

## GS6NVEXVB00

# Generic Replacement Ice Maker Control Board for Whirlpool GS6NVEXVB00 Refrigerator

Instruction Manual

## INTRODUCTION

This manual provides detailed instructions for the safe and correct installation, operation, and maintenance of the Generic Replacement Ice Maker Control Board, designed for Whirlpool GS6NVEXVB00 refrigerators. Please read this manual thoroughly before attempting any installation or repair to ensure proper function and safety.

## SAFETY INFORMATION

- **WARNING:** Always disconnect power to the refrigerator before attempting any installation, repair, or maintenance. Failure to do so can result in electric shock, injury, or death.
- Wear appropriate personal protective equipment, such as gloves and safety glasses, during installation.
- If you are unsure about any step, consult a qualified appliance repair technician.
- Ensure all connections are secure and correctly oriented before restoring power.
- This replacement part is intended for specific models. Verify compatibility with your refrigerator model (GS6NVEXVB00) before installation.

## SETUP AND INSTALLATION

This section outlines the steps for replacing the ice maker control board. Ensure you have the necessary tools, such as screwdrivers and pliers, before beginning.

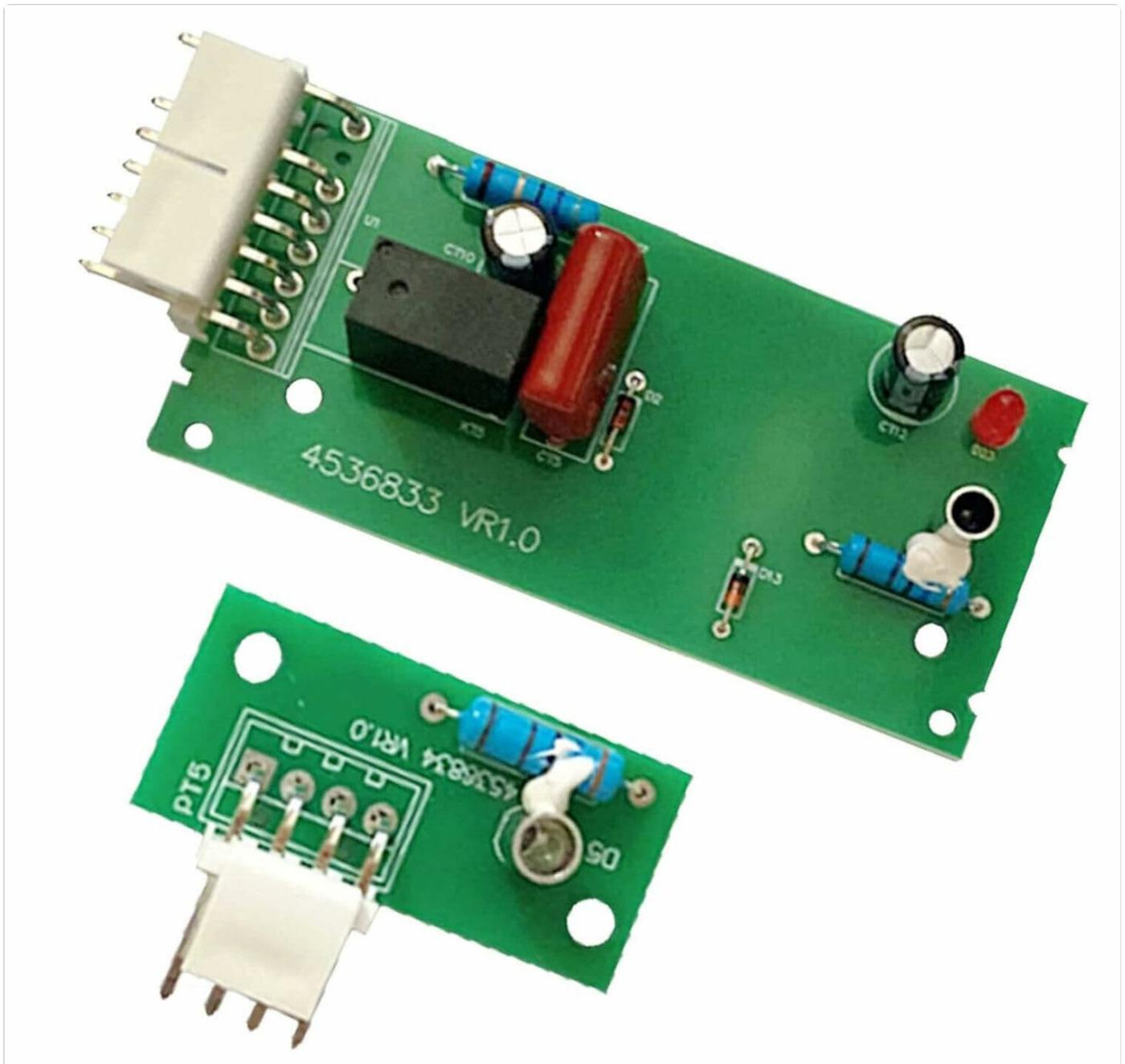
### Pre-Installation Checks:

1. Confirm the refrigerator model number matches GS6NVEXVB00.
2. Unpack the new control board and inspect it for any visible damage.
3. Gather all required tools.

