

Owigit DVE54R7600W/A3-00, DVE55M9600V/A3-00, DVE55M9600W/A3-00, DVE54R7600V, DVE54R7600W, DVE54R7600W/A3, DVE55M9600V, DVE55M96

Dryer Heating Element Replacement Manual

For Samsung Dryers - Compatible with Multiple Models

Brand: Owigit

PRODUCT OVERVIEW

This manual provides detailed instructions for the safe and effective replacement of the dryer heating element. This component is crucial for generating the heat required for drying clothes in your appliance. It is designed as a direct replacement for various Samsung dryer models, ensuring compatibility and proper function.

Compatible Samsung Dryer Models include: **DVE54R7600W/A3-00, DVE55M9600V/A3-00, DVE55M9600W/A3-00, DVE54R7600V, DVE54R7600W, DVE54R7600W/A3, DVE55M9600V, DVE55M9600V/A3, DVE55M9600W, DVE55M9600W/A3.**

SAFETY PRECAUTIONS

Always prioritize safety when working with electrical appliances. Failure to follow these precautions may result in electric shock, fire, or personal injury.

- **Disconnect Power:** Before beginning any work, always unplug the dryer from the electrical outlet or turn off the circuit breaker supplying power to the dryer. Verify power is off using a voltage tester.
- **Wear Protective Gear:** Use work gloves to protect hands from sharp edges and safety glasses to protect eyes from debris.
- **Discharge Capacitors:** If applicable, ensure any capacitors are safely discharged before handling components.
- **Handle with Care:** Heating elements can be fragile. Handle the new part carefully to avoid damage.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the repair, consult a qualified appliance technician.

BEFORE YOU BEGIN

Tools Required:

- Screwdriver set (Phillips and Flathead)
- Nut driver set or socket wrench set

- Needle-nose pliers
- Work gloves
- Safety glasses
- Multimeter (optional, for testing continuity)

Preparation:

Clear the area around the dryer to allow for easy access. You may need to pull the dryer away from the wall. Have a clean, flat surface available to place removed parts.

INSTALLATION GUIDE

The following steps outline the general procedure for replacing a dryer heating element. Specific disassembly steps may vary slightly depending on your exact dryer model. It is recommended to consult your dryer's service manual if available.

