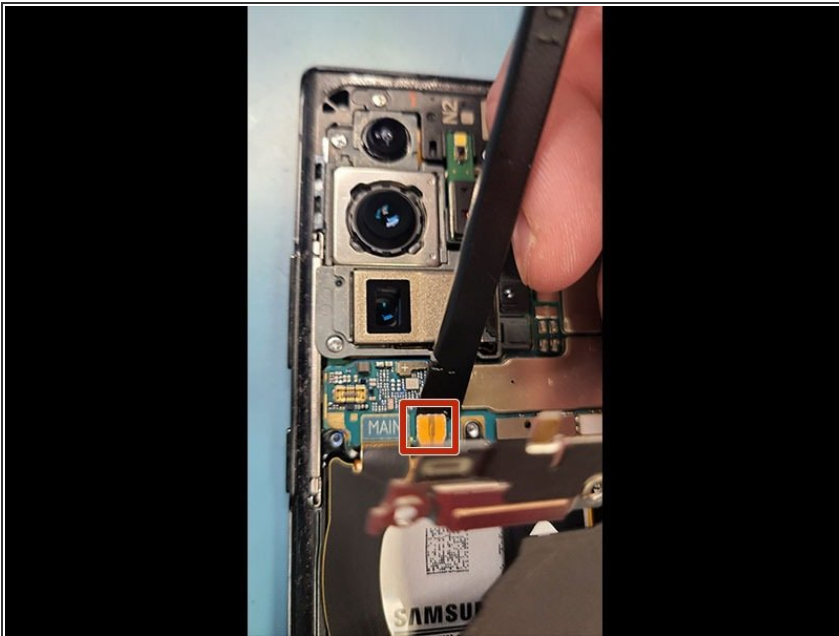
- ☑ Remove stylus

Step 5 — Wireless Charging Coil



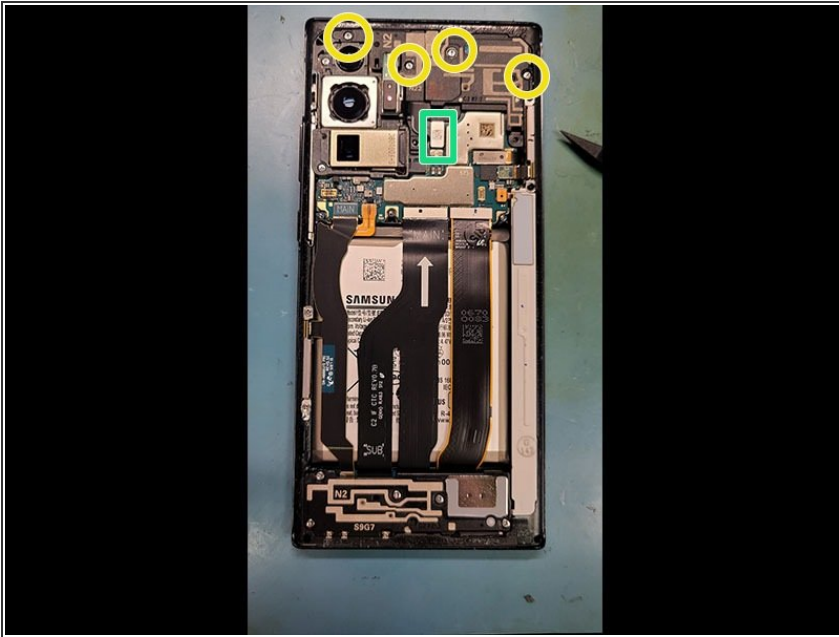
- Remove 6 PH000 Screws from the wireless charging pad covering the battery connection.
- Disconnect wireless coil from connections with plastic spudger
- Use spudger at top on the metal squeezing it under the top of the wireless charging pad bracket.
- Lift and wiggle slowly the charging pad off while locating the battery connection
- Battery Connection!!

