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› SRJTEK Screen Replacement Instruction Manual for Huawei Y7 2018 Series

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Model Compatibility: Huawei Y7 2018 (LDN-L01, LDN-LX3), Huawei Y7 Prime 2018 (LDN-L21, LDN-LX2, LDN-TL10), Huawei Y7 Pro 2018, Nova 2 Lite

INTRODUCTION

This manual provides detailed instructions for replacing the LCD display and touch digitizer panel on compatible Huawei Y7 2018 series smartphones. Please read all instructions carefully before beginning the installation process to ensure a successful repair and to prevent damage to your device or the replacement part.

SAFETY INFORMATION

Important Safety Precautions

- Always power off your device completely before starting any repair.
- Disconnect the battery connector before removing any other components to prevent short circuits.
- Discharge static electricity from your body by touching a grounded metal object or using an anti-static wrist strap.
- Handle all components, especially flex cables, with extreme care. Bending or tearing flex cables can cause permanent damage.
- Wear eye protection to prevent injury from small flying parts.
- Keep small parts away from children.

PACKAGE CONTENTS

What's Included in Your Kit

- 1x LCD with touch screen replacement assembly
- 1x Tempered glass screen protector
- 1x Opening tool kits (may include plastic spudgers, picks, and small screwdrivers)
- 1x Adhesive (for securing the screen)

TOOLS REQUIRED (NOT INCLUDED)

Additional Tools You May Need

- Heat gun or hair dryer (for softening adhesive)
- Small Phillips head screwdriver
- Suction cup (for lifting the screen)
- Fine-tip tweezers (for handling small components)
- Clean, lint-free cloth

PRE-INSTALLATION STEPS

Before You Begin

- **Backup Your Data:** Before any repair, it is highly recommended to back up all important data from your device.
- **Power Off:** Ensure your phone is completely powered off.
- **Discharge Battery:** If possible, discharge the phone's battery below 25% to reduce the risk of fire if the battery is accidentally damaged during the repair.
- **Initial Test:** Before fully installing, connect the new screen's flex cables to the motherboard (without applying adhesive) and power on the phone to test display functionality, touch response, and color accuracy. If any issues are present, contact customer support before proceeding.



Image showing the front (display side) and back (flex cable side) of the SRJTEK screen replacement unit. Observe the delicate flex

INSTALLATION INSTRUCTIONS

Step-by-Step Guide for Screen Replacement

Disclaimer: This guide is for informational purposes. Professional installation is highly recommended. Proceed at your own risk.

1. **Remove SIM Tray:** Use a SIM ejector tool to remove the SIM card tray from the side of the phone.
2. **Heat the Edges:** Carefully apply heat to the edges of the phone's screen using a heat gun or hair dryer for 1-2 minutes. This softens the adhesive holding the screen in place. Do not overheat.
3. **Separate the Screen:** Place a suction cup on the bottom edge of the screen. Gently pull up while inserting a thin opening tool (like a plastic pick) into the gap created. Carefully slide the tool around the perimeter to separate the screen from the frame. Be cautious of flex cables.
4. **Disconnect Battery:** Once the screen is partially lifted, locate and disconnect the battery flex cable from the motherboard. This is a critical safety step.
5. **Disconnect Old Screen:** Carefully disconnect the flex cables of the old screen (LCD and digitizer) from the motherboard.
6. **Remove Old Screen:** Completely remove the old, damaged screen.
7. **Clean the Frame:** Thoroughly clean any remaining adhesive residue from the phone's frame. Ensure the surface is smooth and free of debris for proper adhesion of the new screen.
8. **Connect New Screen (for testing):** Carefully connect the flex cables of the new screen replacement to the corresponding connectors on the motherboard. Do not apply adhesive yet.
9. **Test the Screen:** Reconnect the battery and power on the phone. Perform a thorough test of the new screen (refer to the 'Testing the New Screen' section). If the screen functions correctly, power off the phone and disconnect the battery and screen flex cables again.
10. **Apply Adhesive:** Apply the provided adhesive evenly around the perimeter of the phone's frame where the screen will sit.
11. **Install New Screen:** Carefully reconnect the new screen's flex cables to the motherboard, then reconnect the battery. Align the new screen precisely with the phone's frame and gently press it into place, ensuring even pressure around all edges.
12. **Secure and Cure:** Use rubber bands or clamps to hold the screen firmly in place while the adhesive cures (typically a few hours, refer to adhesive instructions). Avoid excessive pressure.