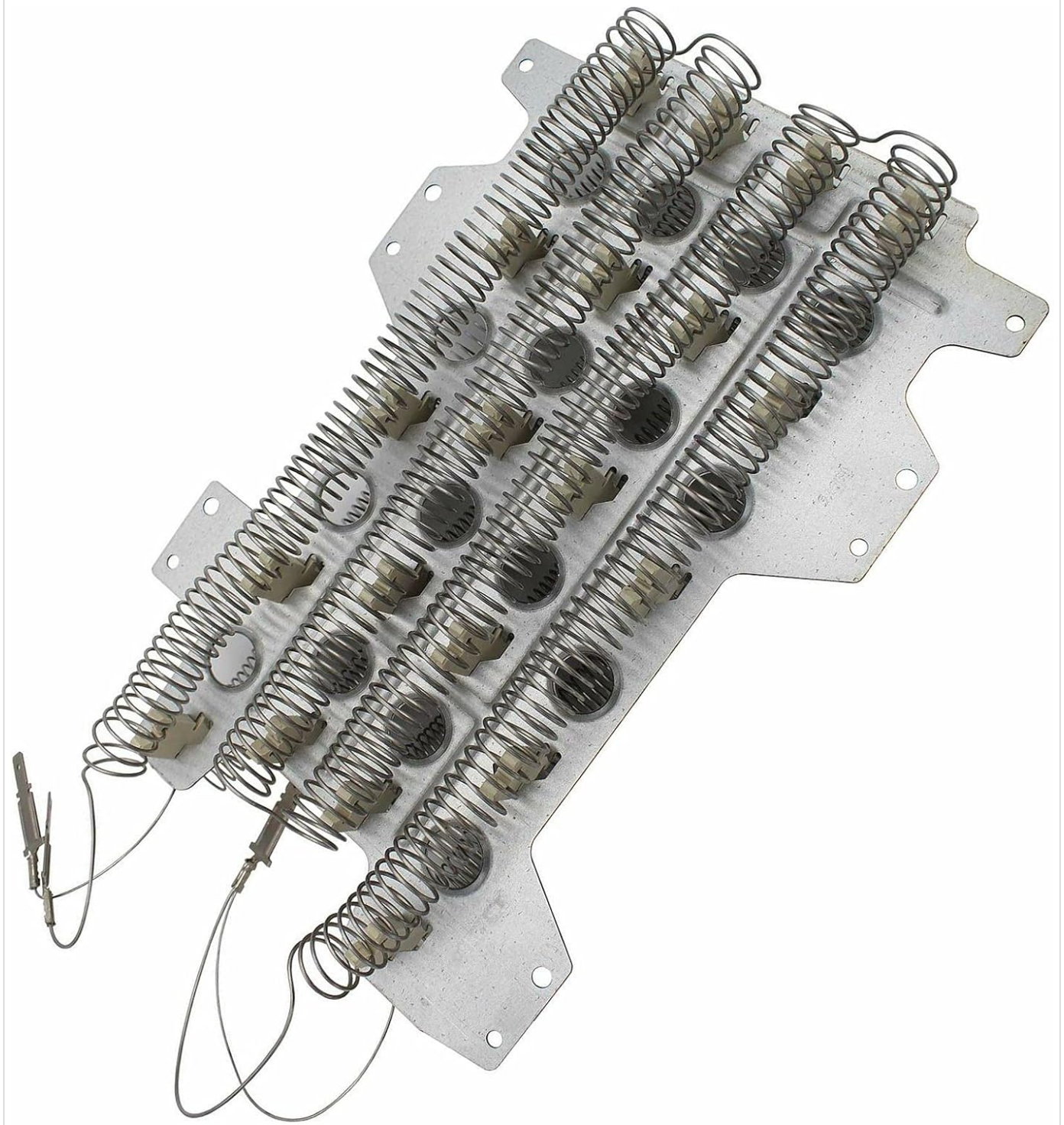


Figure 1: The Owigift replacement dryer heating element. This component is responsible for generating heat within the dryer drum.

1. **Disconnect Power:** Ensure the dryer is unplugged from the wall outlet or the circuit breaker is off. This is the most critical safety step.
2. **Access the Heating Element:**
 - Depending on your Samsung dryer model, you may need to remove the back panel, top panel, or front panel to access the heating element housing.
 - Typically, the heating element is located in a metal housing at the rear or bottom of the dryer.
 - Carefully remove any screws or clips securing the panels. Keep track of all fasteners.
3. **Locate and Disconnect the Old Element:**
 - Once the heating element housing is exposed, identify the old heating element. It will be a coil of wire mounted on ceramic insulators within a metal frame.
 - Note the position and connection of all wires attached to the element and its associated thermal fuses or thermostats. Taking a photo can be helpful.
 - Carefully disconnect all electrical wires from the terminals of the old heating element. Use needle-nose pliers if necessary.
4. **Remove the Old Element:**
 - Unscrew or unclip the old heating element from its housing. It may be secured by a few screws or tabs.
 - Gently pull the old element out of the housing.
5. **Install the New Element:**
 - Carefully insert the new Owigift heating element into the housing, ensuring it seats properly.
 - Secure the new element with the screws or clips removed earlier.