Step 6 — Disconnect Battery



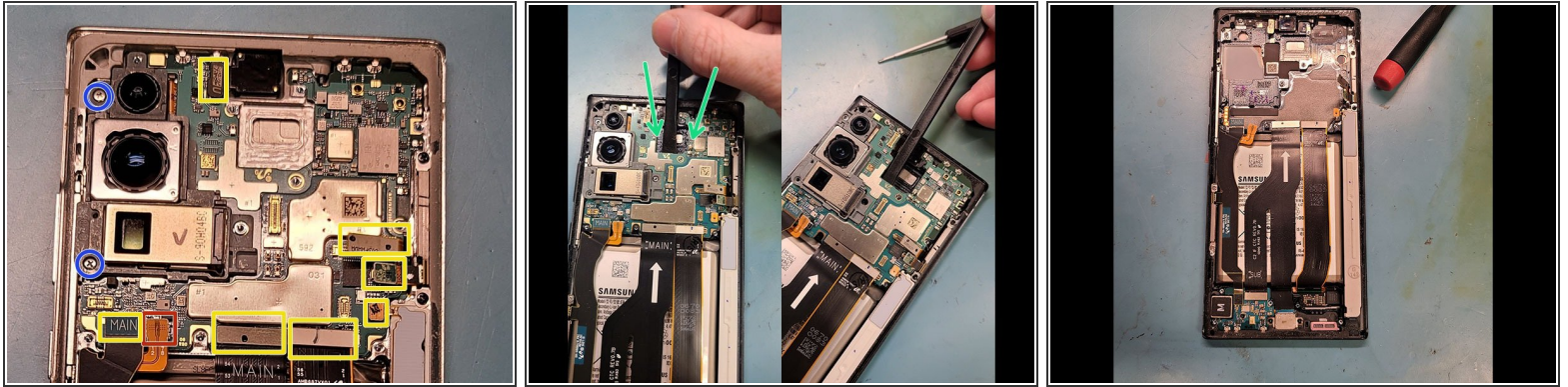
⚠ Disconnect the battery with spudger!

Step 7 — Ear Speaker Bracket





- Remove 4 PH000 Screws to the ear speaker bracket.
- Also disconnect this connection!
- ★ Please comment is this a proximity sensor?

Step 8 — Mainboard

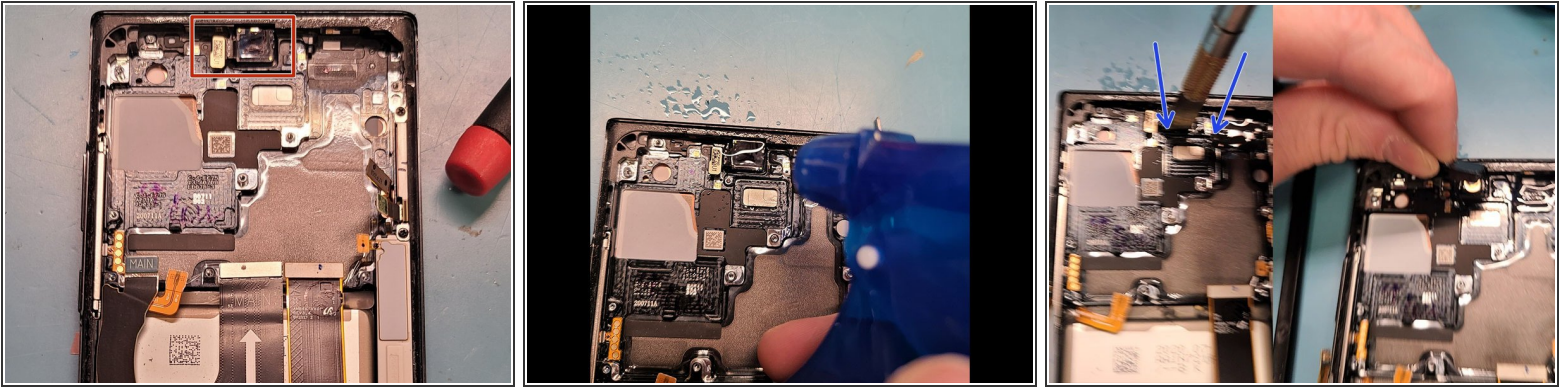


 The battery should already be disconnected!

 Use a spudger

- Make sure its disconnected
 - Disconnect all yellow boxed connections!
 - Remove the 2 PH000 Screws holding the camera
 - Lift mainboard with spudger from ear speaker goin down using the frame as a leveler
-  With all the connection the board may snag on the connections be slow and observer feel for tension.

