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> cbrsit Dishwasher Heating Element Replacement Manual for Kenmore/Sears 665.13479N412

cbrsit 665.13479N412

cbrsit Dishwasher Heating Element Replacement Manual

Model: 665.13479N412

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective replacement of the cbrsit Dishwasher Heating Element, compatible with Kenmore/Sears 665.13479N412 models. Please read all instructions carefully before beginning installation.

SAFETY INFORMATION

- Always disconnect power to the dishwasher before attempting any repairs or installations. Failure to do so can result in electric shock or injury.
- Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- Ensure the work area is dry and well-lit.
- If you are unsure about any step, consult a qualified appliance technician.

PACKAGE CONTENTS

Verify that your package contains the following item:

- 1 x cbrsit Dishwasher Heating Element (Model: 665.13479N412 compatible)



Image 1: The cbrsit Dishwasher Heating Element. This image shows the complete heating element, a curved metal tube with electrical terminals at each end.

SETUP AND INSTALLATION

This section outlines the general steps for replacing a dishwasher heating element. Specific steps may vary slightly depending on your dishwasher model.

1. **Disconnect Power:** Locate the circuit breaker for your dishwasher and turn off the power. Confirm power is off by attempting to start the dishwasher.
2. **Access the Dishwasher:** Pull the dishwasher out from under the counter if necessary to access the underside. You may need to disconnect water lines and the drain hose first.
3. **Locate the Heating Element:** The heating element is typically found at the bottom of the dishwasher tub.
4. **Disconnect Wires:** From underneath the dishwasher, locate the two wires connected to the heating element terminals. Carefully disconnect these wires.
5. **Remove Mounting Nuts:** Unscrew the two mounting nuts that secure the heating element to the bottom of the tub. These are usually located on the underside of the dishwasher.
6. **Remove Old Element:** From inside the dishwasher tub, carefully lift and remove the old heating element. Be prepared for some water spillage.
7. **Install New Element:** Insert the new cbrsit heating element into the openings in the tub, ensuring the rubber gaskets are properly seated to prevent leaks.
8. **Secure New Element:** From underneath, thread and tighten the mounting nuts onto the new element's terminals. Do not overtighten.
9. **Connect Wires:** Reconnect the electrical wires to the terminals of the new heating element. Ensure a secure connection.
10. **Reassemble Dishwasher:** Reconnect water lines and drain hose if they were disconnected. Slide the dishwasher back into place.



Image 2: Close-up view of the heating element terminals. This image highlights the threaded terminals and the rubber gasket, crucial for a watertight seal and electrical connection.

OPERATING AND TESTING

After installation, perform a test cycle to ensure the heating element is functioning correctly.

1. **Restore Power:** Turn the circuit breaker back on to restore power to the dishwasher.
2. **Check for Leaks:** Before running a cycle, visually inspect the area around the heating element terminals underneath the dishwasher for any signs of water leaks.
3. **Run a Short Cycle:** Start a short wash cycle without dishes.
4. **Verify Heat:** After the wash cycle completes, carefully open the dishwasher door. The interior and dishes (if any were used) should be warm or hot, indicating the heating element is working. If the water is not hot, refer to the Troubleshooting section.

MAINTENANCE

The heating element itself requires minimal direct maintenance. However, proper dishwasher care can

prolong its lifespan.

- **Clean Dishwasher Regularly:** Periodically clean your dishwasher's interior, spray arms, and filters to prevent mineral buildup and food debris from affecting performance.
- **Use Appropriate Detergent:** Use only dishwasher-safe detergents and rinse aids to prevent residue buildup on components, including the heating element.
- **Check for Hard Water Buildup:** In areas with hard water, mineral deposits can accumulate on the heating element. Use a dishwasher cleaner designed to remove hard water stains if necessary.

TROUBLESHOOTING

If your dishwasher is not heating water after replacing the element, consider the following:

Problem	Possible Cause	Solution
Dishwasher not heating water	Loose electrical connections	Disconnect power and re-check wire connections to the heating element terminals.
Dishwasher not heating water	Faulty thermostat or high-limit switch	These components regulate heating. If the element is new and connections are good, these may need testing or replacement by a technician.
Dishwasher not heating water	Control board issue	A malfunctioning control board may not send power to the heating element. This typically requires professional diagnosis.
Water leaks from element area	Improperly seated gaskets or loose mounting nuts	Disconnect power, drain water, and re-check the seating of the rubber gaskets and the tightness of the mounting nuts.

SPECIFICATIONS

- **Brand:** cbsit
- **Model Compatibility:** Kenmore/Sears 665.13479N412 and similar models
- **Part Type:** Dishwasher Heating Element Replacement
- **ASIN:** B09JSF4DFC
- **Date First Available:** May 29, 2023

WARRANTY AND SUPPORT

For warranty information or technical support regarding your cbsit Dishwasher Heating Element, please refer to the documentation provided with your purchase or contact the seller directly. Keep your purchase receipt for warranty claims.

