Screen Replacement For Samsung Note 20 Ultra

Easy guide to follow for a Samsung Note 20 Screen Replacement

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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

ℹ️ 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!**

ℹ️ 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 while 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 Youself

⚠️ 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!

ℹ️ Use a spudger

- Make sure it's disconnected
- Disconnect all yellow boxed connections!
- Remove the 2 PH000 Screws holding the camera
- Lift mainboard with spudger from ear speaker going down using the frame as a leveler

ℹ️ 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 microphoned 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.

ℹ️ 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

- Move back all small parts into new frame screen assembly
  - Vibator
  - 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.