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› SRJTEK TFT LCD Display Replacement Manual for Xiaomi Poco M4 Pro 4G / Redmi Note 11 4G / Redmi Note 11s 4G

SRJTEK Poco M4 Pro 4G, Redmi Note 11 4G, Redmi Note 11s 4G

SRJTEK TFT LCD Display Replacement Manual

FOR XIAOMI POCO M4 PRO 4G, REDMI NOTE 11 4G, REDMI NOTE 11S 4G (NOT FOR 5G)

Model Numbers: MZB0B5VIN, 2201117PI, 2201117PG

1. Introduction

This manual provides detailed instructions for replacing the LCD display and touch screen digitizer assembly on your Xiaomi Poco M4 Pro 4G, Redmi Note 11 4G, or Redmi Note 11s 4G smartphone. This product is a TFT display, designed to restore full functionality to devices with damaged or non-responsive screens. Please read all instructions carefully before beginning the installation process.

2. Package Contents

Verify that all items are present in your package before proceeding:

- 1x SRJTEK TFT LCD Touch Screen Digitizer Assembly Replacement
- 1x Free Double-sided Adhesive Tape
- 1x Set of Basic Installation Tools (universal tools, additional professional tools may be required)



Image 1: Contents of the SRJTEK LCD screen replacement kit, including the display assembly and basic tools.

3. Product Specifications

Material	TFT
Compatible Models	Xiaomi Poco M4 Pro 4G, Xiaomi Redmi Note 11 4G, Redmi Note 11s 4G (Not compatible with 5G versions)
Screen Size	6.43 inches
Resolution	1080 x 2400 pixels
Flex Cable Version	Short flex cable (for Redmi Note 11 4G, confirm version before purchase)

4. Important Installation Precautions

Careful adherence to these precautions is essential to prevent damage to the new display or your device:

1. **Pre-Installation Test:** Before removing any protective films or labels, connect the new screen to your device's motherboard and test its functionality (display, touch response). Do not proceed with full installation if any issues are observed.
2. **Fragile Component:** The screen is made of glass and is highly fragile. Handle with extreme care to avoid cracks or damage.
3. **Static Electricity:** Be aware of static electricity. Wear an anti-static wrist strap or frequently touch a grounded metal object to discharge static, which can damage electronic components.
4. **Flex Cable Handling:** Do not bend the LCD flex cable excessively. Bending it beyond 90 degrees can cause a black screen or other display malfunctions. Ensure the cable is not crimped or stressed during installation.
5. **Professional Installation Recommended:** If you lack experience in electronic device repair, it is strongly recommended to seek assistance from a professional repair technician. Attempting self-repair without proper knowledge can lead to further damage.
6. **Component Transfer:** The replacement screen does not include the frame, power buttons, volume buttons, or other small components. These must be carefully removed from your old screen assembly and transferred to the new one.

5. Installation Guide

This section outlines the general steps for screen replacement. For detailed visual guidance, it is highly recommended to search for relevant installation videos on platforms like YouTube for your specific phone model.

1. **Power Off Device:** Ensure your phone is completely powered off before starting.
2. **Remove SIM Tray:** Eject the SIM card tray.
3. **Open Device:** Carefully open the device, typically by heating the edges to soften adhesive and using prying tools.
4. **Disconnect Battery:** Always disconnect the battery connector first to prevent short circuits.
5. **Disconnect Old Screen:** Carefully disconnect the flex cables connecting the old screen to the motherboard.
6. **Remove Old Screen:** Remove the screws and adhesive holding the old screen in place.
7. **Transfer Components:** Transfer any necessary components (e.g., earpiece speaker, front camera, home button if applicable) from the old screen to the new replacement screen.
8. **Connect New Screen (Test Phase):** Connect the new screen's flex cables to the motherboard. Do not fully install or apply adhesive yet.
9. **Test Functionality:** Reconnect the battery and power on the device to perform a thorough pre-installation test (see Section 6).
10. **Final Installation:** If the test is successful, power off the device, disconnect the battery, and carefully apply the double-sided adhesive tape. Secure the new screen into the frame, ensuring all flex cables are properly routed and connected without bending.
11. **Reassemble Device:** Reconnect the battery, close the device, and reinsert the SIM tray.

100% Tested one by one,
High level material for the flex cable



Image 2: Close-up view of the flex cable and connector, highlighting critical connection points for installation.

6. Screen Testing

Thoroughly test the new screen before final assembly to ensure proper operation:

- **Display Check:** Power on the device and check for any dead pixels, lines, color distortions, or uneven backlighting.
- **Touch Functionality:** Test the touch response across the entire screen. Drag an app icon around the screen to ensure all areas respond correctly.
- **Brightness Adjustment:** Verify that screen brightness can be adjusted smoothly.
- **Color Saturation:** Observe the color reproduction. The SRJTEK screen offers high color saturation and resolution.