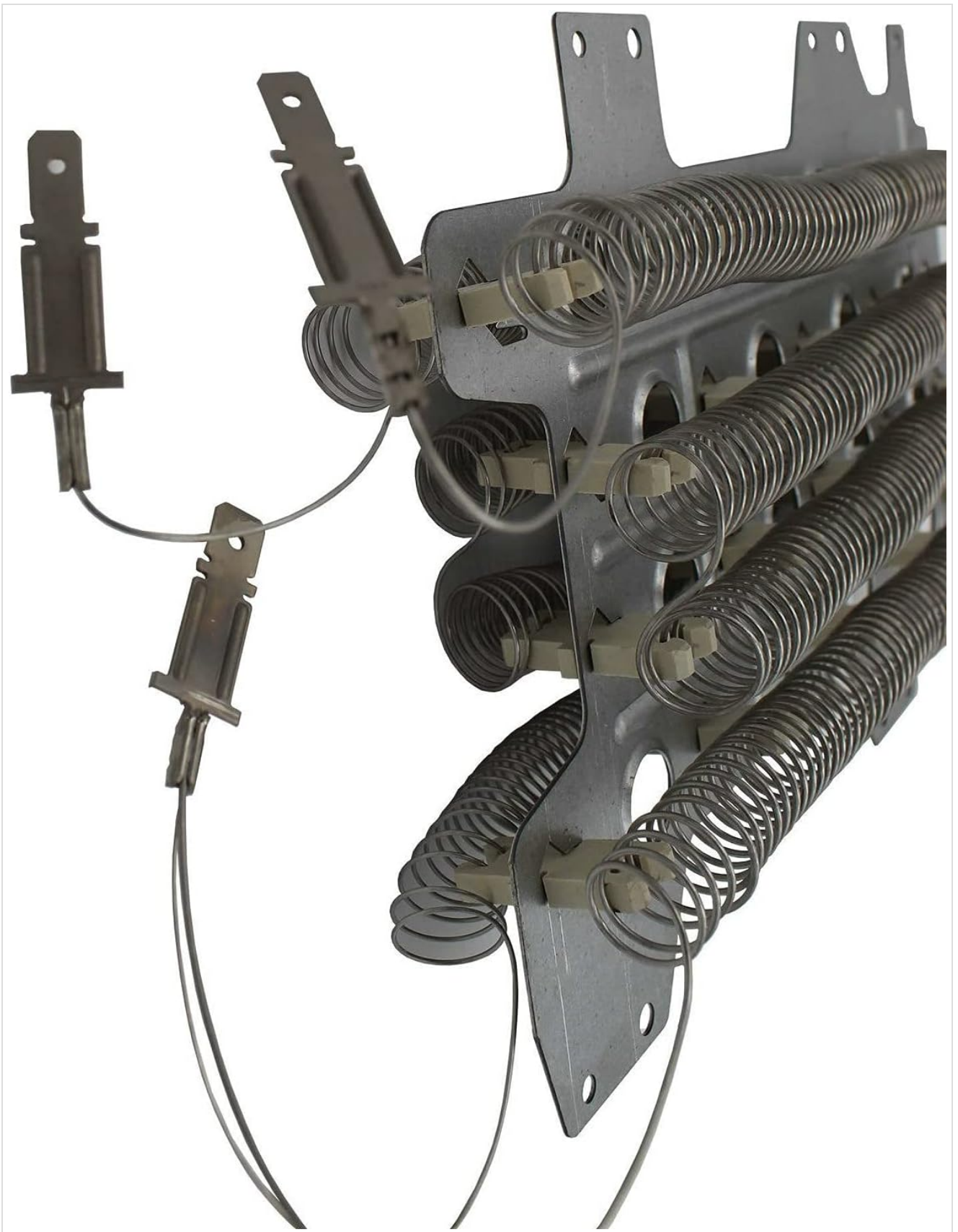


Figure 2: Close-up view of the heating element terminals. Ensure all electrical connections are secure and correctly reattached.

6. Reconnect Wires:

- Reconnect all electrical wires to the corresponding terminals on the new heating element. Refer to your photo or notes taken during disassembly.
- Ensure all connections are tight and secure to prevent arcing or overheating.
- If your dryer has thermal fuses or thermostats attached to the heating element assembly, ensure they are also properly connected and seated.

7. Reassemble the Dryer:

- Carefully reattach all panels removed earlier. Ensure all screws and clips are replaced securely.
- Double-check that no tools or loose parts are left inside the dryer.

8. Test the Dryer:

- Plug the dryer back into the electrical outlet or turn on the circuit breaker.
- Run a short cycle with no clothes to verify that the dryer heats up properly and operates without unusual noises or smells.
- Monitor the dryer for the first few minutes to ensure safe operation.

TROUBLESHOOTING

If your dryer is not heating after replacing the element, consider the following common issues:

Problem	Possible Cause / Solution
Dryer not heating at all	Blown Thermal Fuse: A thermal fuse (often located near the heating element) may have blown due to overheating. Inspect and replace if necessary.
	Faulty Thermostat: A cycling thermostat or high-limit thermostat may be defective. Test for continuity and replace if open.
	Loose Wiring: Check all electrical connections to the heating element and associated components for tightness.
	Vent Restriction: A clogged dryer vent can cause overheating and trip thermal fuses. Clean the vent system thoroughly.
Dryer heats intermittently	Cycling Thermostat Issue: The cycling thermostat might be faulty, causing it to open and close prematurely.
	Partial Vent Blockage: Even a partial blockage can cause the dryer to overheat and cycle off the heat.
Burning smell	Lint Accumulation: Lint can accumulate on or around the heating element. Disconnect power and thoroughly clean the area.
	New Part Odor: A slight burning smell can occur during the first few uses of a new heating element as manufacturing oils burn off. This should dissipate quickly. If it persists, discontinue use and inspect.

SPECIFICATIONS

Attribute	Detail
Product Type	Dryer Heating Element
Brand	Owigift
Compatibility	Samsung Dryers (Models: DVE54R7600W/A3-00, DVE55M9600V/A3-00, DVE55M9600W/A3-00, DVE54R7600V, DVE54R7600W, DVE54R7600W/A3, DVE55M9600V, DVE55M9600V/A3, DVE55M9600W, DVE55M9600W/A3)
ASIN	B09DWWGZ33
Date First Available	August 29, 2021

CARE AND MAINTENANCE

While the heating element itself requires no direct maintenance, ensuring the overall health of your dryer will prolong its lifespan and the efficiency of the heating element:

- **Clean Lint Filter:** Clean the lint filter before every load to maintain proper airflow and prevent lint buildup.
- **Inspect Vent System:** Periodically inspect and clean the dryer's exhaust vent system (from the dryer to the outside) to prevent blockages, which can lead to overheating and reduced efficiency.
- **Avoid Overloading:** Do not overload the dryer, as this can restrict airflow and put undue strain on the heating element and other components.

WARRANTY AND SUPPORT

For specific warranty information regarding your Owigift dryer heating element, please refer to the product packaging or contact the seller directly. For technical support or further assistance with installation, it is recommended to consult a qualified appliance repair professional.

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This manual is for informational purposes only. Always follow manufacturer's instructions and safety guidelines.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question