

UpStart Components AP-W10258275-DL2019

UpStart Components W10258275 Bimetal Fuse Instruction Manual

Model: AP-W10258275-DL2019

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective installation and use of the UpStart Components W10258275 Bimetal Fuse. This component is designed as a replacement part for specific Maytag dishwasher models, including the MDB7759AWW2. It is crucial to read and understand all instructions before proceeding with installation.

This product is a high-quality, durable replacement part manufactured by UpStart Components. It is not an OEM product, but it is engineered to be compatible with the specified models and part numbers.

2. SAFETY INFORMATION

WARNING: Always disconnect power to the appliance before attempting any repairs or installations. Failure to do so can result in serious injury or death from electrical shock.

- Ensure the dishwasher is unplugged from the wall outlet or the circuit breaker is turned off before beginning work.
- Wear appropriate personal protective equipment, such as gloves, to prevent cuts or scrapes.
- If you are unsure about any step, consult a qualified appliance repair technician.
- Keep children and pets away from the work area.
- Handle all components with care to avoid damage.

3. PRODUCT OVERVIEW

The W10258275 Bimetal Fuse is a thermal fuse kit designed to protect your dishwasher from overheating. It includes the bimetal fuse, wiring, and mounting clips for secure installation.



Components



Figure 3.1: UpStart Components W10258275 Bimetal Fuse Kit. This image shows the complete kit, including the bimetal fuse, wiring harness, and two zip ties with mounting clips.



Figure 3.2: Detailed view of the W10258275 Bimetal Fuse components. This image provides a closer look at the fuse, its electrical connectors, and the included mounting accessories.

Compatible Part Numbers:

- W10258275
- AP4423189
- 1549751
- 661663
- AH2360984
- EA2360984
- PS2360984
- W10258275VP

4. INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing the bimetal fuse in a compatible dishwasher. Specific steps may vary slightly depending on your dishwasher model. Always refer to your appliance's service manual if available.

Tools Required:

- Screwdriver (Phillips and/or Flathead, depending on appliance)
- Pliers (optional, for stubborn connectors)
- Multimeter (optional, for testing old fuse)

Installation Steps:

1. **Disconnect Power:** Locate the circuit breaker for your dishwasher and turn it off, or unplug the dishwasher from the wall outlet. Verify power is off before proceeding.
2. **Access the Control Panel/Door:** Depending on your dishwasher model, the bimetal fuse is typically located near the control panel or on the inside of the dishwasher door. You may need to remove the inner door panel or the outer control panel to access it.
3. **Locate the Old Fuse:** Identify the existing bimetal fuse. It is usually a small, round component with two wires connected to it, often secured with a plastic clip or zip tie.
4. **Disconnect Wires:** Carefully disconnect the wires from the old bimetal fuse. Note their orientation if necessary, though the replacement fuse typically has a clear wiring harness.
5. **Remove Old Fuse:** Unclip or cut the old zip tie/mounting clip holding the fuse in place and remove the old fuse.
6. **Install New Fuse:** Connect the new UpStart Components bimetal fuse to the wiring harness. Ensure connections are secure.

7. **Mount New Fuse:** Use the provided zip ties with mounting clips to secure the new fuse in the same location as the old one. Ensure it is firmly attached and not interfering with any moving parts.
8. **Reassemble Dishwasher:** Carefully reassemble any panels or components that were removed. Ensure all screws are tightened and panels are properly aligned.
9. **Restore Power:** Plug the dishwasher back into the outlet or turn the circuit breaker back on.
10. **Test Operation:** Run a short cycle on your dishwasher to confirm proper operation and that the fuse is functioning correctly.

5. OPERATING PRINCIPLES

The W10258275 Bimetal Fuse is a safety device designed to interrupt the electrical circuit if the temperature inside the dishwasher exceeds a safe operating limit. It contains a bimetallic strip that bends and breaks the circuit when exposed to excessive heat, preventing potential damage to the appliance or fire hazards. Once the fuse trips, it must be replaced as it is a one-time use safety device.

6. MAINTENANCE

The bimetal fuse itself does not require routine maintenance. It is a sealed component designed to function without user intervention until it trips. If the fuse trips, it indicates an underlying issue causing excessive heat, which should be investigated and resolved before replacing the fuse. Common causes include a faulty heating element, thermostat, or control board.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dishwasher not starting or no power.	Tripped bimetal fuse.	1. Disconnect power to the dishwasher. 2. Access the bimetal fuse and visually inspect it for signs of damage or tripping (e.g., discoloration, broken element). 3. Test the fuse for continuity with a multimeter. If there is no continuity, the fuse is tripped and needs replacement. 4. Investigate the root cause of overheating (e.g., faulty heating element, thermostat, or control board) before replacing the fuse to prevent immediate re-tripping. 5. Replace the fuse following the installation instructions.
Dishwasher runs but water is not heating.	Could be heating element, thermostat, or control board, but not typically the bimetal fuse (as it would cut all power).	Check heating element and thermostat. The bimetal fuse is a safety cut-off, not directly involved in heating control unless it has tripped.

Note: If the bimetal fuse trips repeatedly, it indicates a persistent issue with the dishwasher's heating system or controls. Professional diagnosis is recommended in such cases.

8. SPECIFICATIONS

Attribute	Detail
Brand	UpStart Components

Attribute	Detail
Model Number	AP-W10258275-DL2019
Material	Bimetal
Compatible Part Numbers	W10258275, AP4423189, 1549751, 661663, AH2360984, EA2360984, PS2360984, W10258275VP
First Available Date	May 24, 2019

9. WARRANTY AND SUPPORT

This UpStart Components replacement part is covered by warranties offered solely by UpStart Components. This product is not affiliated with any original equipment manufacturers (OEMs) and is not covered under any warranties offered by them.

For warranty claims or technical support, please contact UpStart Components directly through their official channels. Refer to the packaging or the seller's information for specific contact details.

Disclaimer: All mentions of brand names or model descriptions are made strictly to illustrate compatibility. All brand names and logos are registered trademarks of their respective owners.

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This manual is for informational purposes only. Always prioritize safety and consult a professional if unsure.

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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