

Ariston C00143766

Ariston Dishwasher Drain Pump Motor Instruction Manual

Model: C00143766 | Compatible with LI620, LV640AWH

INTRODUCTION

This manual provides essential information for the installation, function, maintenance, and troubleshooting of your Ariston Dishwasher Drain Pump Motor, part number C00143766. This motor is a replacement component designed for specific Ariston dishwasher models, including LI620 and LV640AWH. Please read these instructions carefully before proceeding with installation or any related procedures to ensure safe and correct operation.

SETUP AND INSTALLATION

Replacing a dishwasher drain pump motor requires technical knowledge and involves working with electrical components and water. For safety and proper function, professional installation is highly recommended. Always disconnect the dishwasher from the main power supply before attempting any installation or repair.

General Installation Steps (Consult a professional or your dishwasher's service manual for specific details):

- Safety First:** Ensure the dishwasher is unplugged from the electrical outlet and the water supply is turned off.
- Access the Pump:** Depending on your dishwasher model, you may need to pull the dishwasher out from its cabinet, tilt it, or remove access panels to reach the drain pump assembly.
- Drain Water:** Carefully drain any residual water from the dishwasher tub and hoses.
- Disconnect Wiring and Hoses:** Disconnect the electrical wiring from the old pump motor and detach the drain hoses. Note their positions for reassembly.
- Remove Old Pump:** Unmount the old drain pump motor from its housing. This may involve twisting, unlatching, or unscrewing.
- Install New Pump:** Carefully install the new Ariston Drain Pump Motor (C00143766) into the housing, ensuring it is securely seated.
- Reconnect:** Reattach the drain hoses and electrical wiring to the new pump. Ensure all connections are secure and watertight.
- Test:** Before fully reassembling the dishwasher, perform a test cycle to check for leaks and proper drainage.

9. **Final Assembly:** Once confirmed operational, reassemble any removed panels and reposition the dishwasher.



Image showing the Ariston Dishwasher Drain Pump Motor, model C00143766, a replacement part for various Ariston dishwasher models.

OPERATING FUNCTION

The drain pump motor is an integral component of your dishwasher's drainage system. Its primary function is to expel dirty water from the dishwasher tub at the end of wash and rinse cycles. When the dishwasher's control board signals for drainage, the pump motor activates, creating suction to draw water out of the tub and push it through the drain hose into your household plumbing. Proper operation of this motor is crucial for effective cleaning and preventing water accumulation in the dishwasher.

MAINTENANCE

The Ariston Drain Pump Motor itself is a sealed unit and does not require specific user maintenance. Its longevity is largely dependent on the overall maintenance of the dishwasher. To help ensure the optimal performance and lifespan of your drain pump motor and dishwasher:

- **Clean Dishwasher Filters:** Regularly clean your dishwasher's filters to prevent food particles and debris from reaching the pump, which can cause blockages or damage.

- **Scrape Plates:** Scrape large food scraps off dishes before loading them into the dishwasher.
- **Use Appropriate Detergent:** Use only dishwasher-specific detergent in the recommended quantities to prevent excessive suds or residue buildup.
- **Inspect Drain Hose:** Periodically check the drain hose for kinks or blockages that could impede water flow.

TROUBLESHOOTING

If your dishwasher is experiencing drainage issues, the drain pump motor may be a contributing factor. Here are common symptoms and potential solutions:

- **Water Not Draining:**
 - Check if the dishwasher filter is clogged with food debris.
 - Inspect the drain hose for kinks, blockages, or foreign objects.
 - Ensure the air gap (if present) is clear.
 - Verify that the drain pump motor is receiving power and operating. A humming sound without water movement may indicate an impeller blockage or motor failure.
- **Unusual Noises During Drain Cycle:**
 - A grinding or buzzing noise may indicate debris caught in the pump impeller.
 - A loud humming could suggest the motor is trying to run but is obstructed or has failed.
- **Dishwasher Not Completing Cycle:**
 - If water is not draining, the dishwasher's control system may halt the cycle.

If troubleshooting steps do not resolve the issue, and you suspect the drain pump motor is faulty, it may require replacement. Consult a qualified appliance technician for diagnosis and repair.

PRODUCT SPECIFICATIONS

Brand	Ariston
Manufacturer Part Number	C00143766
ASIN	B00EOMH6JS
Material	Metal
Color	White
Item Weight	1.12 Kilograms
Voltage	230 Volts
Form Factor	Freestanding <i>(Note: This specification likely refers to the dishwasher appliance itself, not the pump motor.)</i>
Number of Settings	6 <i>(Note: This specification likely refers to the dishwasher appliance itself, not the pump motor.)</i>

WARRANTY INFORMATION

Specific warranty details for this replacement part are not provided in this manual. Please refer to the warranty

information provided by your original seller or contact Ariston customer support directly for details regarding the warranty period and terms for replacement parts.

CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about service, please contact the retailer from whom you purchased this part or visit the official Ariston website for their customer service contact information. When contacting support, please have your product's model number (C00143766) and your dishwasher's model number readily available.