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Whirlpool W10402110

Whirlpool W10402110 Fuse Instruction Manual

Model: W10402110

1. Introduction

This manual provides essential information for the safe and correct installation, operation, and maintenance of the Whirlpool W10402110 Fuse. Please read these instructions thoroughly before proceeding with any installation or repair to ensure safety and proper functionality.

2. Product Description

The Whirlpool W10402110 Fuse is a genuine replacement part designed for various Whirlpool brand appliances. It functions as a critical safety component, interrupting electrical current flow to protect the appliance from damage in the event of an overcurrent condition. This part is also known to replace part number W10195528.



Image 1: Whirlpool W10402110 Fuse. This image displays the fuse, a small cylindrical component, connected to two black wires. Each wire terminates in a white plastic connector, and the other ends are attached to screw terminals.

3. Safety Information

WARNING: To reduce the risk of electric shock, injury, or death, always observe the following safety precautions:

- **Disconnect Power:** Always disconnect the appliance from its power source (unplug or turn off the circuit breaker) before attempting any installation, repair, or maintenance.
- **Qualified Personnel:** If you are unsure about any procedure, consult a qualified appliance technician.
- **Personal Protective Equipment:** Wear appropriate personal protective equipment, such as safety glasses and insulated gloves, when working with electrical components.
- **Genuine Parts:** Use only genuine replacement parts to ensure compatibility and safety.

4. Compatibility

The Whirlpool W10402110 Fuse is an Original Equipment Manufacturer (OEM) authorized part. It is designed to fit various Whirlpool brand models, including certain KitchenAid dishwashers. To confirm compatibility with your specific appliance, refer to your appliance's service manual or the manufacturer's official comparison chart. The part number for this item is W10402110, and it replaces W10195528.

5. Installation Instructions

Follow these steps for the proper installation of the Whirlpool W10402110 Fuse:

1. **Prepare for Installation:**
    - Ensure the appliance is completely disconnected from its power source.
    - Gather necessary tools, which may include screwdrivers, wire strippers, and an OHM meter.
    - Access the area where the fuse is located within your appliance (e.g., behind the kick plate of a dishwasher).
2. **Locate and Test the Old Fuse:**
    - Identify the existing fuse.
    - If possible, use an OHM meter to test the old fuse for continuity. An infinite ohms reading confirms the fuse is blown.
3. **Remove the Old Fuse:**
    - Carefully disconnect the wires from the old fuse. Note the orientation and connection points for correct reinstallation.
    - Be cautious when handling surrounding components, as some, like heating elements, can be fragile.
4. **Connect the New Fuse:**
    - Connect the appliance's wires to the terminal connectors of the new W10402110 fuse.
    - Ensure wires are properly stripped and securely fastened within the terminal screws. Some users have reported that terminal screws can be tight or that wires may require careful manipulation to ensure a secure connection.
    - Verify that all connections are firm and free from loose strands.
5. **Secure the Fuse:**
    - Mount the new fuse in its designated location within the appliance.
6. **Test and Reassemble:**
    - Once the fuse is securely installed and all connections are verified, restore power to the appliance.
    - Test the appliance's functionality.
    - If the appliance operates correctly, reassemble any covers or panels removed during installation.

6. Operating Instructions

The Whirlpool W10402110 Fuse is a passive safety device. It does not require user operation. Its function is to automatically interrupt the electrical circuit if an unsafe overcurrent condition occurs, thereby protecting the appliance from potential damage. If the fuse blows, it indicates an electrical fault that needs attention.

7. Maintenance

Fuses are generally maintenance-free components. Regular inspection for physical damage during other appliance maintenance is recommended. If the fuse blows, it must be replaced. However, it is crucial to identify and rectify the underlying cause of the overcurrent before installing a new fuse to prevent repeated failures.

8. Troubleshooting

If your appliance is not functioning and you suspect a fuse-related issue, follow these troubleshooting steps:

1. **No Power to Appliance:** If the appliance has no power, first check the circuit breaker or wall outlet to ensure power supply.
2. **Inspect the Fuse:** With power disconnected, locate the W10402110 fuse. Visually inspect it for any signs of a broken filament, discoloration, or physical damage.
3. **Test for Continuity:** Use an OHM meter to test the fuse. A reading of infinite ohms (open circuit) indicates a blown fuse.
4. **Identify Cause of Failure:** A blown fuse is a symptom of an underlying electrical problem, such as a short circuit, overloaded component, or faulty heating element. Before replacing the fuse, attempt to diagnose and resolve the root cause.
5. **Replace Fuse:** If the fuse is confirmed blown, replace it with a genuine Whirlpool W10402110 fuse following the installation instructions in Section 5.
6. **Repeated Failure:** If a newly installed fuse blows immediately or shortly after replacement, this strongly indicates an unresolved electrical fault. Discontinue use and consult a qualified appliance technician for further diagnosis and repair.

9. Specifications

Attribute	Detail
Manufacturer	Whirlpool
Part Number	W10402110
Item Weight	1.51 ounces
Product Dimensions	1.5 x 2.5 x 3.5 inches
Material	Copper
Mounting Type	Through-Hole Mount
Replaces Part Number	W10195528

10. Warranty and Support

For specific warranty information regarding the Whirlpool W10402110 Fuse, please refer to the documentation provided with your original appliance or contact Whirlpool customer service directly. Support resources, including additional troubleshooting guides and service contact information, can typically be found on the official Whirlpool website or through your authorized dealer.

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