

iFixit iPhone 7/7 Plus/8/8 Plus/SE 2020 Home Button

iFixit Home Button Replacement Manual

Compatible with iPhone 7, 7 Plus, 8, 8 Plus, and SE 2020

1. INTRODUCTION

This manual provides detailed instructions for replacing the home button on compatible iPhone models. This replacement part restores all home button functions, **excluding Touch ID functionality**. Touch ID is uniquely paired to the original logic board and cannot be restored with a replacement home button. For optimal results, it is recommended to have prior experience with small electronics repair or to seek professional assistance.

2. SAFETY INFORMATION

Please read and understand all safety precautions before beginning the repair process.

- **Power Off Device:** Always ensure your iPhone is completely powered off before starting any repair.
- **Disconnect Battery:** Disconnect the battery as early as possible in the repair process to prevent accidental short circuits.
- **Static Discharge:** Use an anti-static wrist strap or work on an anti-static mat to prevent electrostatic discharge (ESD), which can damage sensitive electronic components.
- **Handle with Care:** Electronic components are fragile. Handle them gently and avoid excessive force.
- **Small Parts:** Keep track of all screws and small parts. Using a magnetic mat or labeled containers is highly recommended.
- **Eye Protection:** Consider wearing eye protection to guard against small flying debris.

3. PRODUCT OVERVIEW

The iFixit Home Button replacement part is designed to restore the physical click and home button functionality of your compatible iPhone.

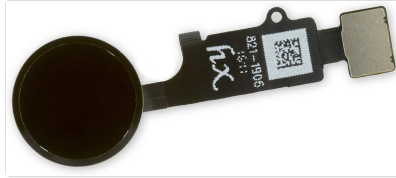


Figure 3.1: Front view of the iFixit replacement home button, showing the black circular button and the flexible circuit board.

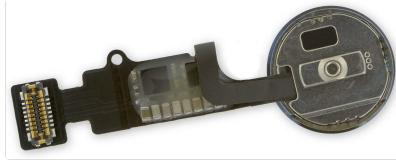


Figure 3.2: Back view of the iFixit replacement home button, revealing the internal circuitry and connector.

Key Features:

- Restores home button click functionality.
- Compatible with iPhone 7, 7 Plus, 8, 8 Plus, and SE 2020.
- Does NOT restore Touch ID functionality.

4. INSTALLATION GUIDE

This section outlines the general steps for replacing the home button. Specific disassembly steps may vary slightly between iPhone models. Refer to detailed repair guides for your specific iPhone model on the iFixit website (www.ifixit.com) for comprehensive, step-by-step visual instructions.

Required Tools (Not Included):

- Pentalobe screwdriver
- Phillips screwdriver
- Tri-point screwdriver
- Spudger
- Opening picks
- Suction cup
- Tweezers
- Heat gun or hairdryer (optional, for adhesive softening)



Figure 4.1: Example of an iFixit repair kit containing various tools necessary for electronics repair.

General Installation Steps:

1. **Prepare Workspace:** Ensure a clean, well-lit, and static-free environment.
2. **Power Off iPhone:** Completely shut down your iPhone.
3. **Remove Pentalobe Screws:** Remove the two pentalobe screws located at the bottom edge of the iPhone, next to the charging port.
4. **Open Display Assembly:** Carefully open the display assembly. This usually involves using a suction cup and opening picks to separate the display from the frame. Be aware of adhesive and delicate cables.
5. **Disconnect Battery:** Locate and disconnect the battery connector to prevent power flow during the repair.
6. **Disconnect Display Cables:** Disconnect all display and digitizer cables from the logic board.
7. **Remove Display Assembly:** Carefully remove the entire display assembly from the iPhone body.
8. **Access Home Button:** On the back of the display assembly, locate the home button bracket and screws. Remove them.
9. **Disconnect Home Button Cable:** Carefully disconnect the home button flex cable from the display assembly.
10. **Remove Old Home Button:** Gently remove the old home button. It may be lightly adhered.
11. **Install New Home Button:** Position the new iFixit home button into place. Ensure it sits correctly and the flex cable aligns.
12. **Connect New Home Button Cable:** Carefully connect the new home button flex cable.
13. **Reassemble:** Follow the disassembly steps in reverse order. Reconnect display cables, then the battery. Reattach the display assembly to the iPhone body and secure the pentalobe screws.
14. **Test Functionality:** Power on the iPhone and test the home button functionality (single press, double press). Remember, Touch ID will not work.

5. OPERATING THE REPLACEMENT HOME BUTTON

Once installed, the iFixit replacement home button operates identically to the original in terms of physical presses and gestures, with the exception of Touch ID.

- **Single Press:** Returns to the Home screen from any application.
- **Double Press:** Activates the App Switcher, allowing you to view and switch between open applications.
- **Triple Press:** Activates Accessibility Shortcuts (if configured in Settings > Accessibility > Accessibility Shortcut).
- **Press and Hold:** Activates Siri (if enabled).

Important Note: Touch ID functionality will be permanently lost with the installation of any non-original home button. This is a security feature implemented by Apple.

