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UpStart Components W10518394

UpStart Components W10518394 Dishwasher Heating Element Replacement Manual

Compatible with Amana ADB1400AWB3 and W10134009 Heater Elements

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective installation, operation, maintenance, and troubleshooting of the UpStart Components W10518394 Dishwasher Heating Element. This replacement part is designed for compatibility with various dishwasher models, including Amana ADB1400AWB3, and serves as a direct replacement for W10134009 heater elements. Please read this manual thoroughly before proceeding with any installation or maintenance.



Image 1.1: The UpStart Components W10518394 Dishwasher Heating Element as packaged.

2. SAFETY INFORMATION

Your safety and the safety of others are very important. Always observe the following safety precautions when installing or servicing this component:

- **Disconnect Power:** Always disconnect the electrical power supply to the dishwasher before attempting any installation, repair, or maintenance. Failure to do so can result in electric shock or serious injury.
- **Wear Protective Gear:** Wear appropriate personal protective equipment, such as gloves and safety glasses, to prevent injury from sharp edges or electrical components.
- **Professional Assistance:** If you are unsure about any part of the installation process, it is recommended to seek assistance from a qualified appliance technician.
- **Original Manual:** Refer to your dishwasher's original instruction manual for specific disassembly and reassembly procedures relevant to your appliance model.

3. INSTALLATION INSTRUCTIONS

This replacement heating element is designed for straightforward at-home installation. The following steps provide a general guide. Specific procedures may vary slightly depending on your dishwasher model. Always consult your dishwasher's original service manual for detailed instructions.

1. **Prepare the Dishwasher:** Ensure the dishwasher is empty and clean. Disconnect the power supply at the circuit breaker or by unplugging the appliance. Turn off the water supply to the dishwasher.
2. **Access the Heating Element:** Open the dishwasher door and remove the lower dish rack, spray arm, and any other components that obstruct access to the heating element at the bottom of the tub.
3. **Locate and Disconnect Old Element:** Identify the existing heating element. From underneath the dishwasher (you may need to pull the dishwasher out from its cabinet), locate the two terminals and mounting nuts that secure the heating element. Carefully disconnect the electrical wires from the terminals.
4. **Remove Old Element:** Unscrew the mounting nuts from the heating element terminals. Gently push the terminals up through the bottom of the tub to release the element. Carefully lift the old heating element out of the dishwasher tub.
5. **Install New Element:** Position the new UpStart Components W10518394 heating element into the dishwasher tub, ensuring it sits correctly in its mounting clips. From underneath, guide the terminals through the holes in the tub.
6. **Secure and Connect:** Attach the mounting nuts to the new heating element terminals from underneath the dishwasher and tighten them securely. Reconnect the electrical wires to the terminals. Ensure all connections are firm.
7. **Reassemble Dishwasher:** Reinstall the spray arm, lower dish rack, and any other components that were removed.
8. **Test:** Restore the water supply and electrical power to the dishwasher. Run a short wash cycle to check for proper operation and ensure there are no leaks.



Image 3.1: Front view of the W10518394 heating element, showing the curved shape and terminal connections.

