

Brinonac B7PB01

Brinonac iPhone 7 Plus Screen Replacement Instruction Manual

Model: B7PB01

1. INTRODUCTION

This manual provides detailed instructions for the installation and proper use of the Brinonac Screen Replacement for iPhone 7 Plus 5.5 inch. This product is designed to replace damaged or malfunctioning screens, restoring your device's display and touch functionality.

Compatibility: This screen replacement is exclusively designed for iPhone 7 Plus 5.5 inch models A1661, A1784, and A1785. It is not compatible with other iPhone models or brands. Please verify your device model before proceeding with installation.

This replacement screen addresses common issues such as cracked glass, unresponsive touch, dead pixels, display color abnormalities, and a completely black screen.



Image 1.1: The Brinonac iPhone 7 Plus screen replacement kit, including the LCD digitizer assembly and a set of repair tools.

2. IMPORTANT SAFETY PRECAUTIONS

Adhering to these precautions is crucial to prevent damage to your device or the new screen and to ensure a successful repair.

- **Power Off Device:** Before beginning any repair, ensure your iPhone is completely powered off and disconnected from any power source.
- **Handle with Care:** The screen assembly contains delicate components. Avoid excessive force, bending, or dropping the screen.
- **Static Electricity:** Discharge any static electricity from your body before handling internal components. Consider using an anti-static wrist strap.
- **Organize Screws:** iPhone screws vary in size. Keep track of each screw's original location to avoid damaging internal components during reassembly.
- **Test Before Final Assembly:** It is imperative to test the new screen's functionality (display, touch, 3D Touch) before fully reassembling the device.

APPLICATION

Make your iPhone like **NEW**



Cracked screen



Display and color issue



Unresponsive touch



No display

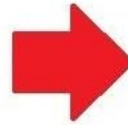


Image 2.1: Visual reminder to test the screen's functionality before completing the installation process.

Wrong way to install the screen, it will break the screen

Right



Image 2.2: Illustration demonstrating the correct method for installing the screen to prevent damage, contrasting with an incorrect method.

3. PACKAGE CONTENTS

Your Brinonac iPhone 7 Plus screen replacement kit typically includes the following items:

- Brinonac LCD Digitizer Touch Screen Assembly for iPhone 7 Plus
- Set of precision repair tools (various screwdrivers, pry tools, suction cup, SIM ejector pin)
- Waterproof frame adhesive sticker
- Screen protector
- Instruction manual (this document)

Please inspect all items upon receipt to ensure everything is present and undamaged.

4. SETUP AND INSTALLATION

The installation process requires careful attention to detail. It is highly recommended to watch a comprehensive online instruction video before starting. Many resources are available on video-sharing platforms that provide step-by-step visual guidance for iPhone 7 Plus screen replacement.

4.1. Pre-Installation Steps

1. **Backup Your Device:** Ensure all important data on your iPhone is backed up to iCloud or your computer.
2. **Power Off:** Completely power off your iPhone.
3. **Remove SIM Tray:** Use the SIM ejector tool to remove the SIM card tray.
4. **Remove Pentalobe Screws:** Locate and remove the two pentalobe screws at the bottom edge of the iPhone, next to the charging port.

4.2. Disassembly (General Overview)

Using a suction cup and pry tools, carefully separate the old screen assembly from the phone's frame. Work slowly around the edges to release the adhesive. Once the screen is slightly lifted, open it like a book from the left side, being careful not to strain the ribbon cables connecting it to the logic board.

4.3. Transferring Components

The Brinonac screen replacement typically does not include the front camera, earpiece speaker, or home button assembly. These components must be carefully transferred from your original screen to the new replacement screen. This involves:

- Disconnecting and removing the metal shield covering the display cables.
- Disconnecting the battery connector to prevent accidental power-on.
- Carefully detaching the old screen's display and digitizer flex cables.
- Removing the home button assembly, front camera, and earpiece speaker from the old screen.
- Attaching these original components to the new Brinonac screen assembly.



Image 4.1: A close-up view of the flexible ribbon cables and connectors on the back of the replacement screen, which connect to the iPhone's logic board.



▲ **Please test the screen before you assembly it.**

▲ **Power on the iPhone, Check whether the iPhone screen can work normally**

! **Please refer to the operation video on Youtube or look for a repair shop if you are not professional.**

Image 4.2: A pair of hands using specialized tools to work on the internal components of a smartphone, illustrating the delicate nature of the screen replacement process.

4.4. Connecting the New Screen and Testing

1. Carefully connect the flex cables of the new screen to the corresponding connectors on the iPhone's logic board. Ensure they are seated correctly and securely.
2. Reconnect the battery.
3. Power on the iPhone to test the new screen. Check for display quality, touch responsiveness across the entire screen, 3D Touch functionality, and ensure the transferred home button, front camera, and earpiece speaker are working correctly.
4. If any issues arise, power off the phone, disconnect the battery, and re-check all cable connections.

4.5. Final Assembly

1. Once testing is complete and satisfactory, power off the iPhone and disconnect the battery.
2. Apply the waterproof frame adhesive sticker around the perimeter of the phone's frame.
3. Carefully align the new screen assembly with the phone's frame, ensuring the top edge is inserted first, then gently pressing down the sides and bottom until it clicks into place.
4. Reinstall the two pentalobe screws at the bottom of the phone.
5. Reinsert the SIM tray.