Step 9 — Front Camera



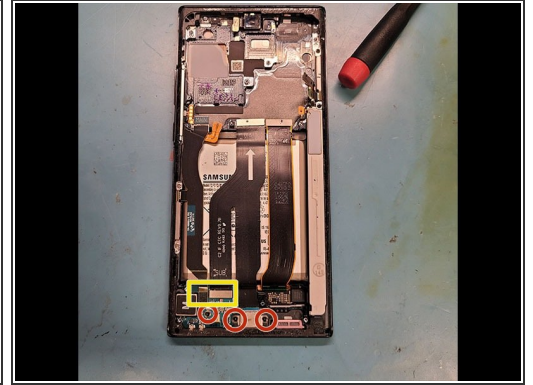
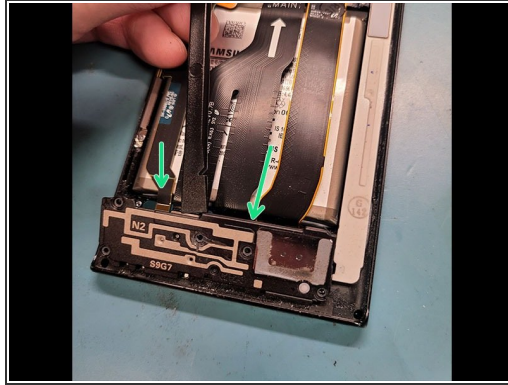
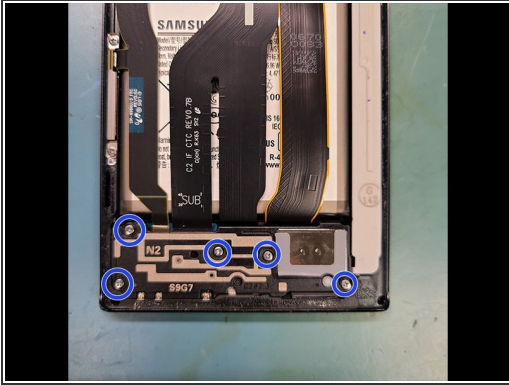
⚠ Front Camera do not break it is serialized to the phone! Can't be repaired if is broken!

- Front Camera Location

✦ Use heat or 99% alcohol to get it removed

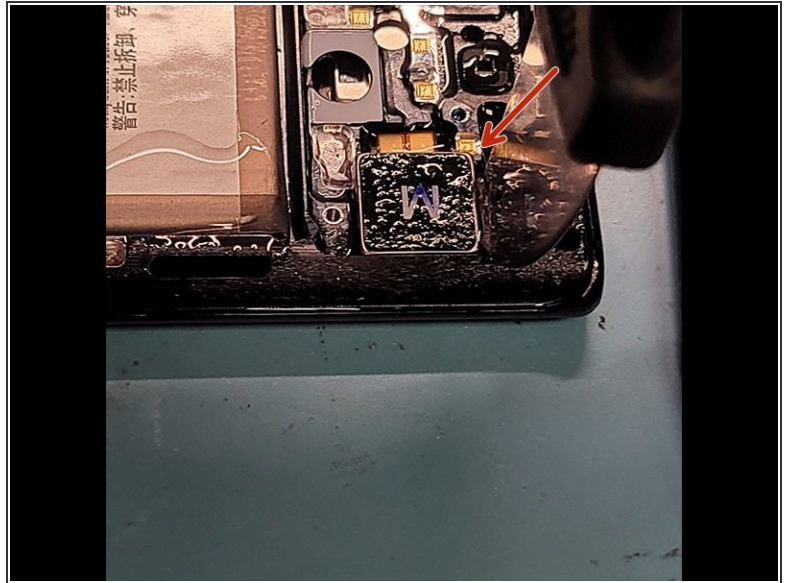
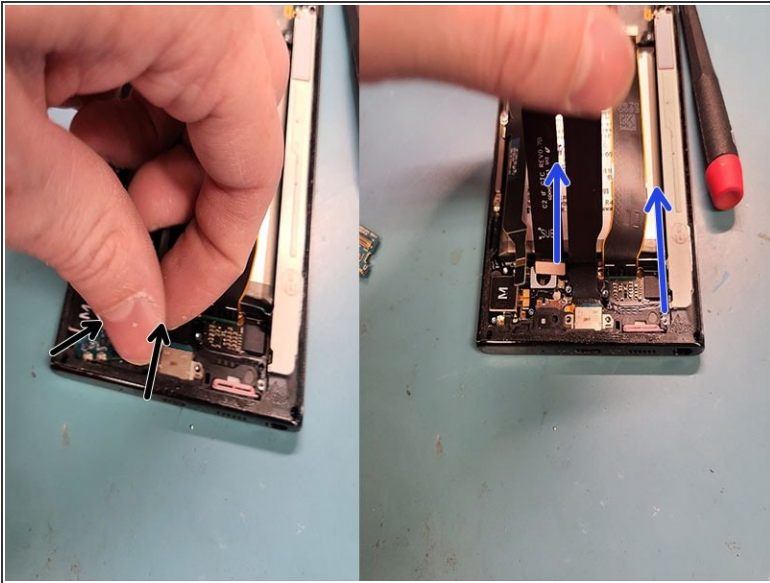
- Use straight edge blade at bottom of camera to break it loose. You can actually pull the glue/adhesive out it will come out in one chunk.
- Lift camera out slowly

