

## Whirlpool W10843055

# Whirlpool W10843055 Refrigerator Main Control Board Instruction Manual

Model: W10843055

## 1. INTRODUCTION

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This instruction manual provides essential information for the Whirlpool W10843055 Main Control Board. This genuine OEM (Original Equipment Manufacturer) replacement part is designed to manage the primary functions of your Whirlpool refrigerator, including temperature regulation for both the fresh food compartment and the freezer, as well as controlling defrost cycles. Proper installation and understanding of its function are crucial for the optimal performance and longevity of your appliance.

## 2. PRODUCT OVERVIEW

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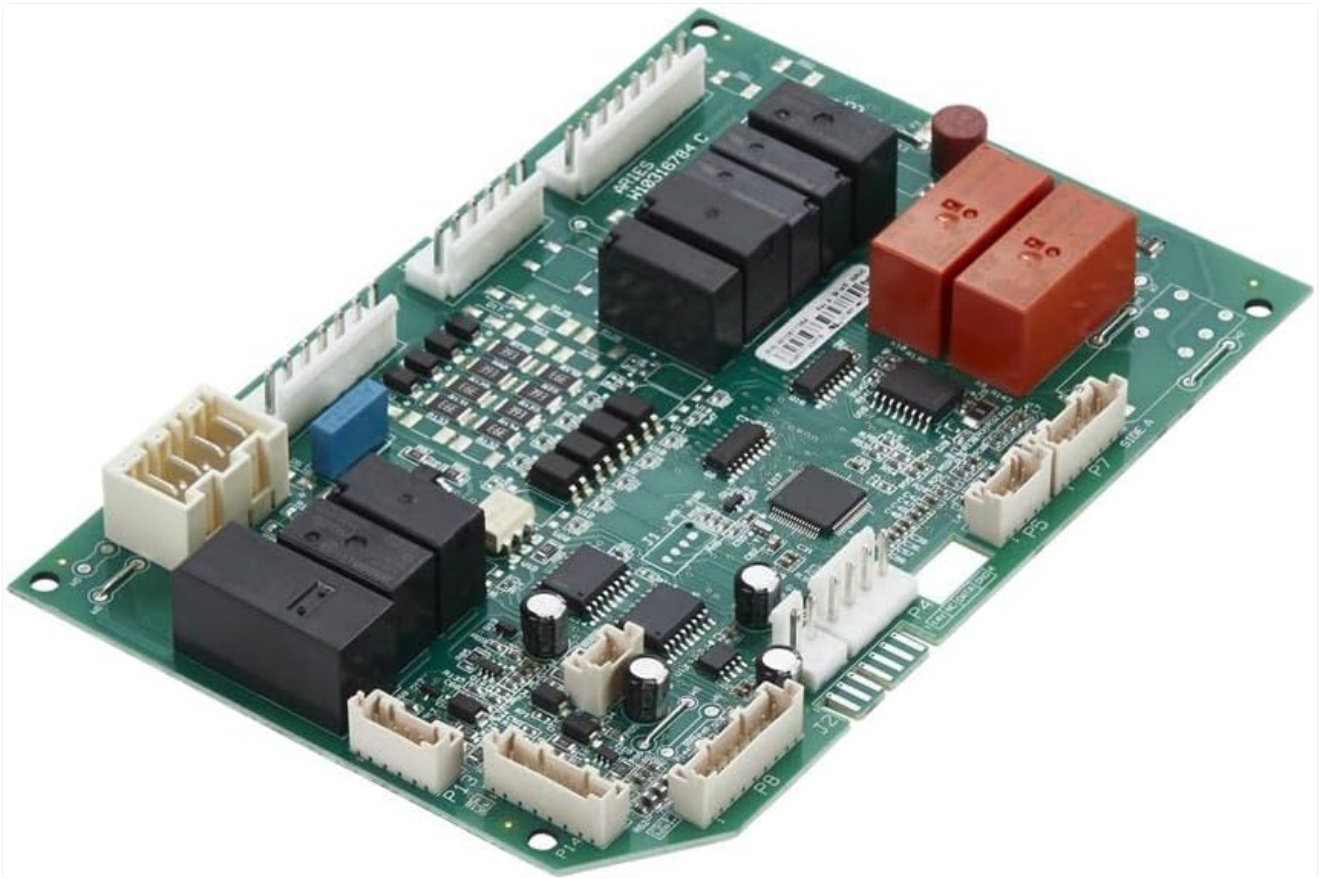


Figure 2.1: Angled view of the Whirlpool W10843055 Main Control Board.

