Whirlpool W10278923RP

Whirlpool W10278923RP Dishwasher Power Supply Kit Installation Manual

Model: W10278923RP | Brand: Whirlpool

1. Introduction

This manual provides comprehensive instructions for the installation and use of the Whirlpool W10278923RP Dishwasher Power Supply Kit. This kit is designed to provide a safe and reliable electrical connection for your dishwasher, featuring a 6-foot, 3-prong power cord, metal strain relief, and wire nuts for secure wiring. It is suitable for close clearance connections and compatible with most major dishwasher brands.

2. Important Safety Information

- Always disconnect power to the dishwasher at the circuit breaker before beginning any installation or maintenance.
- Ensure all electrical connections are secure and comply with local electrical codes.
- Do not overtighten connections, as this may damage components.
- If you are unsure about any step, consult a qualified electrician.

3. Package Contents

The Whirlpool W10278923RP Power Supply Kit includes the following components:

- One (1) 6-foot dishwasher 90-degree power cord (125V)
- One (1) metal strain relief
- Three (3) wire nuts
- Installation instructions (this manual)



Figure 1: All components included in the Whirlpool W10278923RP Dishwasher Power Supply Kit, including the 6-foot power cord, metal strain relief, and three wire nuts.

4. Setup and Installation

Follow these steps to properly install your dishwasher power supply kit:

1. **Prepare for Installation:** Ensure the dishwasher is disconnected from the main power supply at the circuit breaker. Pull the dishwasher out from its cabinet opening to access the rear and underside.
2. **Access the Electrical Box:** Locate the electrical junction box on the dishwasher. This is typically found on the lower front or side of the appliance. Remove the cover to expose the wiring connections.
3. **Connect the Power Cord:**
    - Feed the power cord through the strain relief and into the electrical box.
    - Secure the metal strain relief to the electrical box opening to prevent the cord from being pulled out.
    - Connect the wires:
        - Connect the black wire from the power cord to the black wire in the dishwasher's electrical box using a wire nut.
        - Connect the white wire from the power cord to the white wire in the dishwasher's electrical box using a wire nut.

- Connect the green (ground) wire from the power cord to the green (ground) screw or wire in the dishwasher's electrical box.



Figure 2: The 90-degree 3-prong plug of the power cord, designed for convenient connection in tight spaces.

