

2417248

Generic Replacement Ice Maker Control Board Instruction Manual

For Kenmore Refrigerator Model 106.55606400

INTRODUCTION

This manual provides instructions for the installation, operation, maintenance, and troubleshooting of the Generic Replacement Ice Maker Control Board, part number 2417248. This component is designed to be compatible with Kenmore refrigerator model 106.55606400. Please read these instructions carefully before proceeding with installation or use.

SAFETY INFORMATION

- Always disconnect power to the refrigerator before attempting any installation, repair, or maintenance. Failure to do so can result in serious injury or electrical shock.
- Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- If you are unsure about any step, consult a qualified appliance repair technician.
- Handle the control board by its edges to avoid damaging electronic components or introducing static electricity.

PACKAGE CONTENTS

The package includes:

- 1 Set of Replacement Ice Maker Control Board (as shown in images)

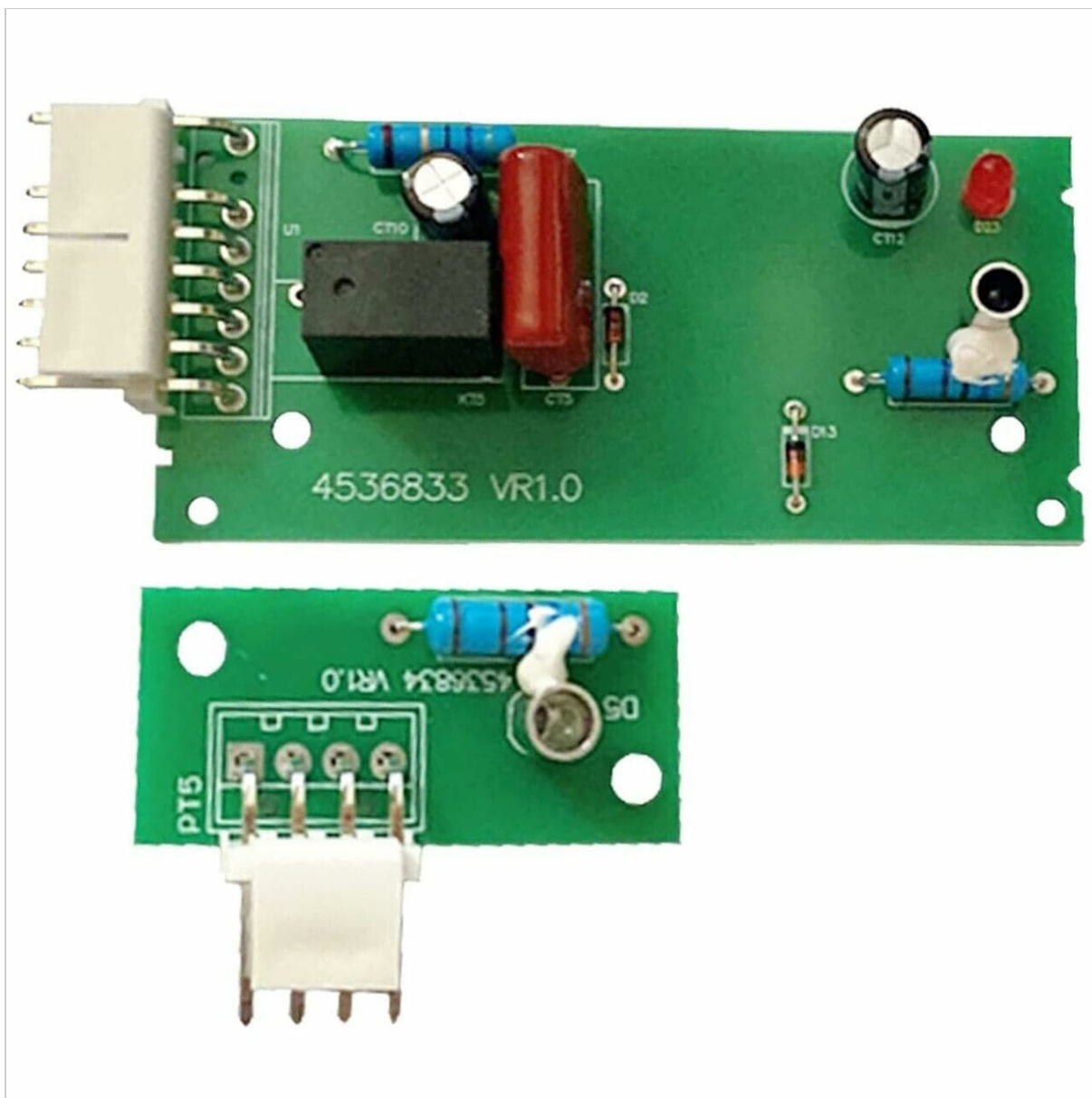
Please verify that all components are present and undamaged upon opening the package.