Close-up view of the back of the replacement screen, highlighting the main flex cable connectors for the LCD and digitizer. Ensure these are properly aligned and connected.



Angled view of the top portion of the screen's back, showing the camera and sensor cutouts, and the delicate flex cable routing.
Handle with care to avoid damage.



Detailed view of the top front of the screen, showing the earpiece, front camera, and sensor openings. Verify these align correctly with your phone's frame.

TESTING THE NEW SCREEN

Post-Installation Functionality Check

After the screen is installed (or during the pre-installation test), perform the following checks:

- **Display Quality:** Check for any dead pixels, discoloration, lines, or abnormal brightness.
- **Touch Functionality:** Test the entire screen for touch response. Drag an app icon across the screen to ensure there are no dead spots.
- **Brightness Adjustment:** Verify that the screen brightness can be adjusted from minimum to maximum.
- **Color Accuracy:** Check if colors appear natural and vibrant.
- **Front Camera/Sensors:** Ensure the front camera, proximity sensor, and ambient light sensor (if applicable) are functioning correctly and not obstructed.



Image displaying the screen with key specifications such as IPS LCD, 269 ppi, 5.99 inches, and 1440x720 pixels. This visual confirms the screen's technical details.

MAINTENANCE

Care for Your New Display

- **Use a Screen Protector:** Apply the included tempered glass screen protector to add an extra layer of defense against scratches and minor impacts.
- **Avoid Drops and Impacts:** While the new screen is designed to be durable, severe drops or impacts can still cause damage.
- **Clean Gently:** Use a soft, lint-free cloth to clean the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Protect from Extreme Temperatures:** Avoid exposing your device to extreme heat or cold, as this can affect screen performance and adhesive integrity.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Screen not turning on	Loose flex cable connection, battery not connected, damaged screen.	Check all flex cable connections (LCD, digitizer, battery). Ensure battery is charged. Re-test the screen.
Touch not responding or erratic	Loose digitizer flex cable, damaged digitizer, static electricity.	Ensure digitizer flex cable is securely connected. Power cycle the device. Perform a hard reset.
Display issues (lines, discoloration, dead pixels)	Loose LCD flex cable, damaged LCD, manufacturing defect.	Check LCD flex cable connection. If issues persist after re-seating, the screen may be defective. Contact support.
Screen not fitting flush	Old adhesive residue, bent frame, incorrect alignment.	Thoroughly clean the frame. Ensure no components are obstructing the screen. Re-align carefully.

SPECIFICATIONS

Product Details

- **Color:** Black
- **Size:** 5.99 inches
- **Resolution:** 1440*720 pixels
- **Display Type:** LCD Touch Screen Digitizer Panel Full Assembly
- **Compatibility:** Huawei Y7 2018 (LDN-L01, LDN-LX3), Y7 Prime 2018 (LDN-L21, LDN-LX2, LDN-TL10), Y7 Pro 2018, Nova 2 Lite

WARRANTY AND SUPPORT

Warranty Information

This product comes with a **6-month guarantee**. If the item received has any problems, you can contact SRJTEK customer service for assistance. We will provide you with a new replacement or a satisfactory solution.

Important Note on Installation

We highly recommend **professional installation** for this product. Damages incurred during the installation process are not covered under warranty and are not accepted for return. It is crucial to ensure the flex cable is connected correctly and securely to the motherboard to avoid functionality issues.