Step 10



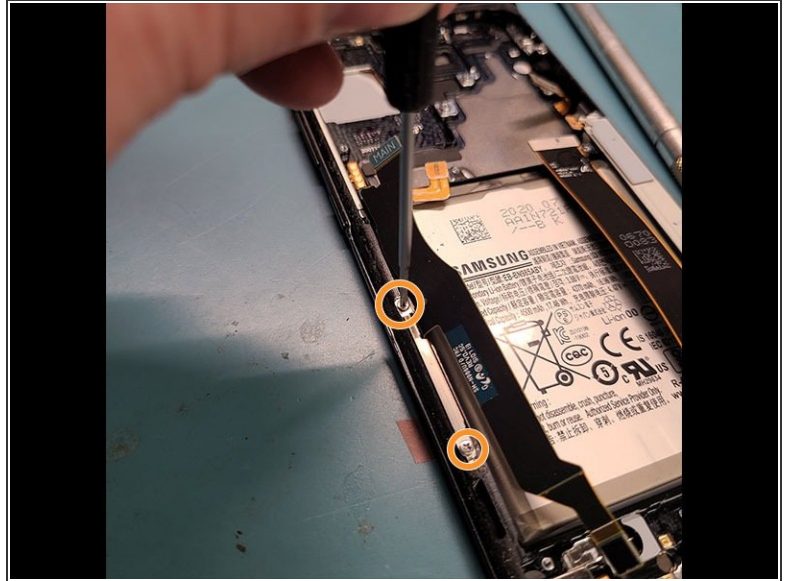
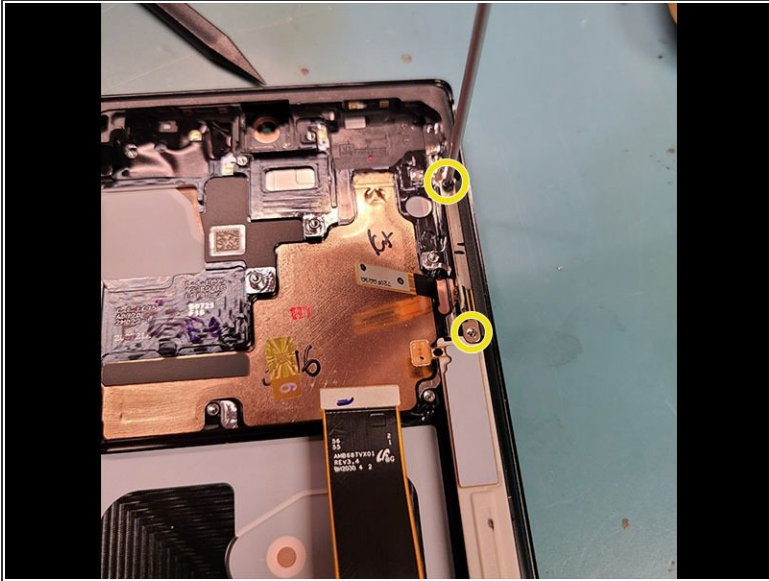
- Remove 5 PH000 Screws for the Loudspeaker bracket
- Use spudger to lift out bracket
- Disconnect flex cables
- Remove 3 Black PH000 Screws to microphone board and charger port