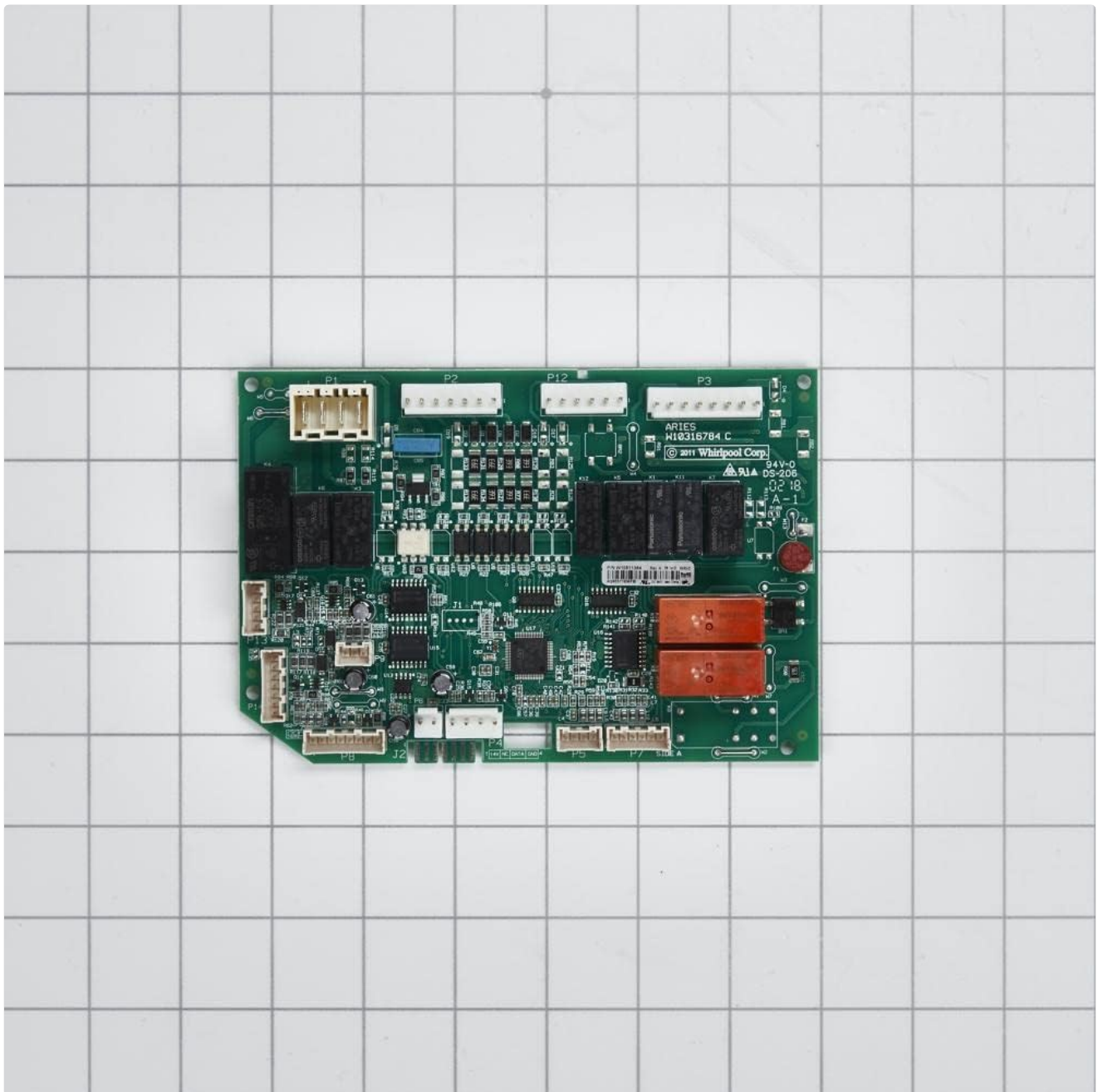


Figure 2.2: Top-down view of the Whirlpool W10843055 Main Control Board.

