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› ARSSLY Samsung Galaxy S24 5G Screen Replacement Manual (Models SM-S921B, SM-S921U, SM-S921W)

ARSSLY SM-S921B SM-S921U SM-S921W

ARSSLY Samsung Galaxy S24 5G Screen Replacement Manual

Models: SM-S921B, SM-S921U, SM-S921W

1. INTRODUCTION

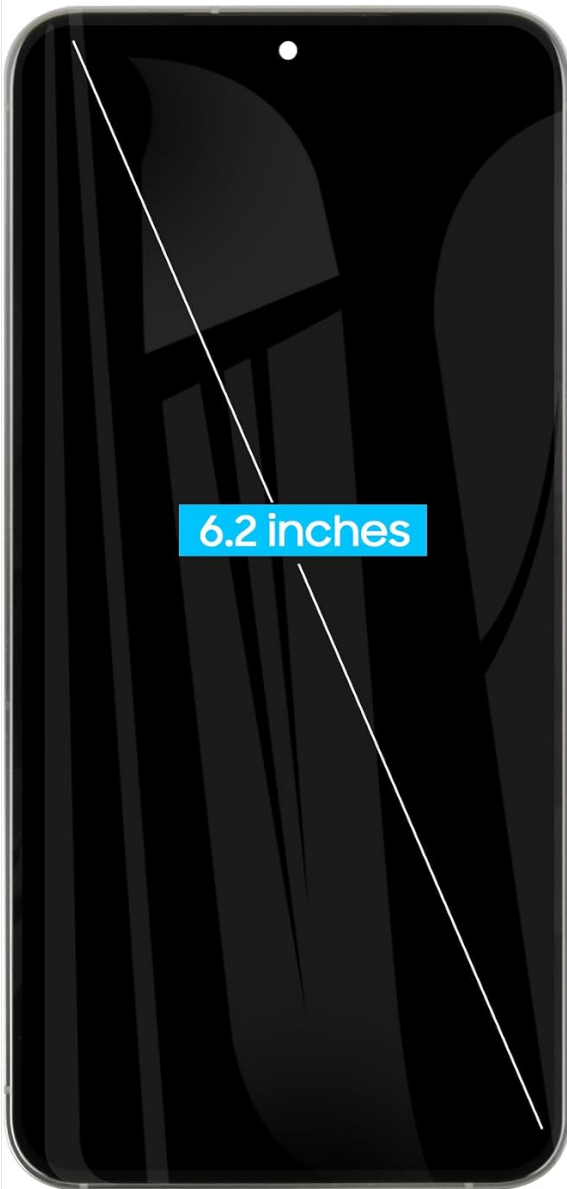
This manual provides detailed instructions for replacing the screen on your Samsung Galaxy S24 5G. Adhering to these guidelines will help ensure a successful replacement process and restore your device's functionality.

2. COMPATIBILITY

This screen replacement is specifically designed for the **Samsung Galaxy S24 5G (US Version)**. It is compatible with the following model numbers:

- **SM-S921B**
- **SM-S921U**
- **SM-S921W**

Using an incorrect screen model may result in installation failure or functional impairment. Please verify your device's exact model number in your phone settings (General Settings > Model Name Information) before proceeding.



FOR Samsung S24 5G

SM-S921W/SM-S921N
SM-S9210/SM-S921E

Type : ■ Original

Resolution : 1080*2340 pixel

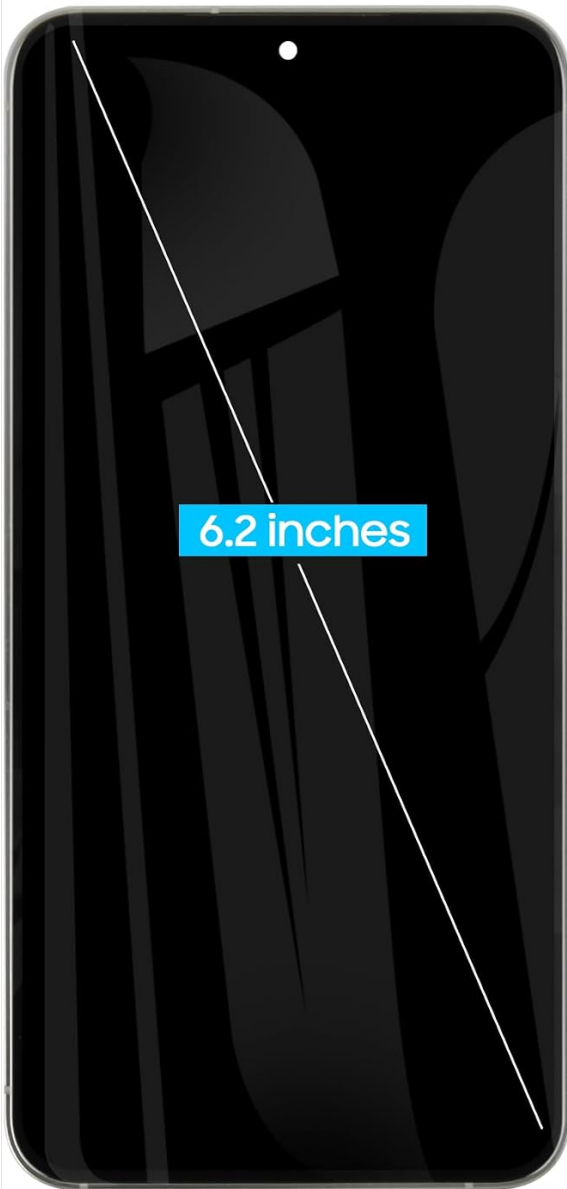


Image: The screen replacement is 6.2 inches with a resolution of 1080*2340 pixels. Compatible models include SM-S921W, SM-S921N, SM-S9210, SM-S921E. The image also displays the included packing list with various disassembly tools.

