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› JayTong LCD Replacement for Umidigi UMI Note 100A / Note 100 5G Instruction Manual

JayTong Umidigi UMI Note 100A / Note 100 5G

JayTong LCD Replacement for Umidigi UMI Note 100A / Note 100 5G Instruction Manual

Model: Umidigi UMI Note 100A / Note 100 5G

INTRODUCTION

This manual provides detailed instructions for the safe and effective installation of the JayTong LCD Replacement for Umidigi UMI Note 100A and Note 100 5G smartphones. This product is designed to replace a damaged, non-functional, or unresponsive LCD display and touch screen assembly. Please read all instructions carefully before beginning the installation process.

SAFETY INFORMATION

- **Power Off Device:** Always ensure your smartphone is completely powered off and disconnected from any power source before starting the repair.
- **Static Electricity:** Electronic components are sensitive to static electricity. Consider using an anti-static wrist strap (not included) to prevent damage.
- **Fragile Components:** The LCD assembly and internal phone components are delicate. Handle them with extreme care to avoid bending, tearing, or breaking.
- **Eye Protection:** Wear appropriate eye protection during the repair process to guard against small flying debris.
- **Battery Safety:** Exercise caution when handling the phone's battery. Puncturing or damaging the battery can lead to fire or explosion.
- **Professional Assistance:** If you are not confident in your ability to perform the repair, seek professional assistance.

PACKAGE CONTENTS

The package includes the following items:

- 1 x JayTong LCD Display Touch Screen Assembly for Umidigi UMI Note 100A / Note 100 5G
- 1 set of basic device opening tools (as pictured below)



Image 1: JayTong LCD Display Touch Screen Assembly. This image shows the replacement LCD screen with its flex cables.



Image 2: Basic Device Opening Tools. This image displays the included tools: screwdrivers, plastic prying tools, suction cup, and guitar picks.

ADDITIONAL TOOLS REQUIRED (NOT INCLUDED)

Customers should acquire additional tools beyond the essential device opening tools provided. These may include:

- Heat gun or hairdryer (for softening adhesive)
- Thin prying tools (metal or plastic)
- Small Phillips head screwdriver
- Tweezers
- Adhesive strips or glue (for re-securing the new screen)
- Anti-static mat and wrist strap

SETUP AND PRE-INSTALLATION TESTING

Before proceeding with the full installation, it is crucial to perform a pre-installation test of the new LCD assembly. **Do not remove any protective films or tags from the new screen during this test.**

1. **Power Off:** Ensure your Umidigi UMI Note 100A / Note 100 5G is completely powered off.
2. **Open Device:** Carefully open your phone to access the internal components. This typically involves heating the edges of the old screen to soften adhesive and using prying tools to separate it from the frame.
3. **Disconnect Old Screen:** Disconnect the flex cables of the old screen from the motherboard.
4. **Clean Connections:** Gently clean the flex cable connectors on the new screen and the corresponding slots on the motherboard using a soft, dry cloth or isopropyl alcohol if necessary.
5. **Connect New Screen:** Connect the flex cables of the new LCD assembly to the motherboard tightly. Ensure all connections are secure.
6. **Battery Check:** Verify that the phone's battery is sufficiently charged. Ensure the motherboard is not damaged.
7. **Power On and Test:** Power on the phone. Test the display functionality (brightness, colors, dead pixels) and touch screen responsiveness across the entire screen. Check for any ghost touches or unresponsive areas.
8. **Power Off:** If the test is successful, power off the phone before proceeding with the full installation. If issues are found, contact support before attempting full installation.

Important: The return of screens with installation attempts or removed protective films/tags may not be accepted if issues are discovered after these actions. Test thoroughly first.

INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing the LCD assembly. Specific disassembly and reassembly steps may vary slightly depending on your phone's exact internal design. Refer to device-specific repair guides if available.