The Whirlpool W10843055 is a crucial electronic component for compatible Whirlpool refrigerators. It is manufactured to precise specifications to ensure seamless integration and reliable operation within your appliance. This board is a direct replacement for part number W10811364.

### Key Features:

- Genuine OEM Replacement Part: Ensures compatibility and performance as per original appliance design.
- Brand Name: Whirlpool.
- Country Of Origin: United States.
- Model Number: W10843055.

## 3. SAFETY INFORMATION

**WARNING:** Before attempting any repair or replacement of appliance parts, always disconnect the appliance from its power source. Failure to do so can result in electric shock, serious injury, or death. If you are unsure about any step, it is recommended to consult a qualified appliance repair technician.

- Ensure the refrigerator is unplugged from the wall outlet before beginning work.
- Wear appropriate personal protective equipment, such as gloves and safety glasses.
- Handle electronic components with care to avoid damage from static electricity.
- Keep all removed screws and parts organized to ensure proper reassembly.

## 4. INSTALLATION GUIDE

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Replacing a main control board requires careful attention to detail. The following steps provide a general guide. Specific procedures may vary depending on your refrigerator model. Always refer to your appliance's service manual for detailed instructions.

1. **Disconnect Power:** Unplug the refrigerator from the electrical outlet.
2. **Access the Control Board:** Locate the main control board compartment, typically at the back of the refrigerator or behind a kick plate. You may need to remove screws or panels to gain access.
3. **Document Connections:** Before disconnecting any wires, take clear photographs of all wire connections to the existing control board. This will serve as a crucial reference during reinstallation.
4. **Disconnect Wires:** Carefully disconnect all wire harnesses and connectors from the old control board. Note their positions.
5. **Remove Old Board:** Unscrew or unclip the old control board from its mounting brackets.
6. **Install New Board:** Position the new Whirlpool W10843055 Main Control Board in place and secure it with the original screws or clips.
7. **Reconnect Wires:** Using your photographs as a guide, carefully reconnect all wire harnesses and connectors to the new control board. Ensure all connections are secure.
8. **Reassemble:** Replace any panels or covers that were removed to access the board.
9. **Restore Power:** Plug the refrigerator back into the electrical outlet.
10. **Test Operation:** Monitor the refrigerator's operation to ensure all functions (cooling, ice maker, lights) are working correctly.

**Tip:** One user reported success by taking a picture of the original board before removing it to use as a reference for wiring. This is highly recommended.

## 5. OPERATION

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The Whirlpool W10843055 Main Control Board is the central processing unit for your refrigerator. It operates continuously to monitor and control various systems, including:

- **Temperature Regulation:** Maintains the set temperatures in the fresh food and freezer compartments by cycling the compressor and fans.
- **Defrost Cycles:** Initiates and manages automatic defrost cycles to prevent ice buildup on the evaporator coils.
- **Ice Maker Control:** Manages the ice production and dispensing functions (if applicable to your model).
- **User Interface:** Processes inputs from the control panel and displays status information.

Once correctly installed, the control board operates automatically based on the refrigerator's internal sensors and user settings. No direct user interaction with the board itself is required during normal operation.

## 6. MAINTENANCE

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The Whirlpool W10843055 Main Control Board is a sealed electronic component and does not require routine user maintenance. To ensure its longevity and proper function, it is recommended to:

- Keep the area around the refrigerator clean and free of dust and debris to prevent overheating of internal components.
- Ensure proper ventilation around the appliance.
- Avoid exposing the control board to moisture or extreme temperature fluctuations.

## 7. TROUBLESHOOTING

If your refrigerator experiences issues after replacing the control board, or if you suspect the board is malfunctioning, consider the following common scenarios:

- **Refrigerator Not Cooling / Randomly Shutting Off:**This could indicate a fault with the control board or other components it manages. Ensure all connections are secure. A temporary fix reported by users for similar issues is to unplug the refrigerator for approximately 5 minutes and then restore power. If the problem persists, further diagnosis by a technician may be necessary.
- **Ice Maker Not Working:** If the ice maker stops producing ice, and other components are confirmed functional, the control board might be the cause. Verify all wiring to the ice maker and the board.
- **Constant Beeping or Error Codes:** Refer to your refrigerator's user manual for specific error code interpretations. A new control board should resolve issues related to previous error codes, but if new ones appear, recheck installation or consult support.
- **Part Failure After Short Period:** If the replacement board fails shortly after installation, ensure it was a genuine OEM part and that the installation was correct. Contact the seller or Whirlpool support for warranty claims.