6. MAINTENANCE

The iFixit home button replacement part requires minimal maintenance once installed. However, following these general guidelines can help ensure its longevity:

- **Keep Clean:** Regularly wipe the home button and surrounding area with a soft, dry, lint-free cloth to prevent dust and debris buildup.

- **Avoid Liquids:** Do not expose the home button or your device to liquids, as this can cause damage to internal components.
- **Gentle Use:** Avoid excessive force when pressing the home button.

7. TROUBLESHOOTING

If you encounter issues after installing the replacement home button, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
Home button does not click or respond.	Flex cable not properly connected.	Re-open device and ensure home button flex cable is securely seated.
	Home button misaligned.	Verify home button alignment within the display assembly.
	Damaged flex cable during installation.	Inspect flex cable for tears or damage. If damaged, replacement may be necessary.
Home button feels loose or wobbly.	Home button bracket not securely fastened.	Ensure all screws for the home button bracket are tightened.
	Home button not seated correctly.	Re-seat the home button into its recess on the display assembly.
Touch ID is not working.	This is expected behavior.	The replacement home button does not restore Touch ID functionality due to Apple's security protocols.

8. SPECIFICATIONS

Part Name	Home Button Replacement
Brand	iFixit
Compatibility	iPhone 7, iPhone 7 Plus, iPhone 8, iPhone 8 Plus, iPhone SE 2020
Color	Black
Functionality	Restores home button click and navigation. Does NOT restore Touch ID.
Item Weight	0.16 ounces
ASIN	B086V6XCS7
Country of Origin	China
Date First Available	July 17, 2020

9. WARRANTY AND SUPPORT

iFixit stands behind its products. For specific warranty information and support, please refer to the official iFixit website.

iFixit offers a **"Backed for Life"** warranty on their tools and parts. This means if a tool breaks or a part is defective, they will replace it for as long as you own it.



Backed for Life

We believe in our tools, and we'll stand behind them. That's why all our tools come backed for life at iFixit. If something breaks, we'll replace it—for as long as you own it.

Figure 9.1: iFixit's "Backed for Life" commitment, emphasizing quality and long-term support.

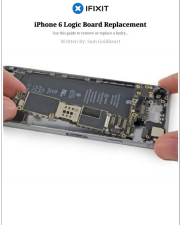

For further assistance, visit the iFixit support page or community forums:




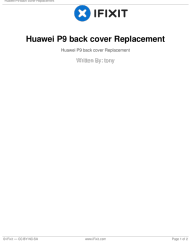
- [iFixit Support](#)
- [iFixit Answers \(Community Forums\)](#)
- [iFixit Store](#)

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Product Model: iFixit Home Button for iPhone 7/7 Plus/8/8 Plus/SE 2020

Related Documents - iPhone 7/7 Plus/8/8 Plus/SE 2020 Home Button

	<p>iPhone 6 Logic Board Replacement Guide</p> <p>A step-by-step guide to replacing the logic board in an Apple iPhone 6, detailing necessary tools, parts, and procedures for disassembly and reassembly.</p>
	<p>iPhone X NAND Repair Guide: Fix Recovery Mode & Unlock Data</p> <p>A detailed guide from iFixit and REWA on how to unlock NAND data and repair an iPhone X stuck in recovery mode by replacing the NAND storage chip. Includes step-by-step instructions, troubleshooting tips, and required tools.</p>

 <p>How To Restore True Tone After Screen Replacement On iPhone XS</p> <p>How to Restore True Tone After Screen Replacement</p> <p>Written By: Pinyan</p>	<p>How to Restore True Tone on iPhone XS After Screen Replacement</p> <p>A comprehensive guide from iFixit detailing the process of restoring the True Tone display feature on an iPhone XS after a screen replacement, using a programmer to transfer necessary data.</p>
 <p>iPhone 7 SIM Card Replacement</p> <p>Replace the SIM Card in the iPhone 7</p> <p>Written By: Scott Hensell</p>	<p>iPhone 7 SIM Card Replacement Guide</p> <p>A step-by-step guide from iFixit to replace or remove the SIM card from an Apple iPhone 7, including necessary tools and parts.</p>
 <p>Sostituzione batteria MacBook Pro 13" Function Keys Fine 2016</p> <p>How to replace the battery in the MacBook Pro 13" Function Keys</p> <p>Written By: Jody</p>	<p>MacBook Pro 13" Function Keys Late 2016 Battery Replacement Guide</p> <p>A step-by-step guide to replacing the battery in a MacBook Pro 13-inch with Function Keys, manufactured in late 2016. This guide covers disabling auto-boot, removing the bottom case, disconnecting the battery, and replacing the battery with detailed instructions and safety precautions.</p>
 <p>Huawei P9 back cover Replacement</p> <p>How to replace the back cover on the Huawei P9</p> <p>Written By: Jody</p>	<p>Huawei P9 Back Cover Replacement Guide - iFixit</p> <p>Step-by-step instructions from iFixit for replacing the back cover on a Huawei P9 smartphone. Learn how to perform the repair safely and effectively.</p>