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> A-MIND Samsung Galaxy Note 4 N910 Series LCD Display & Touch Digitizer Assembly User Manual

A-MIND N910C,N910S,N910H,N910F,N910G,N910U

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Model: N910C, N910S, N910H, N910F, N910G, N910U

INTRODUCTION

This manual provides essential information for the installation and care of your A-MIND LCD Display and Touch Digitizer Assembly for Samsung Galaxy Note 4 N910 series. This product is designed to replace damaged or non-functional screens, addressing issues such as liquid crystal ruptures, dead pixels, touch inactivity, and display problems. Please read all instructions carefully before proceeding with installation.

COMPATIBILITY

This LCD Display and Touch Digitizer Assembly is specifically compatible with the following Samsung Galaxy Note 4 models:

- Samsung Galaxy Note 4 N910C
- Samsung Galaxy Note 4 N910S
- Samsung Galaxy Note 4 N910H
- Samsung Galaxy Note 4 N910F
- Samsung Galaxy Note 4 N910G
- Samsung Galaxy Note 4 N910U
- Samsung Galaxy Note 4 N910K
- Samsung Galaxy Note 4 N910L

The display size is 5.7 inches. Please verify your phone's model number before purchase to ensure compatibility.

IMPORTANT REMINDERS AND WARNINGS

- **No Included Manual:** This product does not come with a printed installation manual. It is highly recommended to view installation tutorials on platforms like YouTube before attempting installation.
- **Diagnosis Before Purchase:** Ensure your phone's malfunction is caused by the LCD or touch panel before

purchasing this assembly.

- **Professional Installation Recommended:** Installation requires specific techniques and equipment. For personal use or non-professionals, it is strongly advised to seek professional repair services to avoid damage. The manufacturer is not responsible for damage caused by incorrect installation.
- **Tool Kit Disclaimer:** The provided tool kit is uniform and designed to adapt to most phones, but there is no guarantee it will open all models.
- **Pre-Installation Testing is Crucial:** It is difficult to address problems after installation. Always test the product upon receipt and before final installation. Parts damaged during installation will not be accepted for return.
- **Fragile Component:** The LCD is a fragile object. Exercise extreme caution during handling and installation. Inadvertently broken glass fragments may cause injury; take appropriate protective measures.

PACKAGE CONTENTS

Your package should contain the following items:

- 1 x LCD Touch Digitizer Assembly for Samsung Galaxy Note 4 N910 Series
- 1 x Set of Basic Repair Tools (may vary)



Image: The A-MIND LCD Display and Touch Digitizer Assembly for Samsung Galaxy Note 4, shown alongside the basic repair tools provided in the package. The display features "SUPER AMOLED original" branding.



Image: A close-up view of the repair tool kit included with the display assembly. It typically contains screwdrivers, prying tools, suction cup, and other small implements for phone disassembly.

SETUP AND PRE-INSTALLATION TESTING

Before fully installing the new display assembly, it is critical to perform a simulation test to ensure proper functionality. This step helps prevent issues that are difficult to resolve after final installation.

Pre-Test Procedure:

1. **Do Not Remove Protections:** When testing, do not remove any protective films or labels from the new display.
2. **Static Electricity Precautions:** Pay close attention to static electricity. Ground yourself using an ESD (Electrostatic Discharge) wrist strap if available. This prevents static electricity from damaging the phone's electronic components.

3. **Disconnect Battery:** Ensure the battery cable connector is disconnected from the motherboard.
4. **Temporary Connection:** Carefully disassemble your phone and remove the old flex cable of the LCD display or Touch Screen from the motherboard and replace it with a new one. Connect the new display's flex cable to the motherboard. Do NOT install the screen into the frame yet.
5. **Power On and Test:** Plug in the charging cable (do not connect the battery yet) and attempt to turn on the phone. Check if the screen works normally, including display quality and touch responsiveness.