5. OPERATING INSTRUCTIONS

After successful installation, your iPhone 7 Plus should operate as expected with the new Brinonac screen.

- **Power On:** Press and hold the power button until the Apple logo appears.
- **Touch Functionality:** Verify smooth and accurate touch response across the entire screen.
- **Display Quality:** The screen offers high resolution and brightness up to 450 nits, providing clear and vibrant visuals.
- **3D Touch:** Confirm that the 3D Touch feature is fully functional.



New Screen, New View

Image 5.1: An iPhone displaying a vibrant image, demonstrating the visual quality and clarity of the newly installed Brinonac screen.

6. MAINTENANCE

To ensure the longevity and optimal performance of your new screen, consider the following maintenance tips:

- **Screen Protection:** Utilize the included screen protector to guard against scratches and minor impacts.
- **Gentle Cleaning:** Clean the screen with a soft, lint-free cloth, preferably microfiber. Avoid harsh chemicals or abrasive materials.
- **Avoid Drops and Impacts:** While the screen is durable, severe drops or impacts can still cause damage. Consider a protective case for your device.

- **Water Resistance:** The included waterproof frame adhesive sticker helps restore some of the iPhone's original water resistance. However, it is not guaranteed to be fully waterproof after repair. Avoid submerging your device in water.

7. TROUBLESHOOTING

If you encounter issues after installation, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Screen not turning on / Black screen	Loose display cable connection; Battery not reconnected; Damaged screen during installation.	Power off, disconnect battery, re-seat all display and digitizer flex cables. Ensure battery is connected. If still black, the screen may be faulty or damaged.
Touch not responding / Ghost touches	Loose digitizer cable connection; Debris on connectors; Screen defect.	Power off, disconnect battery, re-seat digitizer flex cable. Clean connectors gently. If issue persists, the screen may be faulty.
Lines on display / Discoloration	Loose display cable connection; Screen damage during installation; Screen defect.	Power off, disconnect battery, re-seat display flex cable. If lines persist, the screen may be faulty or damaged.
Home button / Front camera / Earpiece not working	Components not transferred correctly; Flex cables for components are loose or damaged.	Power off, disconnect battery, re-check connections for the specific component. Ensure components were transferred without damage.

If these troubleshooting steps do not resolve the issue, please contact Brinonac customer service for further assistance.

8. PRODUCT SPECIFICATIONS

- **Product Name:** Brinonac Screen Replacement for iPhone 7 Plus
- **Model Number:** B7PB01
- **Compatibility:** iPhone 7 Plus 5.5 inch (Models A1661, A1784, A1785)
- **Display Type:** LCD Digitizer Touch Screen
- **Color:** Black
- **Brightness:** Up to 450 nits
- **Product Dimensions:** 5.91 x 0.31 x 2.36 inches
- **Item Weight:** 5.6 ounces

9. WARRANTY AND CUSTOMER SERVICE

Brinonac provides a one-year warranty service for quality issues that are not caused by human error or improper installation. Each screen undergoes strict testing before shipment to ensure quality.

If you encounter any problems with your Brinonac iPhone 7 Plus screen replacement or are dissatisfied with the product, please contact Brinonac customer service. Our support team is available to assist you with troubleshooting and warranty claims.

For warranty service or technical support, please refer to the contact information provided with your purchase or

visit the official Brinonac website.

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Related Documents - B7PB01

	<p>Brinonac iPhone 11 Pro Max Screen Replacement Guide</p> <p>Step-by-step instructions and tips from Brinonac for replacing the screen on an iPhone 11 Pro Max (models A2161, A2220, A2218). This guide covers preparation, disassembly, component replacement, and reassembly.</p>
	<p>Brinonac iPhone 12 Mini Screen Replacement Guide</p> <p>Step-by-step guide for replacing the screen on an iPhone 12 Mini with the Brinonac replacement kit, including preparation, installation, and troubleshooting tips.</p>
	<p>Brinonac iPhone 13 Screen Replacement Guide: Step-by-Step Installation</p> <p>Comprehensive guide from Brinonac for replacing the iPhone 13 screen. Includes detailed steps, tips, and troubleshooting for a successful DIY repair.</p>
	<p>iPhone 7 Screen Replacement Guide by Brinonac - Full HD Display Installation</p> <p>Comprehensive guide for replacing the iPhone 7 screen. Learn step-by-step installation, troubleshooting tips, and safety precautions for your Brinonac Full HD screen replacement.</p>
	<p>Brinonac iPhone 6s Screen Replacement Guide - Step-by-Step Instructions</p> <p>Detailed, step-by-step guide from Brinonac for replacing the screen on an iPhone 6s. Includes installation tips, troubleshooting, and important safety precautions.</p>

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iPhone 14 Screen Replacement Guide

[iPhone 14 Screen Replacement Guide by Brinonac](#)

A comprehensive guide to replacing the screen on an Apple iPhone 14, provided by Brinonac. Includes step-by-step instructions, tips, and troubleshooting for a successful DIY repair.