Always ensure the refrigerator is unplugged before inspecting any internal components.

## 8. SPECIFICATIONS

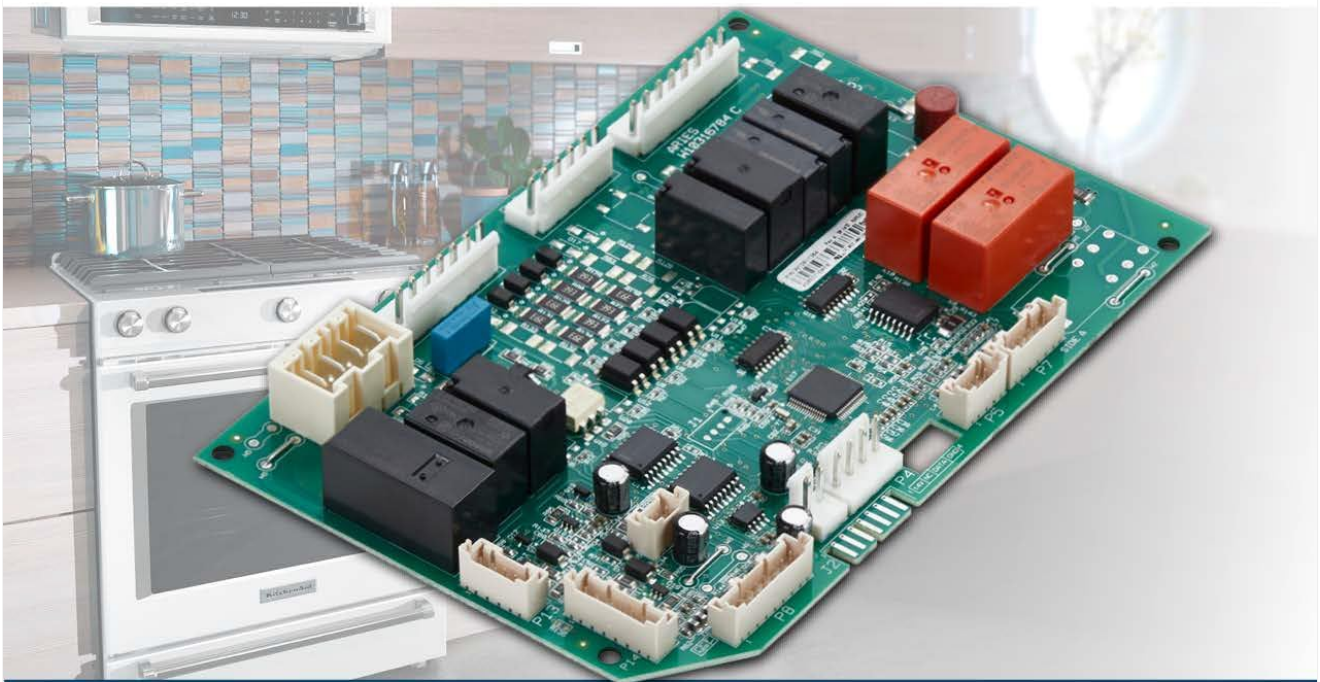
Attribute	Detail
Manufacturer	Whirlpool
Part Number	W10843055
Item Weight	8.8 ounces
Product Dimensions	1 x 1 x 1 inches
Item Model Number	W10843055
Replaces Part Number	W10811364
Item Package Quantity	1
Included Components	Single Whirlpool FSP W10843055 Refrigerator Main Control Board
Date First Available	February 22, 2018

## 9. WHY CHOOSE GENUINE WHIRLPOOL PARTS?

Whirlpool Corporation emphasizes the importance of using genuine OEM parts for optimal appliance performance and longevity. Non-genuine aftermarket parts may not meet the rigorous design and durability standards of Whirlpool, potentially leading to suboptimal performance or premature failure.