3. SETUP AND PREPARATION

Proper preparation is crucial for a smooth screen replacement. Follow these steps before beginning the installation:

1. **Confirm Compatibility:** Re-verify your phone's model number as outlined in the Compatibility section.
2. **Prepare Tools:** Ensure you have specialized disassembly tools, such as precision screwdrivers, suction cups, and spudgers. These tools facilitate a safer and more efficient replacement process.
3. **Power Off Device:** Completely shut down your phone. If applicable, remove the battery or disconnect power to prevent electrostatic damage to internal components during the repair.
4. **Watch Tutorial Videos:** For a more efficient replacement, it is highly recommended to watch detailed screen replacement tutorial videos on platforms like YouTube before proceeding with the installation.



FOR Samsung S24 5G

SM-S921W/SM-S921N
SM-S9210/SM-S921E

Type : ■ Original

Resolution : 1080*2340 pixel



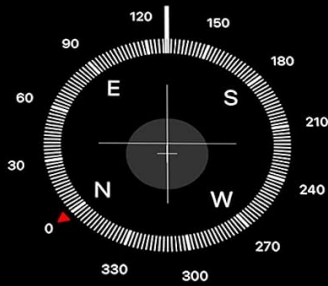
Image: The packing list includes essential tools for screen replacement, such as screwdrivers, a suction cup, spudgers, and a disassembly tool card, designed to assist in the repair process.

4. INSTALLATION STEPS

Proceed with caution and precision during the installation process:

1. **Handle with Care:** Gently dismantle your old screen. Avoid applying excessive force to prevent damage to screen connectors or the phone chassis. Follow the correct disassembly sequence.
2. **Connect New Screen:** Carefully connect the new ARSSLY Samsung Galaxy S24 5G digitizer LCD to your phone's motherboard.
3. **Functionality Test: Before full reassembly,** boot up your phone with the new screen connected to test all functions. Verify touch sensitivity, display quality, front/rear cameras, and sensors to confirm everything operates as intended.
4. **Reassembly:** If all tests pass, proceed with carefully reassembling your phone, ensuring all components are correctly seated and secured.

LUMINOUS IN THE DARK



129° SE

—

OLED



129° SE

—

IN-CELL



129° SE

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TFT

Image: A detailed view of a phone's internal structure during screen replacement, highlighting the delicate components and the importance of careful handling.

5. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your new screen, consider the following:

- **Gentle Cleaning:** Use a soft, lint-free cloth to clean the screen. Avoid harsh chemicals or abrasive materials.
- **Protection:** The screen's surface is protected by durable tempered glass. However, using a screen protector and a protective case can further safeguard against scratches and impacts.
- **Avoid Extreme Conditions:** Protect your device from extreme temperatures and direct exposure to water or excessive moisture.



Image: An example of the ultra-clear high-definition display quality provided by the replacement screen, showcasing vibrant colors and sharp details.

6. TROUBLESHOOTING

If you encounter issues after installation, consider the following:

- **Screen Not Displaying:** Double-check all connections to ensure they are securely seated. Power cycle the device.
- **Touch Issues:** Ensure the digitizer flex cable is properly connected. Restart the device.
- **Display Anomalies:** If the screen shows lines or discoloration, re-check the display flex cable connection.
- **Professional Assistance:** If you lack confidence in DIY replacement or encounter persistent issues, it is advisable to seek professional repair services to prevent further damage.

7. SPECIFICATIONS

Product Name	ARSSLY Samsung Galaxy S24 5G Screen Replacement
Compatible Models	SM-S921B, SM-S921U, SM-S921W (US Version)
Display Type	Original LCD Digitizer Assembly
Screen Size	6.2 inches
Resolution	1080*2340 pixels
Color	Grey (This specific product variant)
Item Weight	1.6 ounces
Package Dimensions	0.3 x 0.3 x 0.3 inches
Manufacturer	ARSSLY
What's in the Box	Samsung Galaxy S24 5G Screen Replacement, Disassembly Tools



Image: A visual comparison illustrating the performance differences between OLED, IN-CELL, and TFT display technologies,

particularly in low-light conditions, highlighting the superior clarity of OLED.

8. SUPPORT AND WARRANTY

ARSSLY is committed to providing quality products and customer satisfaction. If you encounter any problems with this replacement screen or during installation, please contact us directly.

- **Customer Service:** Our team is available to assist you within 24 hours for any inquiries or issues.
- **Quality Assurance:** Our screens undergo rigorous double quality control tests to ensure reliability.

For further assistance, please refer to the contact information provided with your purchase or on the ARSSLY official channels.