

Frigidaire 5304495520

Frigidaire Range Control Board Replacement Manual

For Models LGEF3045KFH, LGEF3045KFK, LGEF3045KFE and compatible variants

1. INTRODUCTION

This manual provides essential information for the replacement of the control board in compatible Frigidaire range models. It covers safety precautions, installation guidelines, and general operational checks. This component is designed to restore the functionality of your appliance's control interface.

2. SAFETY INFORMATION

- **Disconnect Power:** Always ensure the appliance is completely disconnected from the electrical supply before attempting any service or replacement. Failure to do so can result in serious injury or death.
- **Professional Installation Recommended:** Appliance repair can be complex and dangerous. It is highly recommended that installation be performed by a qualified technician.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and eye protection, during installation.
- **Handle with Care:** Electronic components are sensitive. Avoid static discharge and physical damage to the control board.
- **Verify Compatibility:** Double-check that this replacement part is compatible with your specific appliance model before installation.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged.

- 1 x Frigidaire Range Control Board (Part Number: 5304495520)

- FGEF3044KFG
- FGEF3055KWB
- CGEF3055KFA
- FGEF3055KBE

Always verify your appliance's specific model number before purchasing and installing any replacement parts.

5. SETUP (INSTALLATION)

The following steps are general guidelines for replacing a range control board. Specific procedures may vary by model. It is strongly recommended to consult your appliance's service manual or a qualified technician for detailed instructions.

1. **Disconnect Power:** Turn off the circuit breaker supplying power to the range. Confirm power is off using a voltage tester.
2. **Access Control Panel:** Depending on your model, you may need to remove screws from the back panel or top console to access the existing control board.
3. **Document Connections:** Before disconnecting any wires, take clear photos or make a diagram of all wire connections to the old control board. This is crucial for correct reassembly.
4. **Disconnect Wires:** Carefully disconnect all wire harnesses and ground wires from the old control board.
5. **Remove Old Board:** Unscrew or unclip the old control board from its mounting brackets.
6. **Install New Board:** Position the new control board (Part Number 5304495520) into place and secure it with the original screws or clips.
7. **Reconnect Wires:** Using your photos or diagram, carefully reconnect all wire harnesses and ground wires to the new control board. Ensure all connections are secure and correctly seated.
8. **Reassemble Appliance:** Reattach any panels or consoles that were removed to access the control board.
9. **Restore Power:** Turn the circuit breaker back on to restore power to the range.

6. OPERATING (POST-INSTALLATION CHECK)

After installation, perform the following checks to ensure proper functionality:

- **Power On:** Verify that the range powers on and the display illuminates correctly.
- **Test Basic Functions:** Test basic functions such as setting the clock, turning on oven lights, and initiating a short bake cycle to ensure the heating elements activate.
- **Check All Buttons:** Press each button on the control panel to confirm it responds as expected.
- **Observe for Errors:** Monitor the display for any error codes or unusual behavior.

7. MAINTENANCE

The control board itself requires no routine maintenance. To ensure its longevity and proper function:

- **Keep Clean:** Regularly clean the exterior of the control panel with a soft, damp cloth. Avoid abrasive cleaners or excessive moisture.
- **Avoid Spills:** Prevent liquids from spilling onto the control panel, as this can damage the internal electronics.
- **Power Surges:** Consider using a surge protector for your appliance to protect sensitive electronic components from electrical fluctuations.

8. TROUBLESHOOTING

If you encounter issues after replacing the control board, consider the following:

- **No Power/Display:**
 - Check the circuit breaker for the range.
 - Ensure all wire connections to the control board are secure and correctly seated.
 - Verify the main power cord is properly plugged into the wall outlet.
- **Incorrect Function/Error Codes:**
 - Refer to your appliance's original user manual for specific error code interpretations.
 - Double-check all wire connections against your documentation (photos/diagrams). Incorrect wiring is a common cause of malfunction.
 - Ensure the control board is fully compatible with your specific model.
- **Buttons Unresponsive:**
 - Ensure the control panel overlay is correctly aligned and not obstructing button presses.
 - Check for any physical damage to the buttons or the board itself.

If troubleshooting steps do not resolve the issue, contact a qualified appliance technician for further assistance.

9. SPECIFICATIONS

Part Number	5304495520
Compatible Brand	Frigidaire
Color	Black
Number of Pieces	1
ASIN	B0F94DF5PM

10. WARRANTY AND SUPPORT

As this is a replacement part, warranty coverage is typically provided by the seller or manufacturer of the part, not by Frigidaire directly. Please refer to your purchase documentation or contact the seller for specific warranty terms and conditions.

For technical support or further assistance with installation, it is recommended to consult a certified appliance repair technician.

This manual is for informational purposes only. Always prioritize safety and consult a professional for complex repairs.

Related Documents - 5304495520

 <p>FRIGIDAIRE GALLERY quick start guide GAS RANGE</p>	<p>Frigidaire Gallery Gas Range Quick Start Guide - GCFG3060BF</p> <p>A concise quick start guide for the Frigidaire Gallery Gas Range (model GCFG3060BF), covering essential setup, cooktop basics, oven controls, various cooking modes, griddle usage, and FAQs. Learn to operate your new Frigidaire gas range efficiently.</p>
 <p>FRIGIDAIRE</p>	<p>Frigidaire Electric Range User Manual</p> <p>Comprehensive user manual for Frigidaire electric ranges, covering safety information, operating instructions, cooking recommendations, cleaning and maintenance, troubleshooting, and warranty details.</p>
 <p>INSTALLATION INSTRUCTIONS FRONT CONTROL, FREESTANDING ELECTRIC RANGE</p>	<p>Frigidaire 30-Inch Electric Freestanding Range Installation Instructions</p> <p>Detailed installation guide for the Frigidaire 30-inch front control freestanding electric range, covering safety, clearances, anti-tip bracket installation, electrical connections, and final placement. Includes diagrams explained in text.</p>
 <p>GETTING started WITH YOUR DUAL FUEL RANGE</p>	<p>Frigidaire PCFG3670AF Dual Fuel Range: Quick Start Guide</p> <p>Get started quickly with your Frigidaire PCFG3670AF Dual Fuel Range. This guide covers setup, cooktop and oven operation, quick care tips, and frequently asked questions for optimal use.</p>
 <p>INSTALLATION INSTRUCTIONS REAR CONTROL, FREESTANDING ELECTRIC RANGE</p>	<p>Frigidaire 30\"</p> <p>Comprehensive installation safety guide for Frigidaire 30\" electric ranges, covering safety precautions, clearances, tool requirements, anti-tip bracket installation, electrical connections, and final placement. Includes instructions for both US and Canadian models.</p>



[Frigidaire 30" Front Control Freestanding Gas Range Installation Instructions](#)

Comprehensive installation guide for the Frigidaire 30" Front Control Freestanding Gas Range, detailing safety warnings, required clearances, tools, materials, gas and electrical connections, anti-tip bracket installation, and operational checks.