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Fricparts 665.14573N612

Instruction Manual: Fricparts Replacement Water Drain Pump Motor

For Kenmore Dishwasher Model 665.14573N612

1. Introduction

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Fricparts replacement water drain pump motor. Please read these instructions thoroughly before attempting any installation or repair to ensure proper function and to prevent potential damage or injury. Keep this manual for future reference.

2. Product Overview

The Fricparts replacement water drain pump motor is designed to restore proper drainage functionality to compatible dishwashers. This component is crucial for removing water from the dishwasher tub at the end of a wash cycle. It features a durable construction and is engineered to meet the specifications of the original part.

Image 1: The Fricparts replacement water drain pump motor. This image displays the motor assembly, highlighting the yellow impeller and the grey housing components.

3. Compatibility

This replacement water drain pump motor is specifically compatible with the following dishwasher model:

- **Kenmore Dishwasher Model:** 665.14573N612

It is essential to verify your dishwasher's model number before purchasing and installing this part. Appliance parts can appear similar, but specific model compatibility is critical for correct fit and function.

4. Safety Information

Always prioritize safety when performing appliance repairs. Failure to follow these safety guidelines may result in personal injury or property damage.

- **Disconnect Power:** Before beginning any repair, always unplug the dishwasher from its power source or turn off the circuit breaker supplying power to the appliance.
- **Wear Protective Gear:** Wear appropriate personal protective equipment, such as work gloves and safety glasses, to protect against sharp edges, electrical hazards, and chemical exposure.
- **Drain Water:** Ensure all water is drained from the dishwasher tub before attempting to remove the pump.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the repair, consult a qualified appliance technician.

5. Installation Instructions

The following steps outline the general procedure for replacing a dishwasher drain pump motor. Specific steps may vary slightly depending on your dishwasher's exact configuration.

1. **Preparation:**
    - Disconnect the dishwasher from the electrical supply.
    - Turn off the water supply to the dishwasher.
    - Carefully pull the dishwasher out from its cabinet enclosure to access the underside.
    - Lay down towels or a pan to catch any residual water.
2. **Locate the Drain Pump:**
    - Identify the drain pump motor, typically located at the bottom of the dishwasher, often near the drain hose connection.
3. **Disconnect Wiring and Hoses:**
    - Carefully disconnect the electrical wiring harness from the old pump motor. Note the orientation for reinstallation.
    - Loosen any clamps and detach the drain hoses connected to the pump. Be prepared for some water spillage.
4. **Remove Old Pump:**
    - The pump is usually secured by clips, screws, or a twist-lock mechanism. Release these fasteners to remove the old pump assembly.
5. **Install New Pump:**
    - Position the new Fricparts drain pump motor in the same location as the old one.
    - Secure it using the existing clips, screws, or by twisting it into place until it locks.

6. **Reconnect Wiring and Hoses:**
    - Reattach the drain hoses to the new pump and secure them with their clamps.
    - Connect the electrical wiring harness to the new pump motor, ensuring a secure connection.
7. **Final Checks:**
    - Ensure all connections are tight and secure.
    - Carefully slide the dishwasher back into its cabinet.
    - Reconnect the water supply and electrical power.

6. Operation Verification

After installation, perform a test cycle to ensure the new drain pump motor is functioning correctly.

1. Run a short wash cycle on your dishwasher.
2. Listen for the pump engaging during the drain phase of the cycle.
3. Verify that all water is successfully drained from the dishwasher tub.
4. Check for any leaks around the pump and hose connections.

If the dishwasher drains properly and there are no leaks, the installation was successful.

7. Maintenance

To ensure the longevity and optimal performance of your dishwasher's drain system, consider the following maintenance tips:

- **Clean Filters Regularly:** Periodically clean the dishwasher's filters to prevent food particles and debris from reaching and potentially clogging the drain pump.
- **Avoid Overloading:** Do not overload the dishwasher, as this can impede proper water circulation and drainage.
- **Pre-Rinse Dishes:** Scrape off large food scraps from dishes before loading them into the dishwasher.

8. Troubleshooting

If your dishwasher is experiencing drainage issues after replacing the pump, consider these common troubleshooting steps:

- **Dishwasher Not Draining:**
    - Check for kinks or blockages in the drain hose.
    - Ensure the air gap (if present) is not clogged.
    - Verify electrical connections to the pump are secure.
    - Inspect the pump impeller for any obstructions.
- **Loud Noise During Drain Cycle:**
    - This could indicate a foreign object caught in the pump impeller. Disconnect power and inspect.
- **Leaks Around Pump:**
    - Ensure all hose clamps are tight and hoses are properly seated.
    - Check the pump's seal or gasket for proper installation and integrity.

If issues persist, it is recommended to consult a professional appliance repair technician.

9. Specifications

Feature	Detail
Product Type	Replacement Water Drain Pump Motor
Compatible Appliance Model	Kenmore 665.14573N612 Dishwasher
Manufacturer	Fricparts
Part Number (Fricpart)	Fricpart-101437
ASIN	B0FBNRLS8Q
Color	Black/White (housing/impeller)
Date First Available	June 2, 2025

10. Warranty and Support

For specific warranty information regarding this Fricparts replacement part, please refer to the documentation provided at the time of purchase or contact the seller directly. Warranty terms typically cover manufacturing defects.

For technical support or further assistance, please reach out to the seller or manufacturer. When contacting support, have your purchase details and the product's ASIN (B0FBNRLS8Q) readily available.

11. Official Product Videos

No official product videos from the seller were available for embedding in this manual.

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