SETUP AND INSTALLATION

The following steps outline a general procedure for replacing an ice maker control board. Specific steps may vary depending on your refrigerator model. Refer to your refrigerator's service manual for detailed

instructions.

1. **Disconnect Power:** Unplug the refrigerator from the electrical outlet or turn off the circuit breaker supplying power to the refrigerator.
2. **Access Ice Maker:** Locate and access the ice maker assembly within your freezer compartment. This may involve removing shelves or other components.
3. **Identify Control Board:** Pinpoint the existing ice maker control board. It is typically located on or near the ice maker mechanism.
4. **Disconnect Wiring:** Carefully disconnect all wiring harnesses and connectors from the old control board. Note their positions or take photos for reference if necessary.
5. **Remove Old Board:** Detach the old control board from its mounting. This may involve unscrewing it or releasing clips.
6. **Install New Board:** Mount the new replacement control board in the same position as the old one. Ensure it is securely fastened.
7. **Connect Wiring:** Reconnect all wiring harnesses and connectors to the new control board. Double-check that all connections are firm and correctly oriented.
8. **Secure Ice Maker:** Reassemble any components removed to access the ice maker.
9. **Restore Power:** Plug the refrigerator back into the electrical outlet or turn on the circuit breaker.
10. **Test Operation:** Allow the refrigerator to run for several hours to confirm the ice maker is functioning correctly and producing ice.



This image displays the replacement ice maker control board. It consists of a larger green circuit board with various electronic components such as resistors, capacitors, a relay, and a multi-pin connector. A smaller, separate green circuit board with a four-pin connector and a resistor is also shown, likely connecting to the main board.

OPERATING INSTRUCTIONS

The ice maker control board operates automatically once installed and power is restored to the refrigerator. It manages the ice-making cycle, including filling the ice mold with water, freezing the water, harvesting the ice, and signaling for more water. No direct user interaction is typically required for the control board itself.

- Ensure the ice maker's bail arm or sensor is in the 'down' or 'on' position for ice production to begin.
- Allow several hours for the freezer compartment to reach the optimal temperature for ice production after installation.

MAINTENANCE

The ice maker control board itself requires no routine maintenance. However, to ensure optimal performance of your ice maker:

- Regularly clean the ice bin and surrounding areas to prevent ice buildup or blockages.

- Ensure the water supply line to the refrigerator is free of kinks and that the water filter (if applicable) is replaced according to the manufacturer's recommendations.
- Periodically check for any unusual noises or leaks from the ice maker assembly.

TROUBLESHOOTING

If your ice maker is not functioning correctly after installing the new control board, consider the following:

- **No Ice Production:**
 - Verify the refrigerator has power and the ice maker is turned on (bail arm down).
 - Check the water supply line for kinks or blockages.
 - Ensure the water inlet valve is open and functioning.
 - Confirm the freezer temperature is set correctly (typically 0°F / -18°C).
 - Inspect all wiring connections to the control board for looseness or incorrect placement.
- **Slow Ice Production:**
 - Check freezer temperature; a warmer freezer will slow ice production.
 - Ensure the water filter is not clogged if your refrigerator has one.
- **Ice Maker Overfilling/Leaking:**
 - This could indicate a faulty water inlet valve or an issue with the control board's water fill cycle. Re-check connections.

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

SPECIFICATIONS

Part Number	2417248
Compatible Model	Kenmore 106.55606400
Color	Black (components on green board)
Brand	Generic
Model Name (Supplier)	icepart#24125260
Product Dimensions	0.01"D x 0.01"W x 0.01"H <i>(Note: These dimensions appear to be placeholder values and may not reflect actual product size.)</i>

WARRANTY AND SUPPORT

Specific warranty information for this Generic replacement part is not provided in the product details. For any warranty claims or technical support, please contact the seller directly through your purchase platform. Keep your proof of purchase for any inquiries.

