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Whirlpool W11443147

Whirlpool W11443147 Microwave Control Board User Manual

Genuine OEM Replacement Part

1. Introduction

This manual provides essential information for the safe and correct installation, operation, and maintenance of the Whirlpool W11443147 Microwave Control Board. This component is a genuine Original Equipment Manufacturer (OEM) replacement part designed to restore the electronic functions and settings of compatible Whirlpool microwave ovens. Please read this manual thoroughly before attempting any installation or repair.

2. Safety Information

WARNING: Risk of Electric Shock. Disconnect power before servicing.

- Always disconnect the microwave oven from its power source before beginning any repair or installation. Failure to do so can result in serious injury or death.
- Only qualified technicians or individuals with appropriate electrical knowledge should attempt to install this part.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation.
- Handle the control board by its edges to avoid damaging electronic components due to electrostatic discharge.
- Ensure all connections are secure and correctly oriented before restoring power.

3. Package Contents

Verify that all items are present and undamaged upon opening the package.

- Whirlpool W11443147 Microwave Control Board (1 unit)
- This instruction manual (1 copy)

4. Installation Instructions

The following steps outline the general procedure for replacing a microwave control board. Specific steps may vary depending on your microwave model. Refer to your microwave's service manual for detailed instructions.

1. **Disconnect Power:** Unplug the microwave oven from the electrical outlet or turn off the circuit breaker supplying

power to the microwave.

2. **Access Control Panel:** Depending on your microwave model, you may need to remove screws from the top, back, or side panels to access the control board. Carefully detach the control panel assembly.
3. **Document Connections:** Before disconnecting any wires, take clear photos or make a diagram of all wire connections to the existing control board. This will aid in correct reassembly.
4. **Disconnect Wires:** Carefully disconnect all wire harnesses and ribbon cables from the old control board. Note the orientation of any ribbon cables.
5. **Remove Old Control Board:** Unscrew or unclip the old control board from its mounting brackets or housing.
6. **Install New Control Board:** Position the new Whirlpool W11443147 control board in the same location as the old one. Secure it with the original screws or clips.
7. **Reconnect Wires:** Using your photos or diagram, carefully reconnect all wire harnesses and ribbon cables to the new control board. Ensure all connections are firm and correctly seated.
8. **Reassemble Control Panel:** Reattach the control panel assembly and secure any removed screws.
9. **Restore Power:** Plug the microwave back into the electrical outlet or turn on the circuit breaker.
10. **Test Functionality:** Test the microwave's functions (e.g., clock setting, cooking modes, keypad response) to ensure the new control board is operating correctly.

5. Operation

The Whirlpool W11443147 Microwave Control Board is an internal component that manages the microwave's electronic functions. Once correctly installed, the microwave should operate as designed by the manufacturer. Refer to your microwave oven's user manual for specific operating instructions.

6. Maintenance

The control board itself requires no routine maintenance. To ensure its longevity and proper function, ensure the microwave oven is kept clean and free from spills or debris that could affect internal components. If the microwave is not functioning correctly after installation, refer to the troubleshooting section.

7. Troubleshooting

If your microwave oven does not function correctly after installing the W11443147 control board, consider the following:

- **No Power:** Ensure the microwave is properly plugged in and the circuit breaker has not tripped.
- **Keypad Unresponsive/Incorrect Display:**
  - Verify all ribbon cables and wire harnesses are securely connected to the control board and the keypad assembly.
  - Check for any bent pins or damaged connectors.
- **Specific Functions Not Working:**
  - Recheck all wire connections related to the non-functioning component (e.g., magnetron, turntable motor, light).
  - Ensure the control board is correctly seated and secured.
- **Error Codes:** If the microwave displays an error code, consult your microwave oven's service manual or the manufacturer's website for specific diagnostic information related to that code.

If issues persist, it is recommended to consult a qualified appliance repair technician.

8. Specifications

Feature	Detail
Part Number	W11443147
Brand	Whirlpool
Type	Microwave Control Board
Compatibility	Specific Whirlpool microwave models (refer to your appliance's parts list)
Dimensions (Approx.)	1 x 1 x 1 inches (as per product data, actual board dimensions may vary)
Included Components	Unit

9. Warranty and Support

This genuine Whirlpool replacement part is typically covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation that came with your original appliance or contact Whirlpool customer support directly. Keep your proof of purchase for warranty claims.
For technical support or further assistance, please visit the official Whirlpool website or contact their customer service department. When contacting support, have your microwave oven's model and serial number, as well as the part number (W11443147), readily available.

Whirlpool Official Website: www.whirlpool.com

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Part Number: W11443147

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