Step 11



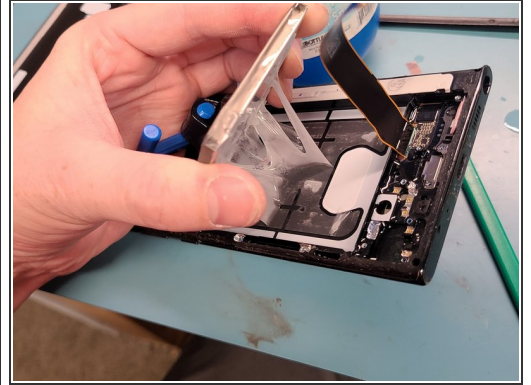
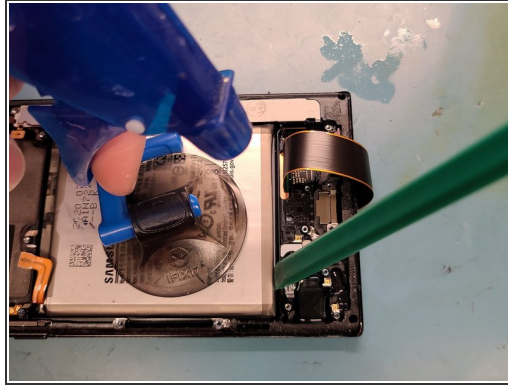
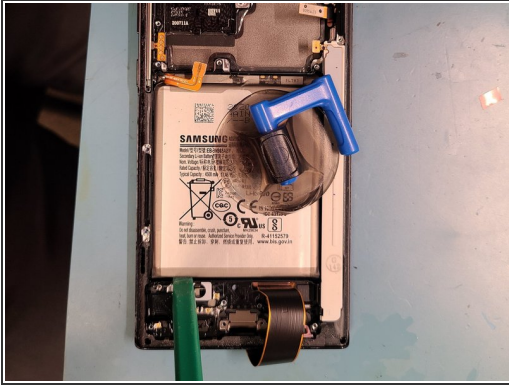
- Lift out Microphone board 1st
- Then lift out charge port wiggling it loose
- Good lift spot with point end of spudger at arrow location
- Loosen Adhesive

Step 12 — Small Parts



- Remove 2 black PH000 Screws on top right lifting flex out.
- Remove 2 PH000 Screws on Bottom right lift flex out.
- ⓘ Use heat it has adhesive holding it down.
- ☑ The top right flex can disconnect from connection not sure 100% what all these parts do yet.

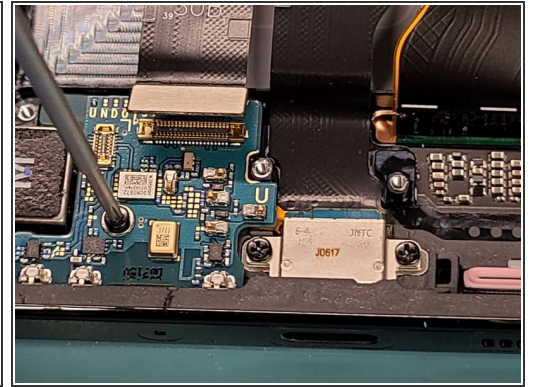
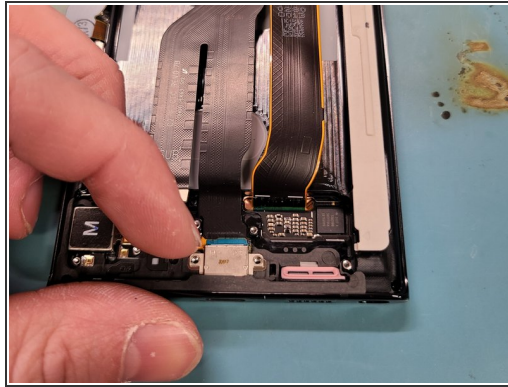
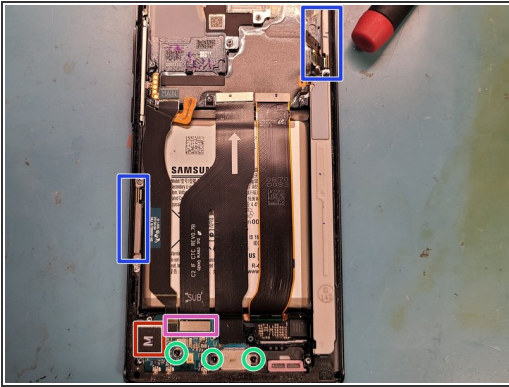
Step 13



☑ Suction Cup, Green Plastic Spudger, and Alcohol to get it out.

