

A-MIND SM-G981

A-MIND Samsung Galaxy S20 5G SM-G981 Screen Replacement Kit User Manual

Model: SM-G981

INTRODUCTION

This manual provides essential instructions for the installation and care of your A-MIND replacement LCD display and touch screen digitizer assembly for the Samsung Galaxy S20 5G (Model SM-G981). This kit is designed to address issues such as broken screens, liquid crystal ruptures, dead pixels, touch inactivity, and display problems. Due to the technical nature of this repair, careful attention to these instructions is crucial. Professional installation is highly recommended for optimal results and to prevent damage.

SETUP AND INSTALLATION GUIDELINES

Replacing a phone screen requires precision and specific tools. Please review these guidelines thoroughly before beginning the installation process.

1. Pre-Installation Checks

- **Verify Malfunction Source:** Before purchase and installation, confirm that your phone's issue (e.g., display, touch) is indeed caused by the LCD or touch panel and not another component.
- **Static Electricity Prevention:** Electrostatic discharge (ESD) can damage electronic components. Ground yourself using an ESD wrist strap during the entire process. Avoid touching sensitive components directly.
- **Handle with Care:** The LCD is a fragile component. Exercise extreme caution when handling to prevent breakage. Glass fragments from a broken screen can cause injury; wear protective gloves and eyewear.
- **Do Not Remove Protective Films:** Do not remove any protective films or labels from the new screen until testing is complete and successful.

2. Included Components and Tools

Your kit includes the following:

- 1 x LCD Touch Digitizer Assembly (Sliver with Frame)
- 1 x Set of Repair Tools (Note: The provided tools are general-purpose and may not open all phone models. Additional

specialized tools might be required.)

- 1 x Screen Protector



Image: Contents of the A-MIND screen replacement kit, showing the LCD assembly with frame, various screwdrivers, prying tools, and a suction cup.

3. Installation Procedure Overview

1. **Power Off Device:** Ensure your phone is completely powered off before starting.
2. **Disconnect Battery:** Disconnect the battery cable connector to prevent accidental power surges.
3. **Disassemble Phone:** Carefully disassemble your phone to access the old screen assembly. This typically involves heating the edges, prying open the back cover, removing screws, and disconnecting flex cables.
4. **Remove Old Screen:** Detach the old LCD display or touch screen flex cable from the motherboard.
5. **Connect New Screen for Testing:** Before fully installing the new screen, connect its flex cable to the motherboard. Do not apply adhesive or fully secure the screen at this stage.
6. **Test Functionality:** Reconnect the battery, power on the phone, and thoroughly test the new screen's functionality. Check display quality, touch response across the entire screen, and any dead pixels or abnormalities.
7. **Full Installation:** If the test is successful, power off the phone, disconnect the battery, and proceed with the full installation,

securing the new screen and reassembling the phone. If any issues are detected, do not proceed with full installation; contact customer support.

Important: Installation tutorials are not included in this package. For detailed visual guidance, it is highly recommended to search for "Samsung Galaxy S20 5G SM-G981 screen replacement" tutorials on platforms like [YouTube](#). If you lack experience or appropriate equipment, please seek professional repair services.

OPERATING (POST-INSTALLATION)

After successful installation and reassembly, power on your device. The new screen should function identically to the original. Perform a final check of all display and touch functionalities to ensure everything is working correctly.

MAINTENANCE

To ensure the longevity and performance of your new screen:

- **Screen Protector:** Apply the included screen protector immediately after installation to guard against scratches and minor impacts.
- **Avoid Drops and Impacts:** While the screen is a replacement, it is still susceptible to damage from drops and impacts. Use a protective case for your phone.
- **Cleaning:** Clean the screen with a soft, lint-free cloth, preferably microfiber, and a screen-safe cleaning solution if necessary. Avoid harsh chemicals.
- **Temperature Extremes:** Avoid exposing your device to extreme temperatures, which can affect screen performance and lifespan.

