

Samsung DE64-00760A

Samsung DE64-00760A Microwave Door Latch Key Instruction Manual

Model: DE64-00760A

Brand: Samsung

INTRODUCTION

This instruction manual provides essential information for the proper identification, installation, and maintenance of the Samsung DE64-00760A Microwave Door Latch Key. This component is an Original Equipment Manufacturer (OEM) authorized part designed to ensure the correct and safe operation of compatible Samsung microwave models. Please read this manual thoroughly before attempting any installation or repair to ensure safety and optimal performance.

PRODUCT OVERVIEW

The Samsung DE64-00760A is a crucial component for the microwave door assembly. It functions as a key that engages with the microwave's internal latch mechanism, ensuring the door is securely closed during operation. A properly functioning door latch key is vital for the microwave's safety interlock system, which prevents the appliance from operating when the door is not fully closed.



Image 1: The Samsung DE64-00760A Microwave Door Latch Key. This image displays the full component, highlighting its design and key features for proper identification.

SPECIFICATIONS

- **Part Number:** DE64-00760A (also known as 5839225)
- **Brand:** Samsung
- **Material:** Durable, high-temperature resistant plastic
- **Dimensions:** Approximately 7.8 inches (length) x 2.1 inches (width) x 0.2 inches (thickness). The hooks extend approximately 5.6 inches from the main body.
- **Weight:** Approximately 0.01 ounces
- **Compatibility:** Fits various Samsung brand microwave models. Refer to your appliance's service manual for exact compatibility.



Image 2: Dimensional view of the DE64-00760A Door Latch Key. This image illustrates the key dimensions of the part, including its length (7.8 inches), width (2.1 inches), and thickness (0.2 inches), which are crucial for verifying fitment. The extended hooks are approximately 5.6 inches high.

INSTALLATION INSTRUCTIONS

Safety First: Before beginning any repair, ensure the microwave oven is unplugged from the power outlet to prevent electrical shock. It is recommended to wear appropriate safety gear, such as gloves.

1. **Access the Door Latch Assembly:** Carefully open the microwave door. Depending on your specific model, you may need to gently pry off the inner plastic trim of the door using a thin putty knife or similar tool to expose the latch mechanism.
2. **Remove the Old Latch Key:** Locate the existing door latch key. It is typically held in place by small clips or screws. Carefully detach any springs connected to the key. Note the orientation of the old key before removal.
3. **Install the New Latch Key:** Position the new DE64-00760A door latch key in the same orientation as the old one. Ensure it slides smoothly into its designated slots. Reattach any springs to the appropriate hooks on the new key.

4. **Secure the Latch Key:** If your model uses screws, use the provided screws (or original screws if applicable) to secure the new latch key. Ensure all clips are properly engaged.
5. **Reassemble the Door:** Carefully reattach the inner plastic trim of the microwave door, ensuring it snaps securely into place.
6. **Test Functionality:** Plug the microwave back into the power outlet. Open and close the door several times to ensure the latch engages properly. Test the microwave with a cup of water to confirm it operates correctly and the door remains securely latched.



Video 1: This video demonstrates the installation process for a DE64-00760A Door Latch Key in a Samsung microwave. It provides visual guidance on accessing the door mechanism, replacing the old part, and securing the new latch key.



Video 2: This video illustrates the replacement of a DE64-00760A Microwave Door Latch, showing the steps involved in removing the old latch and installing the new one. It highlights key aspects of the repair for compatible Samsung models.

OPERATING PRINCIPLE

The DE64-00760A door latch key is an integral part of your microwave's safety system. When the microwave door is closed, the latch key engages with a series of interlock switches. These switches must all be activated for the microwave to begin or continue heating. If the door is not fully closed, or if the latch key is damaged, the interlock switches will not activate, preventing the microwave from operating. This is a safety feature designed to prevent microwave energy leakage.

MAINTENANCE

To ensure the longevity and proper function of your microwave door latch key, consider the following maintenance tips:

- **Regular Inspection:** Periodically inspect the door latch key for any signs of wear, cracks, or damage. If any issues are observed, consider replacement to maintain safety and functionality.
- **Gentle Operation:** Avoid slamming the microwave door, as this can put undue stress on the latch key and other door components, leading to premature wear or breakage.
- **Cleaning:** Keep the area around the door latch clean from food debris or spills that could interfere with its smooth operation. Use a soft, damp cloth for cleaning.

TROUBLESHOOTING

If your microwave is experiencing issues related to the door latch, consider the following:

- **Microwave Not Starting:** If the microwave does not start when the door is closed and the start button is pressed, the door latch key or the associated interlock switches may be faulty. Inspect the latch key for visible damage.

- **Door Not Latching Securely:** If the door feels loose or does not latch firmly, the latch key might be worn or broken. This can prevent the microwave from operating.
- **Intermittent Operation:** An intermittently functioning microwave might indicate a loose or partially damaged door latch key that sometimes makes contact with the interlock switches and sometimes does not.




If after inspecting the DE64-00760A door latch key you find it to be damaged, replacement is necessary. If the latch key appears intact, the issue might lie with the interlock switches or other internal components, which may require professional diagnosis.

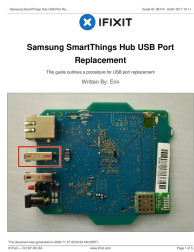
WARRANTY AND SUPPORT

As an Original Equipment Manufacturer (OEM) part, the Samsung DE64-00760A Door Latch Key is typically covered by the standard warranty terms provided by Samsung for replacement parts. For specific warranty details, including coverage period and claims process, please refer to the documentation that accompanied your original microwave appliance or contact Samsung customer support directly. Keep your purchase receipt for the replacement part as proof of purchase.

For further assistance, technical support, or to locate authorized service centers, please visit the official Samsung support website or contact their customer service hotline. When contacting support, have your microwave model number and the DE64-00760A part number ready.

Related Documents - DE64-00760A

	<p>Samsung NP700Z5AH Fan Replacement Guide</p> <p>A step-by-step guide to replacing the fan in a Samsung NP700Z5AH laptop, detailing the tools required and the procedure for removal and reassembly.</p>
	<p>Samsung N150 Plus Screen Replacement Guide</p> <p>Detailed step-by-step instructions for replacing the screen on a Samsung N150 Plus laptop, including necessary tools, parts, and procedures for safe disassembly and reassembly.</p>
	<p>Samsung Galaxy A50 Battery Replacement Guide</p> <p>Step-by-step instructions from iFixit on how to safely remove and replace the battery in a Samsung Galaxy A50 smartphone. Includes required tools, parts, and safety precautions.</p>



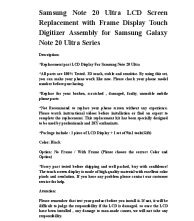
Samsung SmartThings Hub USB Port Replacement Guide

A step-by-step guide from iFixit for replacing the USB port on a Samsung SmartThings Hub (Model STH-ETH-250), including tools and detailed instructions.



Samsung Galaxy Tab S2 9.7 SM-T813 Battery Replacement Guide

Detailed step-by-step instructions for replacing the battery in a Samsung Galaxy Tab S2 9.7 (SM-T813) tablet, including necessary tools, parts, and safety precautions.



Samsung Galaxy Note 20 Ultra LCD Screen Replacement Guide

Comprehensive guide for replacing the Samsung Galaxy Note 20 Ultra LCD screen with frame, including touch digitizer assembly. Details on testing, installation, package contents, and important precautions.