

Fricpart-074542

Kenmore 11027894790 Washer Water Drain Pump Replacement Part Instruction Manual

Model: Fricpart-074542

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective installation, operation, and maintenance of your new replacement water drain pump, model Fricpart-074542, designed for Kenmore 11027894790 washing machines. Please read this manual thoroughly before proceeding with any installation or maintenance to ensure proper function and safety.

2. SAFETY PRECAUTIONS

- **Disconnect Power:** Always unplug the washing machine from the electrical outlet before attempting any service or installation.
- **Turn Off Water Supply:** Close the hot and cold water supply valves to the washing machine.
- **Drain Water:** Ensure all water is drained from the washer tub and hoses before beginning work to prevent spills and electrical hazards.
- **Wear Protective Gear:** Use gloves and eye protection to prevent injury.
- **Professional Assistance:** If you are unsure about any step, consult a qualified appliance technician.

3. SETUP AND INSTALLATION

This section outlines the general steps for replacing the water drain pump. Specific disassembly and reassembly procedures for your Kenmore 11027894790 washer may vary. Refer to your washer's service manual for detailed instructions.

3.1. Identifying the Replacement Part



Image Description: This image displays the replacement water drain pump. It features two cylindrical ports for hose connections at the top, and a central impeller housing with four mounting tabs around its base. The pump is light beige in color, indicating its material composition and design for integration into a washing machine's drainage system.

3.2. Installation Steps

1. **Prepare the Washer:** Disconnect power and water supply. Move the washer to an area with sufficient space for access.
2. **Access the Pump:** Depending on your washer model, you may need to tilt the washer, remove the front panel, or access from the rear to locate the drain pump.
3. **Disconnect Hoses:** Carefully disconnect the inlet and outlet hoses from the old drain pump. Be prepared for residual water.

4. **Disconnect Wiring:** Unplug the electrical connector(s) from the old pump.
5. **Remove Old Pump:** Unmount the old pump from its housing or bracket. Note its orientation for correct installation of the new pump.
6. **Install New Pump:** Position the new Fricpart-074542 drain pump in the same orientation as the old one. Secure it to its mounting bracket.
7. **Reconnect Wiring:** Plug in the electrical connector(s) to the new pump. Ensure connections are secure.
8. **Reconnect Hoses:** Attach the inlet and outlet hoses to the new pump. Use hose clamps if necessary to prevent leaks.
9. **Reassemble Washer:** Reattach any panels or components removed during access.
10. **Test Functionality:** Reconnect water supply and power. Run a short drain cycle or a small wash load to check for proper drainage and leaks.

4. OPERATING PRINCIPLES

The water drain pump is an integral component of your washing machine's drainage system. Its primary function is to remove water from the washer tub at specific points during the wash and rinse cycles. When activated by the washer's control board, the pump's impeller rotates, creating suction to draw water out of the tub and push it through the drain hose to your household drain.

Proper operation of the drain pump is indicated by the washer successfully draining water without excessive noise or error codes related to drainage. There are no direct user controls for the drain pump; its operation is automated by the washing machine's programming.

5. MAINTENANCE

While the drain pump itself requires minimal direct maintenance, ensuring the overall drainage system is clear can prolong its lifespan and prevent issues.

- **Check for Blockages:** Periodically inspect the washer's drain hose for kinks or obstructions.
- **Clean Lint Filter/Trap:** Many washers have a lint filter or coin trap accessible from the front or bottom panel. Regularly clean this filter to prevent debris from reaching and clogging the drain pump.
- **Avoid Overloading:** Overloading the washer can sometimes lead to excessive lint and debris, potentially impacting the drain system.

6. TROUBLESHOOTING

If your washing machine is experiencing drainage issues after installing the new pump, consider the following:

- **Washer Not Draining:**
 - Ensure the drain hose is not kinked or clogged.
 - Check the washer's lint filter/coin trap for obstructions.
 - Verify electrical connections to the pump are secure.
 - Confirm the washer's control board is sending power to the pump during the drain cycle.
- **Unusual Noises During Drain Cycle:**
 - A foreign object may be lodged in the pump's impeller. Disconnect power and carefully inspect

the pump's inlet.

- Ensure the pump is securely mounted and not vibrating against other components.

- **Leaks Around Pump:**

- Check all hose connections for tightness and proper seating. Replace hose clamps if they are old or damaged.
- Inspect the pump housing for cracks or damage (unlikely for a new part, but possible during installation).

If troubleshooting steps do not resolve the issue, professional assistance may be required.

7. SPECIFICATIONS

Attribute	Detail
Product Model	Fricpart-074542
Compatible Appliance Model	Kenmore 11027894790 Washer
Manufacturer Part Number	FRIC-PL-APP-TP-22052025-011103
Brand	Generic
Manufacturer	Fricparts
Color	Black/White
Item Package Quantity	1
Number Of Pieces	1

8. WARRANTY AND SUPPORT

For information regarding the warranty of this replacement part, please refer to the documentation provided at the time of purchase or contact the seller directly. Specific warranty terms and conditions are determined by the manufacturer or retailer.

For technical support or further assistance, please contact the seller or manufacturer of the Fricpart-074542 replacement part.