### Installation Steps:

1. **Disconnect Power:** Locate the refrigerator's power cord and unplug it from the wall outlet. If the outlet is inaccessible, turn off the circuit breaker supplying power to the refrigerator.
2. **Access the Ice Maker:** Depending on your refrigerator model, you may need to remove the ice bucket and/or a cover panel to access the ice maker assembly. Refer to your refrigerator's specific service manual if needed.

3. **Locate the Control Board:** Identify the existing ice maker control board. It is typically mounted near the ice maker mechanism.
4. **Disconnect Wiring:** Carefully disconnect all electrical connectors from the old control board. Note the orientation and position of each connector, or take a photograph for reference.
5. **Remove Old Board:** Unscrew or unclip the old control board from its mounting bracket.
6. **Install New Board:** Position the new Generic Replacement Ice Maker Control Board in the same location as the old one. Secure it with screws or clips.
7. **Connect Wiring:** Reconnect all electrical connectors to the new control board, ensuring they are firmly seated and in the correct positions.
8. **Reassemble:** Replace any covers or panels that were removed. Reinstall the ice bucket.
9. **Restore Power:** Plug the refrigerator back into the wall outlet or turn on the circuit breaker.



**Figure 1:** The Generic Replacement Ice Maker Control Board. This image displays the main component of the replacement ice maker control board. It consists of two green circuit boards with various electronic components such as resistors, capacitors, a relay, and connectors. The larger board features a 6-pin white connector, while the smaller board has a 4-pin white connector. Both boards have part numbers printed on them.

## OPERATING INSTRUCTIONS

After successful installation and power restoration, the ice maker should begin its normal operation cycle. The control board manages the ice production process.

- Allow several hours for the refrigerator and freezer compartments to reach their optimal temperatures.
- The first batch of ice may take longer to produce. Discard the first few batches of ice to ensure cleanliness.
- Monitor the ice maker for proper function over the next 24 hours.

## MAINTENANCE

The ice maker control board itself requires minimal maintenance. However, regular maintenance of the ice maker assembly can prolong its lifespan and ensure efficient operation.

- **Cleaning:** Periodically clean the ice bucket and the ice maker components according to your refrigerator's user manual. Ensure no debris obstructs the ice maker's moving parts or sensors.
- **Inspection:** Occasionally inspect the wiring connected to the control board for any signs of wear or damage.
- **Water Filter:** Ensure your refrigerator's water filter is replaced regularly as recommended by the manufacturer to prevent mineral buildup that could affect ice production.

## TROUBLESHOOTING

If your ice maker is not functioning correctly after replacing the control board, consider the following common issues:

Problem	Possible Cause	Solution
No ice production	Refrigerator not plugged in or power off Water supply valve closed Water line kinked or frozen Ice maker arm in "off" position New control board not properly connected	Check power connection and circuit breaker. Ensure water supply valve is fully open. Inspect water line for obstructions. Lower the ice maker arm. Verify all electrical connections to the control board.
Slow ice production	Low water pressure Clogged water filter Freezer temperature too high	Check household water pressure. Replace water filter. Adjust freezer temperature to 0°F (-18°C).
Ice tastes bad or has odor	Old water filter Food odors in freezer	Replace water filter. Clean freezer interior and store food in airtight containers.

If these troubleshooting steps do not resolve the issue, it is recommended to contact a qualified service technician.

## SPECIFICATIONS

- **Model Compatibility:** Whirlpool GS6NVEXVB00 Refrigerator
- **Part Number:** icepart#2413017 (also compatible with icepart#24121029)
- **Brand:** Generic
- **Product Dimensions:** Approximately 0.01"D x 0.01"W x 0.01"H (*Note: These dimensions appear to be placeholder values*)

*and may not reflect actual product size.)*

- **Package Contents:** 1 Set of Ice Maker Control Board

## WARRANTY INFORMATION

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This Generic Replacement Ice Maker Control Board is typically covered by a limited manufacturer's warranty. Please refer to the product packaging or contact the seller for specific warranty terms and conditions, including duration and coverage details.

## CUSTOMER SUPPORT

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For further assistance, technical support, or inquiries regarding this product, please contact the seller or manufacturer through the  form where the purchase was made. Provide your order number and product details for faster service.