# REFRIGERATOR MAIN CONTROL BOARD



**Whirlpool Genuine OEM Part No. W10843055**

The French Door Refrigerator Electronic Control Board manages the main functions of the appliance, including cooling temperature and defrost times for the fresh food compartment and freezer.

**Whirlpool® KitchenAid® MAYTAG® AMANA® JENNAIR®**

Figure 9.1: Explanation of Original Equipment Manufacturer (OEM) parts.



# Features

For over 100 years,  
Whirlpool has cared for  
your appliance as you care  
for your home, which is  
why our replacement parts  
are made using durable  
materials and innovative  
processes



**Whirlpool Genuine OEM Part No. W10843055**

Replacement Part Numbers  
W10843055 French Door Refrigerator  
Electronic Control Board replaces the

Compatible Appliances W10843055 is  
compatible with multiple Whirlpool  
models, including WRX986SIHZ,  
WRX988SIBM

Whirlpool®

KitchenAid®

MAYTAG®

AMANA®

JENN-AIR®

Figure 9.2: Features and compatible models for Whirlpool genuine parts.

## Official Product Video: Whirlpool Genuine Parts

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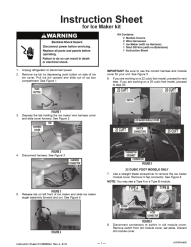

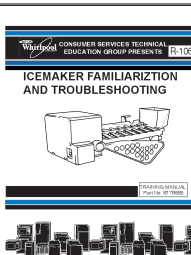
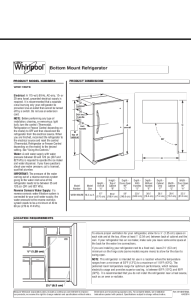

Video 9.1: This video from Whirlpool Service Parts explains the benefits and importance of using genuine OEM parts for Whirlpool appliances, highlighting their quality, durability, and precise fit.

## 10. WARRANTY AND SUPPORT

This Whirlpool W10843055 Main Control Board typically comes with a manufacturer's warranty. The general warranty description for this product is a 30-day return policy and a 90-day defective returns policy. For specific warranty details, claims, or technical support, please contact Whirlpool customer service or the authorized retailer from whom the part was purchased.

For further assistance, you may visit the official Whirlpool website or contact their authorized service centers.

Related Documents - W10843055

	<p><a href="#">Whirlpool Ice Maker Kit Installation Guide</a></p> <p>Comprehensive installation instructions for the Whirlpool ice maker kit (W10885624), detailing steps for 22 and 25 cubic foot refrigerators, including safety precautions and model-specific guidance.</p>
	<p><a href="#">Whirlpool Major Appliance Limited Warranty - Coverage, Claims, and Exclusions</a></p> <p>Detailed limited warranty information for Whirlpool major appliances, covering what is included, how to make a claim, and what is not covered. Includes warranty periods and contact information.</p>
	<p><a href="#">Whirlpool Icemaker Familiarization and Troubleshooting Guide</a></p> <p>A comprehensive training manual for Whirlpool icemaker familiarization and troubleshooting, covering operation, common issues, and repair guidance for compact and modular ice makers.</p>
	<p><a href="#">Whirlpool WRB119WFB Bottom Mount Refrigerator: Specifications and Installation</a></p> <p>Detailed specifications, dimensions, and installation requirements for the Whirlpool WRB119WFB bottom mount refrigerator. Includes electrical, water, ventilation, and temperature guidelines.</p>
	<p><a href="#">Whirlpool WRX38RWH6 WRX42RWH6 Top Mount Refrigerator Service Manual</a></p> <p>This service manual provides detailed technical information for Whirlpool WRX38RWH6 and WRX42RWH6 top mount refrigerators, covering product specifications, electrical data, circuit diagrams, servicing procedures, and comprehensive parts lists for all compartments and doors.</p>

<div data-bbox="129 185 298 237" data-label="Image"></div>	<div data-bbox="341 147 842 176" data-label="Section-Header"><p><a href="#">Whirlpool Major Appliance Limited Warranty</a></p></div> <div data-bbox="341 188 1449 338" data-label="Text"><p>This document outlines the Whirlpool Major Appliance Limited Warranty, covering parts and labor for defects, how to make a claim, and what is not covered for appliances in the United States and Canada. It details coverage periods, eligible components, and exclusions for major home appliances.</p></div>
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