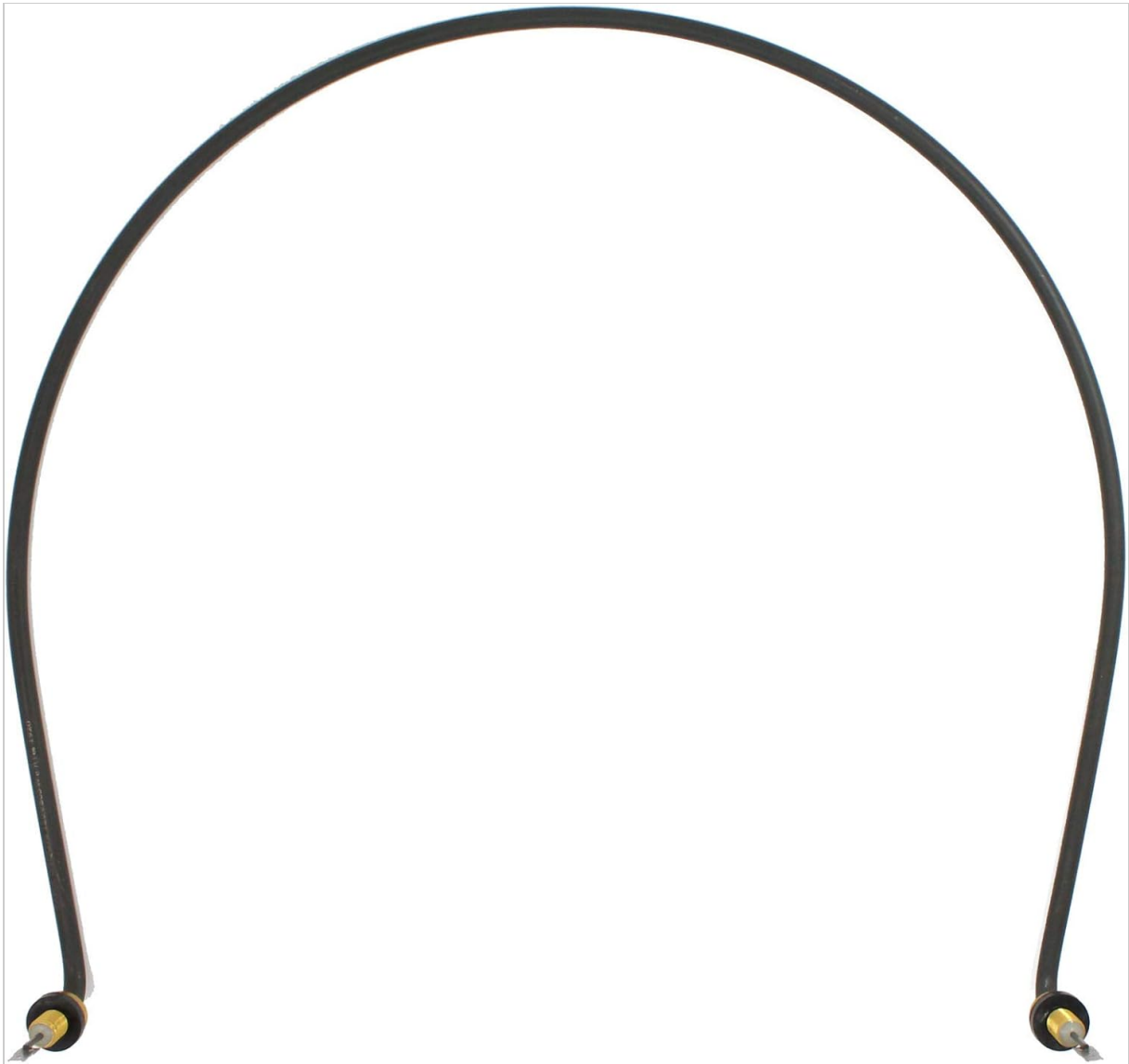


Image 3.2: Angled view of the W10518394 heating element, highlighting the terminal posts.

4. OPERATING INSTRUCTIONS

The UpStart Components W10518394 Dishwasher Heating Element is an internal component that operates automatically as part of your dishwasher's normal wash and dry cycles. No direct user interaction is required for its operation.

- After installation, operate your dishwasher according to the instructions provided in your appliance's original user manual.
- The heating element will activate as needed to heat water during wash cycles and to assist in drying dishes during the drying cycle.

5. MAINTENANCE

The heating element itself requires minimal maintenance. However, periodic inspection can help ensure its longevity and efficient operation.

- **Visual Inspection:** Periodically (e.g., every 6-12 months), with the power disconnected, visually inspect the heating element for any signs of corrosion, cracks, or excessive mineral buildup.
- **Cleaning:** If mineral deposits or food residue accumulate on the element, gently clean it using a soft brush and a mild detergent solution. Rinse thoroughly. Ensure the element is dry before restoring power.
- **Connection Check:** Ensure the electrical connections to the heating element terminals remain secure and

free from corrosion.

6. TROUBLESHOOTING

If your dishwasher is experiencing issues related to heating or drying after installing the new element, consider the following troubleshooting steps:

Symptom	Possible Cause	Solution
Dishes not drying properly.	Heating element not activating during dry cycle; improper rinse aid usage.	Ensure dishwasher is set to a heated dry cycle. Check rinse aid dispenser. Verify electrical connections to the element.
Water not heating during wash cycle.	Faulty heating element (unlikely for new part); wiring issue; thermostat problem; control board issue.	Check all electrical connections. If possible, test element continuity with a multimeter (power disconnected). Consult dishwasher's service manual for thermostat or control board diagnostics.
Dishwasher displaying heating-related error code.	Sensor malfunction; wiring issue; control board issue.	Refer to your dishwasher's user manual for specific error code meanings and recommended actions. Check wiring connections.

If troubleshooting steps do not resolve the issue, it is recommended to contact a qualified appliance technician or UpStart Components customer support.

7. SPECIFICATIONS

- **Part Number:** W10518394
- **Brand:** UpStart Components
- **Compatible with:** Amana ADB1400AWB3
- **Replaces Part Numbers:** W10134009, AP5690151, 2977737, 8194250, 8563007, 8572861, PS8260087, W10441445, W10518394VP
- **Material:** Durable heating element alloy (Note: Original product data incorrectly listed 'Plastic' for the heating element material. Heating elements are typically metal alloys.)
- **Model Number (Manufacturer's Internal):** AP-W10518394-DL824

8. WARRANTY INFORMATION

Any warranties for this UpStart Components product are offered solely by UpStart Components. This product is not affiliated with any original equipment manufacturer (OEM) brands and is not covered under any warranties offered by the original manufacturers of compatible appliances. For specific warranty terms and conditions, please contact UpStart Components directly.

9. SUPPORT

For further assistance or inquiries regarding the UpStart Components W10518394 Dishwasher Heating Element, please:

- Refer to your dishwasher's original user or service manual for appliance-specific details.
- Contact UpStart Components customer support for product-specific questions or warranty claims.

