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› Amesias Washing Machine Drain Pump Instruction Manual

Amesias DrainGTW460ASJ6WW

Amesias Washing Machine Drain Pump Instruction Manual

Model: DrainGTW460ASJ6WW

1. INTRODUCTION

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your Amesias Washing Machine Drain Pump. This pump is designed as a replacement part for various washing machine models. Please read this manual thoroughly before attempting any installation or repair to ensure safe and correct usage.

Compatible Washing Machine Models: GTW460ASJ6WW, GTW460ASJ7WW, GTW460ASJ8WW, GTW460ASJ9WW, GTW460ASJAWW, GTW465ASN0WW, GTW465ASN1WW, GTW465ASN2WW, GTW485ASJ0WS, GTW485ASJ0WW, GTW485ASJ1WS.



Image 1.1: Compatibility Warning. Always verify your washing machine's model number to ensure this drain pump is the correct replacement part.

2. SAFETY INFORMATION

Always prioritize safety when working with electrical appliances and water. Failure to follow these safety guidelines may result in electric shock, injury, or property damage.

- **Disconnect Power:** Before beginning any installation, maintenance, or repair, always unplug the washing machine from the electrical outlet.
- **Drain Water:** Ensure all water is drained from the washing machine before attempting to remove or install the drain pump. Residual water can cause spills and potential electrical hazards.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and eye protection.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the repair, consult a qualified appliance technician.
- **Original Parts:** Use only genuine or approved replacement parts to ensure proper function and safety.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package.

- Amesias Washing Machine Drain Pump (Model: DrainGTW460ASJ6WW)
- Associated wiring harness/connector (as pictured)
- *Note: Additional components like hoses, clamps, or tools are typically not included and may need to be purchased separately.*



Image 3.1: Overview of the Amesias Washing Machine Drain Pump.

4. SETUP AND INSTALLATION

This section outlines the general steps for replacing a washing machine drain pump. Specific procedures may vary slightly depending on your washing machine model. Always refer to your washing machine's service manual for detailed instructions.

1. Prepare the Washing Machine:

- Unplug the washing machine from the power outlet.

- Turn off the water supply to the washing machine.
- Drain any remaining water from the washer tub and hoses. You may need to tilt the machine or use a wet/dry vacuum.
- Move the washing machine to an open area for easier access.

2. Access the Drain Pump:

Depending on your washer model, you may need to remove the front panel, rear panel, or tilt the machine back to access the drain pump located at the bottom.

3. Disconnect the Old Pump:

- Carefully disconnect the electrical wiring harness from the old pump. Note the orientation for reinstallation.
- Loosen and remove the clamps securing the drain hoses (inlet and outlet) to the pump. Be prepared for residual water.
- Remove any mounting screws or clips holding the old pump in place.
- Remove the old drain pump.



Image 4.1: Electrical connector detail. Ensure proper connection during installation.

4. Install the New Pump:

- Position the new Amesias drain pump in the correct location.
- Secure it with the mounting screws or clips previously removed.
- Reconnect the drain hoses to the new pump, ensuring they are securely clamped to prevent leaks.
- Connect the electrical wiring harness to the new pump. Ensure a firm and correct connection.



Image 4.2: New drain pump ready for hose and electrical connections.

5. Test the Installation:

- Restore the water supply to the washing machine.
- Plug the washing machine back into the power outlet.
- Run a short drain/spin cycle to check for leaks and proper pump operation. Observe carefully for any unusual noises or water leakage.

5. OPERATION

The drain pump is an integral component of your washing machine's drainage system. Its primary function is to remove water from the washer tub during and after wash cycles. When the washing machine signals for water to be drained, the pump activates, drawing water out through the drain hose.

Proper operation of the drain pump is crucial for the washing machine to complete its cycles effectively and prevent water accumulation.

6. MAINTENANCE

Regular maintenance can extend the life of your drain pump and prevent common issues.

- **Check for Obstructions:** Periodically inspect the drain pump filter (if accessible on your washing

machine model) and the pump's impeller for lint, coins, buttons, or other foreign objects that can impede its function.

- **Inspect Hoses:** Ensure drain hoses are not kinked, clogged, or damaged. A restricted hose can put strain on the pump.
- **Listen for Unusual Noises:** Pay attention to any grinding, humming, or excessive noise during the drain cycle, which could indicate a problem with the pump.

7. TROUBLESHOOTING

If your washing machine is experiencing drainage issues, the drain pump may be the cause. Here are some common problems and potential solutions:

Problem	Possible Cause	Solution
Washing machine not draining water.	Clogged drain pump filter. Kinked or blocked drain hose. Faulty drain pump. Electrical issue (no power to pump).	Clean the drain pump filter. Check and clear the drain hose. Verify electrical connections. If pump is faulty, replacement is necessary.
Unusual noise during drain cycle (grinding, humming).	Object lodged in pump impeller. Worn pump bearings.	Disconnect power, access pump, and remove any foreign objects. If bearings are worn, the pump typically requires replacement.
Water leaking from the drain pump area.	Loose hose clamps. Damaged pump housing or seals. Improperly seated hoses.	Tighten hose clamps. Inspect pump housing and seals for cracks or damage; replace pump if necessary. Ensure hoses are correctly attached and sealed.

Always disconnect power before performing any troubleshooting steps that require accessing internal components.

8. SPECIFICATIONS

Brand	Amesias
Part Number / Model Number	DrainGTW460ASJ6WW
Item Weight	0.16 ounces (approx. 4.54 g)
Color	Pictured (typically grey/white)
Included Components	Drain Pump, associated wiring (as part of the pump assembly)

Batteries Required?	No
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9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Amesias Washing Machine Drain Pump, please contact the manufacturer directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

Note: Specific warranty terms and conditions may vary.