- Spray with alcohol start a little pry to get alcohol under battery
- Lift with suction cup on battery
- Bam its out not damaged

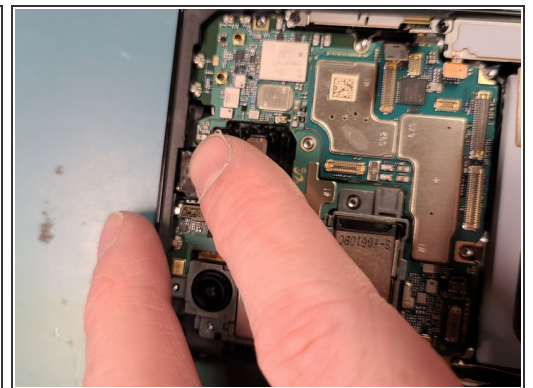
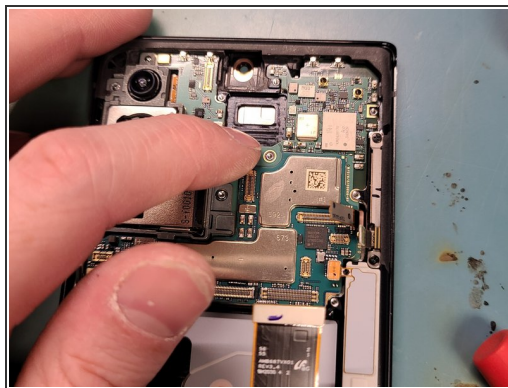
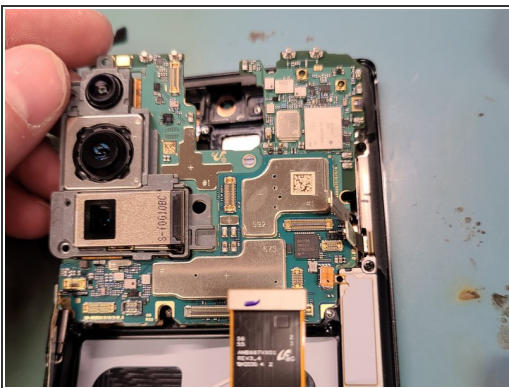
Step 14



i Move back all small parts into new frame screen assembly

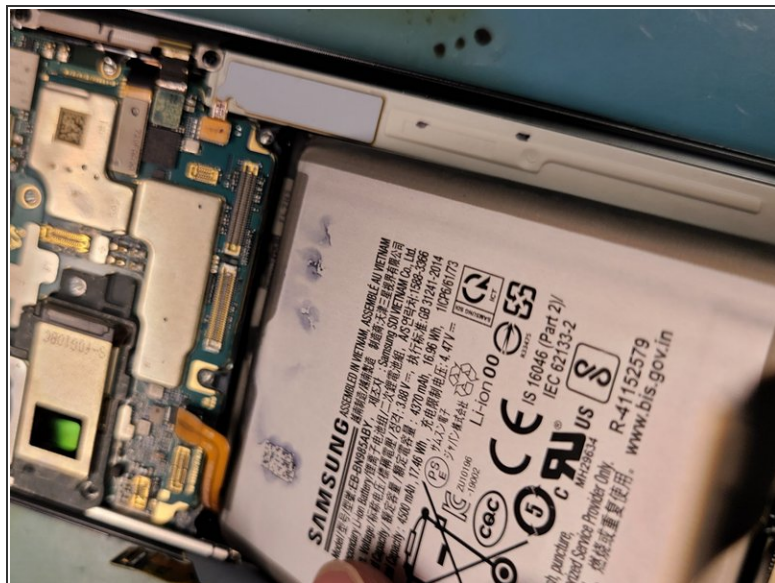
- Vibrator
- Frame Flex Cables
- Charge Port goes in 1st
- Then microphone board goes on top of charge port. Connect the flex cables
- 3 Black PH000 Screws

Step 15



- Lay the main board down in new frame
- Insert the front camera after laying the board down

Step 16



- Lay out adhesive for under the battery
- ⚠ Connect the battery 1st then lay it on adhesive
- Disconnect battery
- Connect all loose flex cables to their connections

