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› UpStart Components W10518394 Dishwasher Heating Element Instruction Manual

UpStart Components AP-W10518394-DL1598

UpStart Components W10518394 Dishwasher Heating Element Instruction Manual

Model: AP-W10518394-DL1598 | Brand: UpStart Components

INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your UpStart Components W10518394 Dishwasher Heating Element. This component is designed as a direct replacement for compatible dishwasher models, including Whirlpool WDF310PAAW1, and is equivalent to W10134009 heater elements. Please read these instructions thoroughly before proceeding with installation or any maintenance.

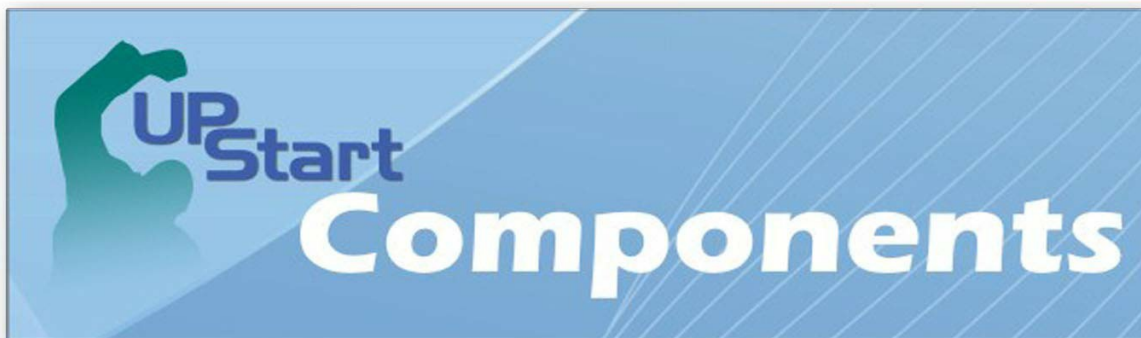


Image: The UpStart Components W10518394 Dishwasher Heating Element, a U-shaped metal tube with electrical terminals at each end.

SAFETY INFORMATION

WARNING: Before attempting any installation, repair, or maintenance, ensure the dishwasher's power supply is completely disconnected at the circuit breaker or fuse box. Failure to do so can result in electric shock, serious injury, or death.

- Always wear appropriate personal protective equipment, such as gloves and safety glasses, during installation.
- If you are not comfortable performing this repair, it is recommended to consult a qualified appliance technician.
- Ensure all connections are secure and properly insulated after installation to prevent electrical hazards.
- Keep children and pets away from the work area during installation.

PACKAGE CONTENTS

- 1 x UpStart Components W10518394 Dishwasher Heating Element



Image: A slightly different view of the U-shaped heating element, showing the electrical terminals more clearly.

INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing a dishwasher heating element. Specific procedures may vary slightly depending on your dishwasher model. Always refer to your dishwasher's service manual for precise instructions.

1. **Disconnect Power:** Locate your dishwasher's circuit breaker in your home's electrical panel and switch it to the "OFF" position. Verify power is off by attempting to start the dishwasher.
2. **Disconnect Water Supply:** Turn off the water supply valve to the dishwasher, typically located under the sink.
3. **Access Dishwasher:** Carefully pull the dishwasher out from its cabinet enclosure. You may need to disconnect the drain hose and water supply line if they are not long enough.
4. **Locate Heating Element:** The heating element is usually located at the bottom of the dishwasher tub. It is a U-shaped metal tube.
5. **Disconnect Wiring:** From underneath the dishwasher, locate the two wires connected to the heating element terminals. Carefully disconnect these wires. Note their positions for reinstallation.
6. **Remove Retaining Nuts:** On the underside of the dishwasher, locate the retaining nuts that secure the heating

element to the tub. Use a wrench to loosen and remove these nuts.

7. **Remove Old Element:** From inside the dishwasher tub, carefully push the old heating element down and out through the bottom of the tub.
8. **Install New Element:** Insert the new UpStart Components W10518394 heating element through the opening in the bottom of the tub, ensuring the rubber gaskets are properly seated to prevent leaks.
9. **Secure New Element:** From underneath the dishwasher, attach and tighten the retaining nuts onto the new heating element's terminals. Do not overtighten.
10. **Reconnect Wiring:** Reconnect the electrical wires to the new heating element's terminals, ensuring a secure connection.
11. **Reinstall Dishwasher:** Carefully slide the dishwasher back into its cabinet. Reconnect the drain hose and water supply line if they were disconnected.
12. **Restore Power and Water:** Turn on the water supply valve and restore power to the dishwasher at the circuit breaker.
13. **Test:** Run a short wash cycle to check for proper operation and ensure there are no leaks.

OPERATING INSTRUCTIONS

The W10518394 heating element operates automatically as part of your dishwasher's wash and dry cycles. It is designed to heat the water during the wash cycle and assist in the drying process by heating the air inside the tub. No direct user interaction is required for the heating element's operation once installed correctly.

MAINTENANCE

To ensure the longevity and efficient operation of your dishwasher and its heating element:

- Regularly clean the dishwasher filter to prevent debris buildup, which can hinder water circulation and heating efficiency.
- Use appropriate dishwasher detergents and rinse aids as recommended by your dishwasher manufacturer.
- Avoid overloading the dishwasher, as this can impede water flow and drying performance.
- Periodically inspect the heating element for any visible signs of damage or excessive mineral buildup. If buildup is present, consider using a dishwasher cleaner designed to remove hard water deposits.

TROUBLESHOOTING

If your dishwasher is experiencing issues related to heating or drying after replacing the element, consider the following:

Problem	Possible Cause	Solution
Dishes not drying properly	Heating element not activating; rinse aid dispenser empty; improper loading.	Check electrical connections to the element. Ensure rinse aid dispenser is full. Review dishwasher loading guidelines.
Water not heating during wash cycle	Faulty thermostat or thermal fuse; wiring issue; control board malfunction.	Verify element connections. Consult a technician to check other components.
Element appears damaged or corroded	Hard water deposits; chemical exposure.	Consider using a dishwasher descaler. Ensure proper detergent usage.

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

SPECIFICATIONS

- **Part Number:** AP-W10518394-DL1598 (Equivalent to W10518394, W10134009, AP5690151, 2977737, 8194250, 8563007, 8572861, PS8260087, W10441445, W10518394VP)
- **Material:** Plastic (Note: This likely refers to the terminal housing or gaskets, the element itself is metal)
- **Compatibility:** Designed for various Whirlpool dishwasher models, including WDF310PAAW1.
- **Brand:** UpStart Components

WARRANTY AND SUPPORT

This UpStart Components replacement part is covered by a warranty offered solely by UpStart Components. For specific warranty terms, conditions, or technical support, please refer to the documentation provided with your purchase or contact UpStart Components directly. This product is not affiliated with any original equipment manufacturer (OEM) brands, and any warranties from original manufacturers do not apply to this replacement part.

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

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