TROUBLESHOOTING

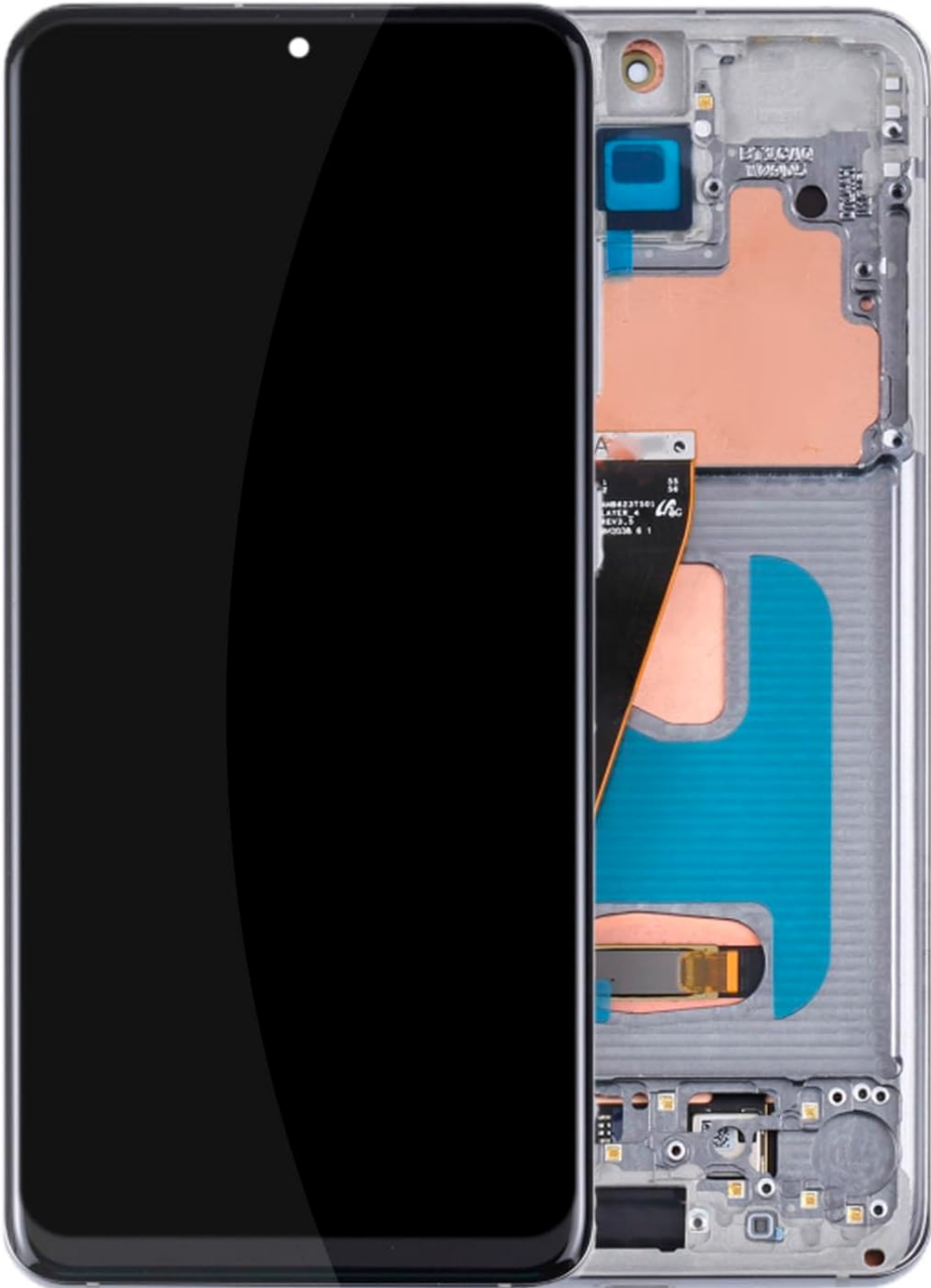
If you encounter issues after installation, consider the following:

- **Screen Not Turning On / Display Issues:**
 - Ensure all flex cables are securely connected to the motherboard.
 - Verify the battery is properly connected and charged.
 - Recheck for any visible damage to the flex cables or connectors.
- **Touch Not Responding / Partial Touch:**
 - Ensure the touch digitizer flex cable is correctly seated.
 - Perform a soft reset of the phone.
 - Check for any debris or foreign objects between the screen and the frame.
- **Dead Pixels / Discoloration:**
 - If these issues were present during the pre-installation test, do not proceed with full installation and contact support.
 - If they appear after full installation, it might indicate damage during the process or a defective unit.

For persistent issues, please refer to the "Warranty and Support" section for assistance.

SPECIFICATIONS

For Samsung Galaxy S20 5G only



Screen Size
"6.2"



Resolution
1440*3200



Pixel Density
563ppi



Model
SM-G981

Image: Visual representation of the screen's key specifications.

Feature	Detail
Compatible Model	Samsung Galaxy S20 5G (SM-G981)
Screen Size	6.2 inches
Resolution	1440 x 3200 pixels
Pixel Density	563 ppi
Display Type	Super AMOLED (Original)
Color	Sliver with Frame
Manufacturer	A-MIND



Image: Front and rear view of the replacement screen assembly, showing the integrated frame and flex cables.

WARRANTY AND SUPPORT

A-MIND offers a commitment to product quality and customer satisfaction.

- **Warranty Coverage:** We provide a 3-month free replacement or refund for non-human product damage or manufacturing faults. This warranty does not cover damages or malfunctions caused by incorrect installation or misuse.
- **Reporting Issues:** If you receive a broken, damaged, or missing item, or if you encounter any issues during the pre-installation testing phase, **do not install the product**. Please take photos or videos of the issue and contact our customer service immediately.
- **Contact Information:** For further assistance, please email our customer service team.
- **Disclaimer:** We are not responsible for any damages or malfunctions caused by incorrect installation work. Installation is performed at your own risk. Parts damaged during installation will not be accepted for return under warranty.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question