1. **Prepare Workspace:** Ensure a clean, well-lit, and static-free workspace.
2. **Power Off:** Confirm the phone is powered off and disconnected from any power source.
3. **Remove Back Cover:** Carefully remove the phone's back cover. This may involve heating the edges and using prying tools.
4. **Disconnect Battery:** Locate and disconnect the battery flex cable from the motherboard to prevent accidental power-on during the repair.
5. **Remove Old Screen:**
 - Apply heat to the edges of the old screen using a heat gun or hairdryer to soften the adhesive.
 - Use a suction cup to create a gap, then insert thin prying tools around the perimeter to carefully separate the old screen from the phone frame.
 - Once loose, disconnect any remaining flex cables connecting the old screen to the motherboard and remove it.
6. **Clean Frame:** Thoroughly clean the phone frame, removing all traces of old adhesive and glass fragments. This is crucial for proper seating of the new screen.
7. **Apply New Adhesive:** Apply new adhesive strips or a thin bead of B-7000 glue (not included) around the perimeter of the phone frame where the screen will sit.
8. **Connect New Screen:** Carefully connect the flex cables of the new LCD assembly to the motherboard. Ensure they are seated correctly and securely.
9. **Install New Screen:** Align the new LCD assembly with the phone frame and gently press it into place. Ensure it sits flush and evenly.
10. **Reconnect Battery:** Reconnect the battery flex cable to the motherboard.
11. **Reassemble Phone:** Reattach the back cover and secure any screws or clips that were removed.

12. **Final Test:** Power on the phone and perform a final test of the display and touch functionality.

Caution: Do not force the installation. If you encounter resistance, re-check alignment or for any obstructions. Incorrect installation can damage the screen or phone.

OPERATING (POST-INSTALLATION)

After successful installation and reassembly:

- **Initial Power On:** Power on your device. The boot sequence may take slightly longer than usual after a hardware change.
- **Functionality Check:** Verify all display functions (brightness, color accuracy, absence of dead pixels) and touch screen responsiveness. Test typing, swiping, and multi-touch gestures.
- **Sensor Check:** Briefly check if proximity sensor and ambient light sensor (if applicable and located near the screen) are functioning correctly.
- **Charging:** Ensure the device charges normally.

MAINTENANCE

To ensure the longevity and optimal performance of your new LCD display:

- **Screen Protector:** Consider applying a high-quality screen protector immediately after installation to prevent scratches and minor impacts.
- **Cleaning:** Clean the screen with a soft, lint-free microfiber cloth. For stubborn smudges, lightly dampen the cloth with water or a screen-specific cleaning solution. Avoid harsh chemicals.
- **Avoid Pressure:** Do not apply excessive pressure to the screen, especially when carrying the phone in pockets or bags.
- **Temperature Extremes:** Avoid exposing the device to extreme temperatures, which can affect display performance and adhesive integrity.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Screen does not turn on / Black screen	Flex cables not properly connected. Battery not charged or disconnected. Motherboard issue. Defective screen.	Ensure all flex cables are securely connected. Charge the battery fully. Reconnect battery cable. Verify motherboard is functional. Re-test the screen before full installation. If still black, contact support.
Touch screen unresponsive or erratic	Touch flex cable not properly connected. Dust or debris on connectors. Defective touch digitizer.	Check and re-seat the touch flex cable. Clean connectors carefully. Perform a factory reset (data loss warning). If issue persists, contact support.

Problem	Possible Cause	Solution
Display issues (lines, discoloration, dead pixels)	Display flex cable damaged or improperly connected. Physical damage during installation. Defective LCD panel.	Check and re-seat the display flex cable. Inspect the screen for any visible damage. If present during pre-installation test, contact support.
Screen not fitting flush	Old adhesive residue remaining. Components not seated correctly inside. Incorrect screen model.	Thoroughly clean the phone frame. Ensure all internal components are correctly positioned. Verify the screen model matches your phone (Umidigi UMI Note 100A / Note 100 5G).

SPECIFICATIONS

- **Compatibility:** Umidigi UMI Note 100A / Note 100 5G
- **Type:** LCD Display Touch Screen Assembly
- **Color:** Black
- **Package Dimensions:** 6 x 3 x 0.4 inches
- **Item Weight:** 3.52 ounces
- **Manufacturer:** Generic (JayTong)

WARRANTY AND SUPPORT

This product is provided by JayTong. For any questions or issues regarding the product, please contact the seller directly through the platform where the purchase was made.

- **Return Policy:** A 30-day return policy for refund or replacement is typically offered. Please refer to your purchase details for specific terms.
- **Pre-Installation Testing:** It is critical to test the screen before full installation. Returns may not be accepted if the screen has been installed or protective films/tags removed, and then issues are reported.
- **Contact Seller:** For technical assistance or warranty claims, please reach out to JayTong via the Amazon messaging system or seller contact information provided with your order.