Step 17



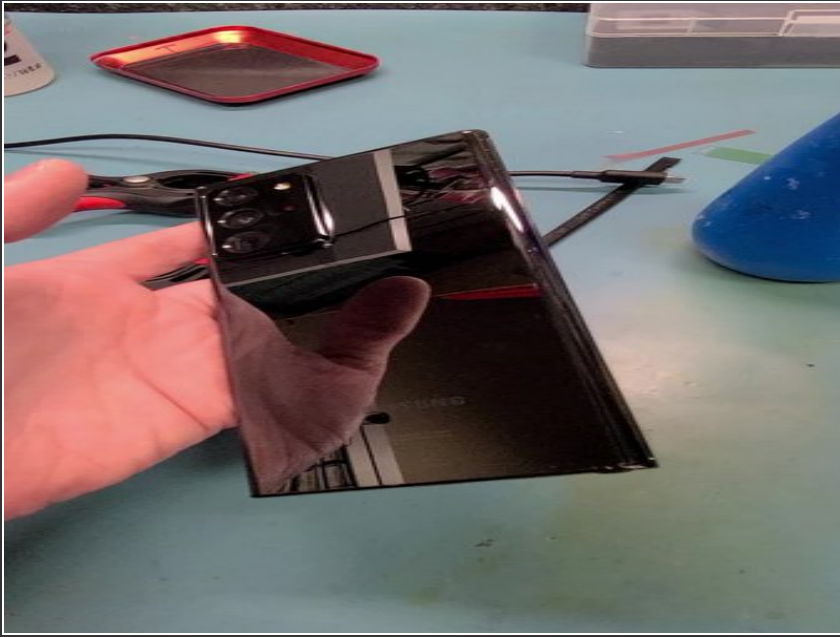
- ☑ Screw brackets down and wireless charge pad to test phone before putting it fully together
- Apply adhesive to back of phone lay back glass back down
- If you have to replace back glass you have to move microphone from old back glass rear camera lens to the new back glass.

Step 18



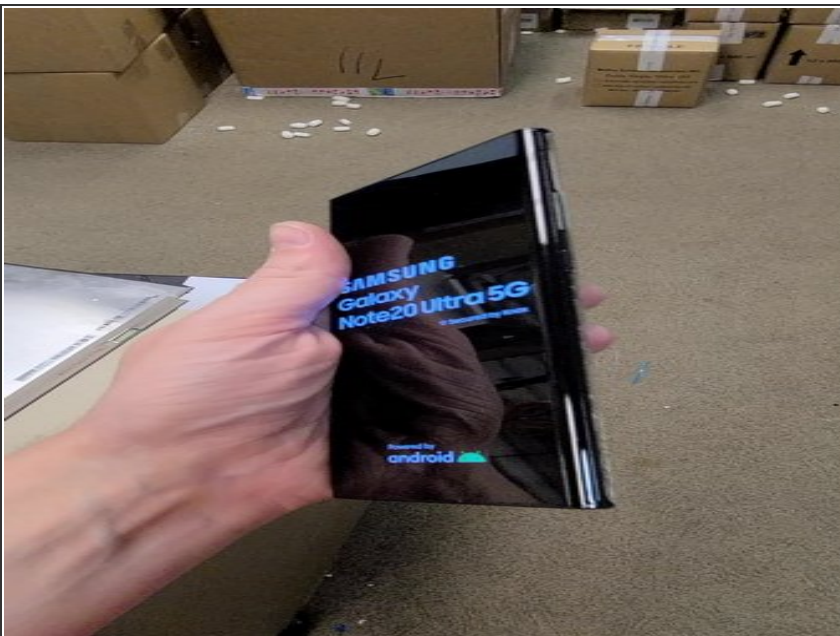
- I use liquid adhesive to hold the back glass down
- Clamp the back down for a couple hours

Step 19



- We are done!
- ❗ Did not have to replace back glass on this one :)

Step 20



- ❗ Replaced back glass on this one and added a fun twist of my face.
- To remove back glass paint use acetone and blade to pull paint off.

During this repair on the black Note 20 Ultra I noticed the screen looked refurbished had issues with screws being stripped I did some serious work drilling into the phone. Which is not included in this guide.

Before I worked on the phone that had the stripping screw issue I already had worked on the phone which I made a video and had not issues with screws stripping the phone I did the picture guide was clearly refurbished straight talk phone.