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Frigidaire 137006060

Frigidaire 137006060 Main Control Board User Manual

Genuine Replacement Part for Washing Machines



Image: A banner displaying the logos of various brands including Electrolux, Frigidaire, Tappan, White-Westinghouse, Kelvinator, and Gibson, indicating the family of brands.

1. Introduction

This manual provides essential information for the Frigidaire 137006060 Main Control Board, a genuine replacement part designed for specific Frigidaire washing machine models. The control board is a critical component that manages various functions of your washing machine, ensuring proper operation of cycles, water levels, and motor functions. This document outlines safety precautions, installation guidelines, functional overview, maintenance tips, and troubleshooting advice to assist in the proper handling and integration of this part.

2. Safety Information

WARNING: Risk of electric shock, injury, or property damage. Always disconnect power before servicing appliances.

- Always disconnect the washing machine from its power source (unplug or turn off circuit breaker) before attempting any installation, repair, or maintenance.
- Wear appropriate personal protective equipment, including gloves and safety glasses.

- Installation and repair should only be performed by qualified technicians or individuals with experience in appliance repair. Improper installation can lead to serious injury or damage to the appliance.
- Handle the control board with care to avoid static discharge, which can damage electronic components. Consider using an anti-static wrist strap.
- Ensure all connections are secure and correctly seated before restoring power.

3. Installation Guide

The Frigidaire 137006060 Main Control Board is a direct replacement part. While general steps are provided, it is highly recommended that installation be performed by a certified appliance technician due to the complexity and electrical nature of the component.



Image: A rear view of the Frigidaire 137006060 Main Control Board, showing various white plastic connectors and mounting points. This image helps in identifying the correct replacement part and understanding its physical layout for installation.

General Installation Steps (Professional Installation Recommended):

1. **Disconnect Power:** Unplug the washing machine from the wall outlet or turn off the circuit breaker supplying power to the appliance.
2. **Access the Control Board:** Depending on your washing machine model, you may need to remove the top panel, back panel, or front console to access the existing control board. Refer to your specific washing machine's service manual for detailed access instructions.
3. **Document Connections:** Before disconnecting any wires, take clear photos or make diagrams of all wire connections to the old control board. This is crucial for correct reassembly.
4. **Disconnect Wires and Mounting:** Carefully disconnect all wire harnesses and remove any screws or clips securing the old control board.
5. **Install New Board:** Position the new Frigidaire 137006060 control board in place and secure it with the original screws or clips.
6. **Reconnect Wires:** Using your photos/diagrams, carefully reconnect all wire harnesses to the new control board. Ensure each connector is firmly seated.
7. **Reassemble Appliance:** Replace any panels or consoles that were removed.
8. **Restore Power and Test:** Plug the washing machine back in or turn on the circuit breaker. Perform a test cycle to ensure the washing machine functions correctly.

4. Function and Integration

The Frigidaire 137006060 Main Control Board serves as the central processing unit for your washing machine. It receives inputs from various sensors (e.g., water level, door lock, temperature) and user selections (e.g., wash cycle, spin speed) and then sends commands to other components such as the motor, water valves, drain pump, and dispenser. This board is responsible for:

- Controlling wash cycles and their duration.
- Managing water fill and drain operations.
- Regulating motor speed and direction for agitation and spin.
- Monitoring safety features like the lid switch or door lock.
- Displaying error codes or status indicators.

Proper integration of this genuine replacement part ensures that your washing machine operates according to its original design specifications.

5. Maintenance

As an electronic component, the Frigidaire 137006060 Main Control Board requires minimal direct maintenance. However, following general appliance care can prolong its lifespan:

- **Keep Dry:** Ensure the area around the control board remains dry. Moisture can cause short circuits and damage.
- **Clean Connections:** Periodically, with power disconnected, inspect wire connections for corrosion or looseness. Clean gently if necessary.
- **Ventilation:** Ensure the washing machine's ventilation pathways are not obstructed, as proper airflow helps dissipate heat from electronic components.
- **Avoid Overloading:** Consistently overloading the washing machine can put undue stress on all components, including the control board.

6. Troubleshooting

If your washing machine is experiencing issues after replacing the control board, or if you suspect the control board is faulty, consider the following common symptoms. Always ensure power is disconnected before inspecting components.

- **Washer Not Starting:** Check power supply, door/lid switch, and ensure all connections to the control board are secure.
- **Incorrect Cycle Behavior:** If cycles are not progressing correctly, or functions are skipped, it could indicate a control board issue or a faulty sensor connected to the board.
- **Error Codes:** Refer to your washing machine's user manual for specific error codes displayed. Many error codes point to issues with components that the control board interacts with.
- **No Display/Lights:** If the control panel display is blank or lights are off, check power, wiring, and the control board itself.
- **Intermittent Operation:** Sporadic issues can sometimes be attributed to loose connections or a failing control board.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified appliance repair technician for diagnosis and repair.

7. Specifications

Attribute	Detail
Part Number	137006060
Manufacturer	Frigidaire
Item Weight	1.32 pounds
Product Dimensions	6.5 x 6.25 x 14.38 inches
Item Model Number	137006060
Item Package Quantity	1
Certification	Certified frustration-free
Date First Available	August 11, 2009

8. Warranty and Support

For information regarding the warranty of your genuine Frigidaire 137006060 Main Control Board, please refer to the documentation provided with your original washing machine or contact Frigidaire customer support directly. Genuine Frigidaire parts are designed to meet high-quality standards and ensure compatibility with your appliance.
For technical assistance, parts inquiries, or to locate a certified service technician, please visit the official Frigidaire website or contact their customer service line. Always provide your appliance's full model and serial number when seeking support.

Frigidaire Official Website: www.frigidaire.com

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