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› AGCUT ZTE Blade A31 Plus LCD Screen Replacement Instruction Manual

## AGCUT ZTE Blade A31 Plus

# AGCUT ZTE Blade A31 Plus LCD Screen Replacement Instruction Manual

### INTRODUCTION

This manual provides detailed instructions for the installation and care of your AGCUT LCD Display Digitizer Touch Screen Assembly for the ZTE Blade A31 Plus. This replacement kit is designed to restore full display and touch functionality to your device. Please read all instructions carefully before beginning the installation process.

### WHAT'S INCLUDED

Your package contains the following components:

- 1x ZTE Blade A31 Plus LCD screen touch screen digitizer replacement kit
- 1x Dust removal sticker
- 1x Free tape
- 1x Set of special removal tools for ZTE Blade A31 Plus screen (includes 3 screwdrivers, 1x plastic dredger, 2x blue open shell fragments, 1x Card Pin, 1x suction cup)

### PRODUCT OVERVIEW

The image below illustrates the front and back of the ZTE Blade A31 Plus LCD screen replacement assembly.



This image displays the complete LCD screen and digitizer assembly. On the left, the front of the screen is shown, which is entirely black, indicating the display area. On the right, the reverse side reveals the intricate flex cables and connectors necessary for integrating the screen with the phone's motherboard. The flex cable has markings such as 'TP-T600BYC001P-V03' and 'S-T600BYC001P-V63-0 2025', which are internal component identifiers.

## IMPORTANT INSTALLATION PRECAUTIONS

Please read these precautions carefully before attempting installation. Improper installation can damage the product or your device.

- **Pre-Installation Check:** Before proceeding with installation, carefully inspect the product for any physical damage. Test the screen functionality without removing any protective films or labels. Do not remove these until you are satisfied with the screen's performance.
- **Static Electricity:** Be aware of static electricity. Static discharge can damage electronic components. Consider using an anti-static wrist strap or grounding yourself before handling the screen.
- **Fragile Component:** The screen replacement is made of glass and is very fragile. Handle with extreme care to prevent breakage.
- **Cable Bending:** Do not bend the LCD flex cable excessively. Bending it beyond 90 degrees can cause a black screen or other display issues.
- **Professional Installation Recommended:** If you lack experience in repairing electronic equipment, it is strongly recommended to seek assistance from a professional repair technician. Alternatively, search for

relevant installation videos on platforms like YouTube for visual guidance.

## TESTING THE SCREEN BEFORE FINAL INSTALLATION

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It is crucial to test the screen's functionality before fully installing it into your device. This step helps identify any potential issues before permanent assembly.

1. Connect the new LCD screen's flex cables to the motherboard of your ZTE Blade A31 Plus. Do not apply adhesive or fully assemble the phone yet.
2. Power on your phone.
3. Check for display issues such as dead pixels, lines, incorrect colors, or a black screen.
4. Test the touch functionality across the entire screen. Ensure all areas respond accurately.
5. If the phone displays a black screen after connecting, simultaneously press and hold the power key and volume key. If the phone vibrates, it indicates that the main flex cable might not be properly seated. Reinstall the product carefully.
6. If any issues are detected during testing, contact customer support before proceeding with full installation.

## MAINTENANCE AND CARE

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Proper care can extend the lifespan of your new screen.

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. Avoid harsh chemicals, alcohol-based cleaners, or abrasive materials.
- **Protection:** Consider using a screen protector and a protective case for your device to prevent future scratches and impacts.
- **Handling:** Avoid placing heavy objects on your phone or exposing it to extreme temperatures, which can damage the display.

## TROUBLESHOOTING COMMON ISSUES

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Refer to this section for solutions to common problems encountered during or after installation.

- **Black Screen After Installation:** Ensure all flex cables are securely and correctly connected to the motherboard. Try restarting the phone by holding the power and volume keys simultaneously. If the phone vibrates, recheck cable connections as they might be loose.
- **Unresponsive Touch Screen:** Verify that the digitizer flex cable is properly connected. Re-test the screen before full installation as described in the 'Testing the Screen' section.
- **Display Anomalies (Lines, Dead Pixels, Incorrect Colors):** These often indicate a faulty screen or damage during installation. Re-test the screen carefully. If issues persist, the screen may be defective and require replacement.
- **Screen Not Fitting Properly:** Double-check that you have the correct model screen replacement for the ZTE Blade A31 Plus. Ensure all old adhesive and debris are thoroughly removed from the phone frame before attempting to seat the new screen.

## PRODUCT SPECIFICATIONS

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- **Compatibility:** Specifically designed for ZTE Blade A31 Plus

- **Screen Size:** 6.0 inches
- **Resolution:** 480x960 pixels
- **Material:** Original LCD Display
- **Function:** Replaces defective LCD display touch screen digitizer assembly, addressing issues like incorrect screen response, display problems, pixel distortion, cracked LCD, or wrong colors.

## WARRANTY AND SUPPORT

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For any questions, technical assistance, or warranty claims, please contact AGCUT customer support through your purchase platform. Please have your order details ready.

For visual installation guides and further assistance, we recommend searching for "ZTE Blade A31 Plus screen replacement" on video platforms like YouTube.