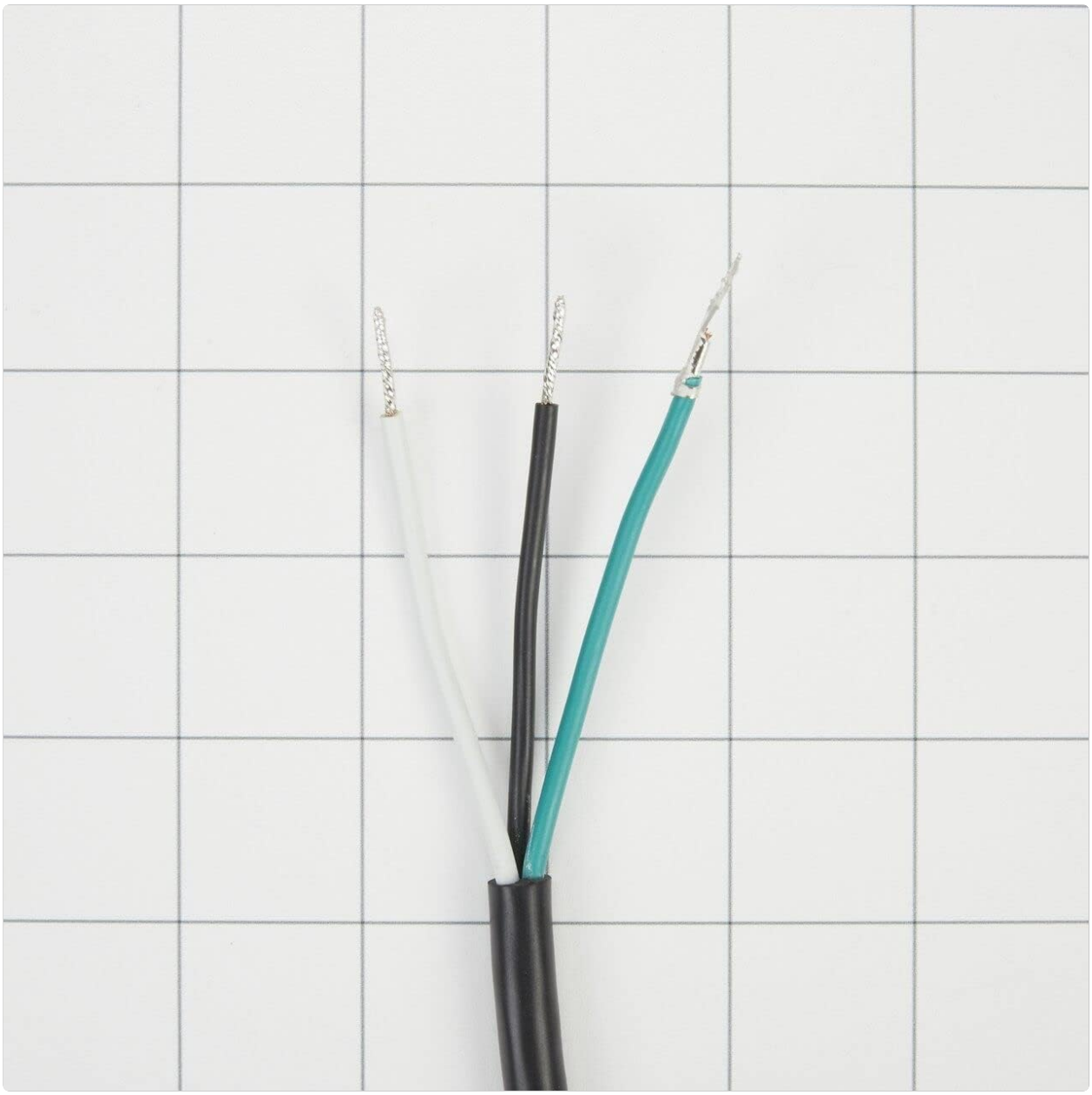


Figure 3: The bare wire ends of the power cord, pre-stripped and ready for connection with wire nuts.

4. **Secure the Electrical Box:** Replace the cover of the electrical box, ensuring all wires are tucked inside and not pinched.
5. **Position the Dishwasher:** Carefully slide the dishwasher back into its cabinet opening. Ensure the power cord is not kinked or pinched behind the appliance.
6. **Final Connection:** Plug the 3-prong power cord into a grounded 125V electrical outlet.

Installation Videos

Video: W11365014 Power Cord 6 ft Dishwasher Installation Kit

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This video provides a visual guide to the components of a 6-foot dishwasher power cord installation kit and demonstrates basic connection principles. (Source: AIZYSY)

Video: Appliance Pros Universal Dishwasher Installation Kit

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A brief overview of the Appliance Pros Universal Dishwasher Installation Kit, showcasing its components and general application. (Source: AP Parts Supply)

Video: Product Overview Video

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This video offers a quick product overview, highlighting the key features and components of a dishwasher power cord kit. (Source: Amazon Product Imaging)

Video: AppliancePros Dishwasher Kit

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A short video demonstrating the contents and basic use of the AppliancePros Dishwasher Kit. (Source: AP Parts Supply)

5. Operating Instructions

Once the power supply kit is correctly installed and connected to a grounded 125V outlet, your dishwasher is ready for operation. Refer to your dishwasher's specific user manual for detailed operating instructions, cycle selections, and programming.

6. Maintenance

To ensure continued safe and efficient operation of your dishwasher and power supply kit:

- Periodically inspect the power cord for any signs of wear, fraying, or damage. If damage is observed, replace the cord immediately.
- Ensure the plug is securely seated in the electrical outlet.
- Check the electrical box connections annually for tightness. Disconnect power before inspecting.

7. Troubleshooting

If your dishwasher is not receiving power after installation, consider the following:

- **No Power:** Check if the power cord is securely plugged into a working outlet. Verify that the circuit breaker for the dishwasher is in the 'ON' position.
- **Loose Connections:** With power disconnected, re-check all wire nut connections in the electrical box to ensure they are tight.
- **Damaged Cord:** Inspect the power cord for any visible damage. A damaged cord should be replaced.

If issues persist, contact a qualified appliance technician or Whirlpool customer support.

8. Specifications

Feature	Detail
Brand	Whirlpool
Model Number	W10278923RP
Power Cord Length	6 Feet
Voltage	125V
Material	Metal (components), Black (cord insulation)

Item Weight	7.2 ounces (0.2 Kilograms)
Replaces Part Numbers	3370315RP, 1550317, AH2367498, EA2367498, PS2367498

9. Warranty and Support

Whirlpool Genuine OEM Accessories are designed specifically for your appliance, meet tested engineering standards, and are crafted to ensure the quality of your appliance. For over 100 years, Whirlpool has been committed to providing durable materials and innovative processes for their replacement parts.
For warranty claims, technical assistance, or further support, please refer to the contact information provided with your original dishwasher purchase or visit the official Whirlpool website.

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