If any abnormality is observed during this test, such as display issues or unresponsive touch, please contact customer service immediately with video or photo evidence. Do not proceed with forced installation.



Image: The reverse side of the LCD display assembly, showing the delicate flex cables and connectors that need to be carefully attached to the phone's motherboard during the pre-installation test and final assembly.

OPERATING (POST-INSTALLATION)

Once the display assembly has been successfully installed and tested, your Samsung Galaxy Note 4 should function as intended. The new display will provide clear visuals and responsive touch input.

- **Display Functionality:** The screen should display images clearly with correct colors and no dead pixels or lines.
- **Touch Responsiveness:** The touch screen should respond accurately and smoothly to all gestures and taps across the entire display area.



Image: A direct front view of the replacement LCD display assembly for the Samsung Galaxy Note 4, showcasing its full screen area and physical home button cutout.

MAINTENANCE

To ensure the longevity and optimal performance of your new display, follow these maintenance guidelines:

- **Screen Protection:** Consider using a screen protector to guard against scratches and minor impacts.

- **Cleaning:** Clean the screen with a soft, lint-free cloth, preferably microfiber. For stubborn smudges, lightly dampen the cloth with water or a screen-specific cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Avoid Pressure:** Do not apply excessive pressure to the screen, as this can damage the LCD panel.
- **Temperature Extremes:** Avoid exposing your device to extreme temperatures, which can affect display performance and lifespan.

TROUBLESHOOTING

If you encounter issues after installing the display assembly, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Screen does not turn on / No display	Flex cable not properly connected; damaged flex cable; battery not connected.	Ensure all flex cables are securely seated. Recheck battery connection. If issue persists after re-seating, contact support.
Touch screen unresponsive or erratic	Touch digitizer flex cable not properly connected; static electricity damage.	Verify touch digitizer flex cable connection. Ensure ESD precautions were taken during installation.
Display issues (lines, dead pixels, incorrect colors)	LCD panel damage; flex cable issue.	If these issues were present during pre-installation testing, contact support for replacement. If they appeared after installation, recheck flex cables.
Tools provided do not fit	Variations in phone models or tool manufacturing.	The included tools are general. You may need to acquire specific tools for your phone model if the provided ones are not suitable.

For any persistent issues or problems not listed here, please refer to the "Warranty and Support" section for assistance.

SPECIFICATIONS

Feature	Detail
Product Type	LCD Display and Touch Digitizer Assembly
Compatibility	Samsung Galaxy Note 4 (N910C, N910S, N910H, N910F, N910G, N910U, N910K, N910L)
Display Technology	AMOLED
Screen Size	5.7 inches
Resolution	1440x2560 pixels
Pixel Density	518 ppi
Item Weight	3.52 ounces
Manufacturer	A-MIND
Country of Origin	China



Image: The replacement AMOLED display for Samsung Galaxy Note 4, highlighting key specifications such as 518 ppi, 5.7 inches, and 1440x2560 pixels resolution.



Image: A detailed view of the upper section of the LCD display, showing the cutouts for the earpiece, front camera, and sensors, ensuring proper fit within the phone's frame.

WARRANTY AND SUPPORT

A-MIND offers comprehensive support for your product. Please review the following information regarding warranty coverage and how to obtain assistance.

Warranty Coverage:

- A **3-month free replacement or refund coverage** is provided for non-human product damage and manufacturing faults.
- This warranty does not cover damages or malfunctions caused by incorrect installation work. Use the product at your own risk.

Contacting Support:

If you receive a broken, damaged, or missing item, or if you encounter any issues during or after the pre-installation test, please do not install the product. Instead, contact our service team immediately.

- **Provide Evidence:** When contacting support, please attach photos or videos of the issue to help us assist you more efficiently.
- **Email Support:** For further assistance, please email our customer service team. (Specific email address not provided in source, so general instruction is given).

Our customer service staff is always at your service for any questions or concerns.