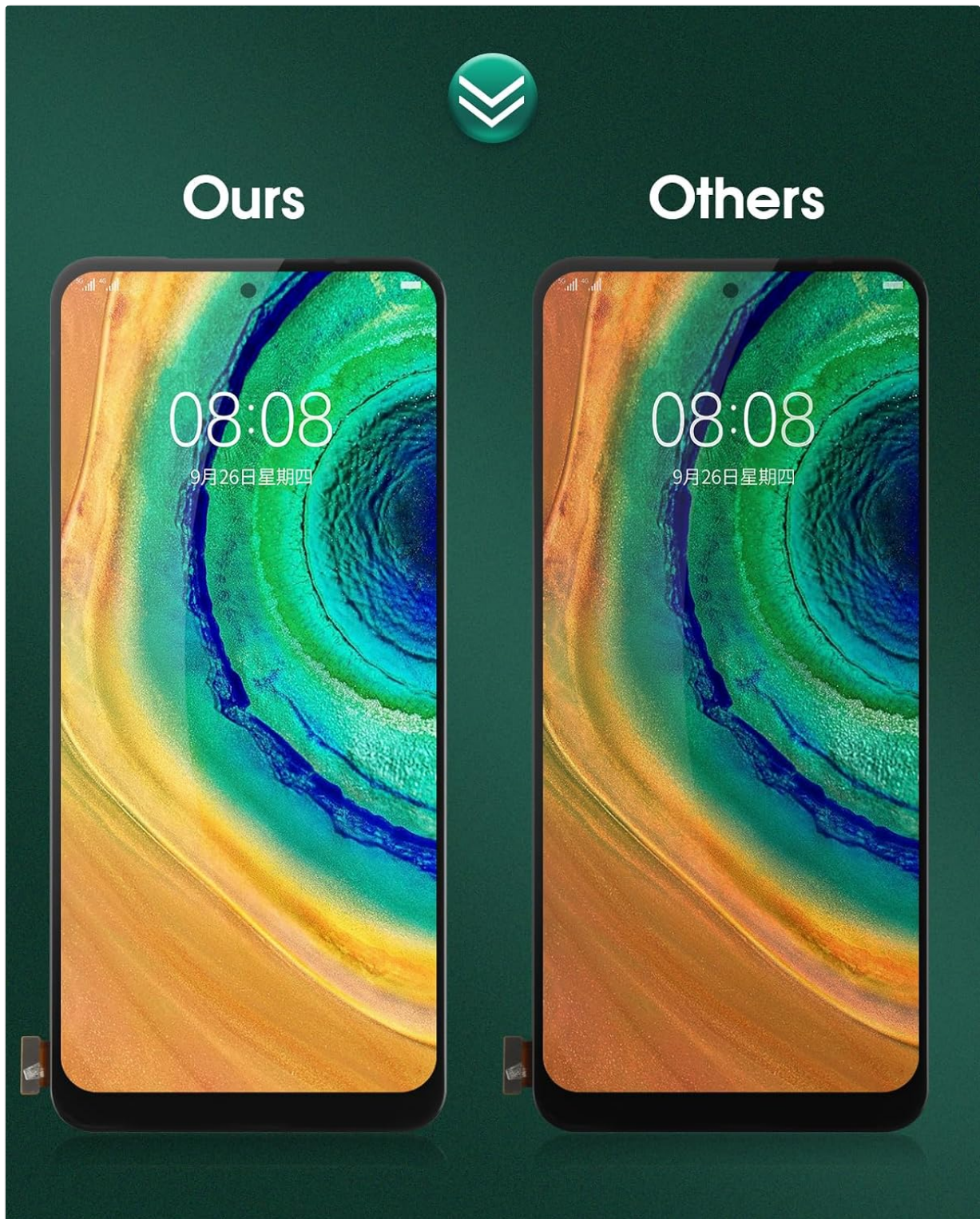


Image 3: Visual comparison illustrating the display quality of the SRJTEK screen versus a generic alternative.



Display Effect Comparison

Our screens is more high-definition, added polarizers, which can protect your eyes well. Compared with other cheaper screens, better brightness , higher resolution , more advanced visual experience



Image 4: Demonstration of display clarity and viewing angles, highlighting the improved visual experience.

Touch Feels Like Original Screen

Our screen has high sensitivity of touch function, with the blessing of 3D Touch technology, which ensures the smoothness of screen clicking and sliding. The touch feels as smooth as ever.

The touch feels smoother and more responsive



Image 5: Illustration of the screen's high touch sensitivity and smooth response, similar to the original display.

7. Troubleshooting Common Issues

- **Black Screen After Installation:** If your phone displays a black screen but vibrates when powered on, this often indicates that the main flex cable is not properly installed. Power off the device, disconnect the battery, and carefully re-seat all flex cables.
- **Unresponsive Touch:** Ensure all touch-related flex cables are securely connected. Re-test the screen. If the issue persists, the screen itself may be faulty.
- **Display Anomalies (Lines, Spots):** These can be caused by a damaged flex cable, improper connection, or a defective screen. Recheck connections and ensure no cables are bent or pinched.

8. Maintenance and Care

To ensure the longevity of your new display:

- Avoid dropping or subjecting the device to impact.
- Keep the screen clean using a soft, lint-free cloth.
- Protect the screen with a screen protector and a protective case.



Brand New Upgrade

Newly upgraded of the internal screen and external screen.
9H hardness, more resistant to scratches, Thinner screen,
More sensitive touch feels, Better visual experience



Smooth Feel



3D Arc edge



Scratchproof



HD Effect



Waterproof

Image 6: Overview of the upgraded screen's features, including enhanced durability and visual quality.

9. Quality Guarantee and Support

All SRJTEK products undergo strict Quality Control testing before shipment to ensure they are 100% intact

and free from scratches, dead zones, or pixel defects. We aim for high color saturation, resolution, and a smooth touch experience.

If you encounter any issues or require assistance, please contact SRJTEK customer support. We are committed to responding within 24 hours to help resolve your concerns.