

A-MIND J500

A-MIND AMOLED Screen Replacement for Samsung Galaxy J5 2015 (J500 Series)

Instruction Manual

1. INTRODUCTION

This manual provides essential instructions for the proper installation and care of your A-MIND AMOLED screen replacement for the Samsung Galaxy J5 2015 (models J500, J500F, SM-J500F, 500Y, J500M). Please read all instructions carefully before beginning the installation process to ensure optimal performance and prevent damage.

2. SAFETY PRECAUTIONS AND IMPORTANT NOTES

- **Professional Installation Recommended:** Replacing a phone screen requires specialized tools and technical knowledge. If you are not experienced in electronic repairs, it is highly recommended to seek assistance from a professional repair service to avoid potential damage to your device or the new screen.
- **Handle with Care:** The screen assembly is made of glass and delicate electronic components. Handle it gently to prevent breakage or damage to flex cables.
- **Electrostatic Discharge (ESD):** Take precautions against ESD. Work in a clean, dry environment and consider using an anti-static wrist strap.
- **Battery Disconnection:** Always disconnect the phone's battery before starting any repair to prevent short circuits and damage to components.
- **Pre-Installation Test:** Before fully installing and adhering the new screen, connect it to the phone's motherboard and test all functions (display, touch, brightness) to ensure it is working correctly. Do not remove protective films or apply adhesive until the screen is fully tested and confirmed functional.
- **Warranty Voidance:** Damage caused during self-installation, or screens with removed protective films or applied adhesive that are later found to be faulty, may not be covered under warranty.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package.

- 1x AMOLED Display with Touch Screen Digitizer Assembly for Samsung Galaxy J5 2015 J500
- 1x Strong Suction Cup
- 1x Triangle Opening Tools (Picks)

- 1x Card Pin (SIM Ejector Tool)
- 1x Spudger
- 1x Adhesive Tape
- Screwdrivers (various sizes)



Image 3.1: Contents of the A-MIND screen replacement kit, including the AMOLED display and various tools.

4. SETUP AND PRE-INSTALLATION TESTING

Before proceeding with the full installation, it is crucial to prepare your device and test the new screen.

1. **Power Off Device:** Ensure your Samsung Galaxy J5 2015 is completely powered off.
2. **Disconnect Battery:** Open the phone and disconnect the battery connector from the motherboard. This is a critical safety step.
3. **Connect New Screen:** Carefully connect the flex cables of the new AMOLED screen assembly to the corresponding connectors on the phone's motherboard. Do not apply pressure or bend the flex cables excessively.

4. **Reconnect Battery and Power On:** Reconnect the battery and power on the phone.
5. **Test Functionality:** Test the display for any dead pixels, lines, or discoloration. Verify that the touch screen responds accurately across the entire surface. Check brightness adjustment.
6. **Power Off and Disconnect:** If the screen functions correctly, power off the phone and disconnect the battery and the new screen. You can now proceed with the full installation. If issues are found, contact customer support before proceeding.



Image 4.1: Rear view of the AMOLED screen assembly, highlighting the flex cable connectors that attach to the phone's motherboard.

5. INSTALLATION (OPERATING) INSTRUCTIONS

This section outlines the general steps for replacing the screen. For detailed visual guidance, it is strongly recommended to search for specific installation videos for the Samsung Galaxy J5 2015 (J500) screen replacement on platforms like YouTube.

1. **Disassemble Phone:** Carefully open your phone, typically by heating the edges of the old screen to loosen adhesive, then using suction cups and opening tools to separate it from the frame. Disconnect the old screen's flex cables.
2. **Clean Frame:** Remove all residual adhesive and glass fragments from the phone's frame. A clean surface is essential for proper adhesion of the new screen.
3. **Apply New Adhesive:** Apply the provided adhesive tape or a suitable phone repair adhesive around the perimeter of the phone's frame where the screen will sit.

4. **Connect New Screen:** Carefully connect the flex cables of the new AMOLED screen to the motherboard connectors. Ensure they are seated correctly and securely.
5. **Position and Secure Screen:** Gently place the new screen assembly onto the phone's frame, aligning it precisely. Apply gentle, even pressure around the edges to secure it with the adhesive.
6. **Reconnect Battery:** Reconnect the phone's battery.
7. **Reassemble Phone:** Close the phone's back cover and secure any screws or clips that were removed during disassembly.
8. **Final Test:** Power on the phone and perform a final test of all screen functions.



Image 5.1: Front and rear views of the A-MIND AMOLED screen replacement for Samsung Galaxy J5 2015 J500, illustrating the complete assembly.

AMOLED Gold NO Frame



Image 5.2: The AMOLED Gold screen replacement for Samsung Galaxy J5 2015 J500, shown without a pre-attached frame, indicating it's a display-only assembly.

6. MAINTENANCE

Proper care can extend the lifespan of your new screen.

- **Screen Protection:** Consider using a screen protector and a protective case for your phone to guard against scratches and impacts.
- **Cleaning:** Clean the screen with a soft, lint-free cloth, preferably microfiber. Avoid harsh chemicals or abrasive materials.
- **Avoid Pressure:** Do not apply excessive pressure to the screen, especially when carrying the phone in pockets or bags.
- **Temperature Extremes:** Avoid exposing the phone to extreme temperatures, which can affect screen performance and adhesive integrity.

7. TROUBLESHOOTING

If you encounter issues after installation, refer to these common troubleshooting steps.

• **Screen Not Turning On:**

- Ensure all flex cables are securely connected to the motherboard.
- Verify the battery is properly connected and charged.
- Try a hard reset of the phone (refer to your phone’s original manual for instructions).

• **Touch Not Responding or Inaccurate:**

- Check the digitizer flex cable connection.
- Ensure there are no foreign objects or debris between the screen and the frame.
- Restart the phone.

• **Display Issues (Lines, Dead Pixels, Discoloration):**

- Inspect the display flex cable for any damage or improper connection.
- If the issue persists after rechecking connections, the screen itself may be faulty. Contact customer support.

• **Screen Lifting from Frame:**

- Ensure the frame was thoroughly cleaned before applying new adhesive.
- Apply additional adhesive if necessary and clamp the phone gently for several hours to allow the adhesive to cure.

8. SPECIFICATIONS

Key technical details for the A-MIND AMOLED Screen Replacement.

Feature	Specification
Compatible Models	Samsung Galaxy J5 2015 (J500, J500F, SM-J500F, 500Y, J500M)
Screen Type	AMOLED
Screen Size	5.0 inches
Resolution	720 x 1280 pixels
Pixel Density	294 ppi
Color	Gold (AMOLED Gold)
Product Dimensions	3.94 x 7.87 x 11.81 inches (packaging)
Item Weight	7 ounces (packaging)



"5.0"
Screen Size



720*1280
Resolution



294ppi
Pixel Density



AMOLED
SUPER



Image 8.1: Visual representation of the screen's key specifications, including size, resolution, pixel density, and AMOLED technology.

9. WARRANTY AND SUPPORT

A-MIND provides a 6-month warranty for this product.

- **Warranty Coverage:** The warranty covers manufacturing defects and functional issues under normal use, provided there is no man-made or physical damage to the screen.
- **Exclusions:** Damage resulting from improper installation, accidental drops, liquid exposure, or unauthorized modifications will void the warranty. Screens with removed protective films or applied adhesive are considered installed and may not be eligible for return or exchange if issues arise after installation.
- **Customer Service:** If you have any questions, concerns, or require assistance with your order or product, please do not hesitate to contact our customer service team. We aim to provide support within 24 hours.

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