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› IKEA BPX2-14L Dishwasher Drain Pump User Manual

IKEA 50293177007

IKEA BPX2-14L Dishwasher Drain Pump User Manual

Model: BPX2-14L (Part No. 50293177007)

1. INTRODUCTION

This user manual provides comprehensive instructions for the safe and effective installation, operation, and maintenance of your IKEA BPX2-14L Dishwasher Drain Pump. This component is a replacement part designed to restore the draining function of compatible dishwashers. Please read this manual thoroughly before proceeding with any installation or maintenance.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock and Injury!

- Always disconnect the dishwasher from the main power supply before attempting any installation, maintenance, or repair.
- Ensure your hands are dry when handling electrical components.
- If you are not confident in performing the installation, it is highly recommended to seek assistance from a qualified technician.
- Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- Keep children and pets away from the work area.

3. PRODUCT DESCRIPTION AND COMPATIBILITY

The IKEA BPX2-14L is a replacement drain pump designed for various dishwasher models from IKEA, ELECTROLUX, and A.E.G. It is crucial to verify compatibility with your specific appliance model before installation.



A detailed view of the IKEA BPX2-14L Dishwasher Drain Pump, showing its black plastic housing, white motor base, and electrical connectors. The label on the side indicates model BPX2-14L, AC220-240V, 50Hz, 30W, 0.5A, CI 155, S3 10minON 5minOFF, No. 181023, P/N: A00073801, and manufacturer LEILI CHANGZHOU CHINA.

Compatible Brands and Models:

This drain pump is compatible with appliances from the following brands:

- IKEA
- ELECTROLUX
- A.E.G.

Known compatible models include, but are not limited to:

- ASF6180
- ASF6165 - 911916266
- ESF65031W

- RDWTI60
- 91198930603
- 91151301604 (ELECTROLUX)
- ESL64052 - 91153.60060 1 (Electrolux)
- F84470VI - 91163621400 (A.E.G)

If your model is not listed, please contact customer service with your appliance's full model number to confirm compatibility.

4. SETUP AND INSTALLATION

The installation of a dishwasher drain pump requires careful attention to detail and safety. Follow these general steps. For specific instructions, refer to your dishwasher's service manual or consult a professional.

1. **Disconnect Power:** Locate your dishwasher's power cord and unplug it from the wall outlet. If hardwired, turn off the corresponding circuit breaker at your home's electrical panel.
2. **Access the Pump:** Depending on your dishwasher model, you may need to pull the appliance out from its cabinet or access the pump from the bottom or side. This often involves tilting the dishwasher or removing a kick plate.
3. **Drain Residual Water:** Place towels or a shallow pan underneath the pump area to catch any residual water that may spill during removal.
4. **Disconnect Hoses and Wiring:** Carefully disconnect the drain hoses and electrical wiring connected to the old pump. Note their positions for reassembly. Take photos if necessary.
5. **Remove Old Pump:** Unmount the old drain pump from its housing. This usually involves releasing clips or unscrewing fasteners.
6. **Install New Pump:** Position the new IKEA BPX2-14L drain pump into the housing, ensuring it is securely seated and fastened.
7. **Reconnect Hoses and Wiring:** Reattach the drain hoses and electrical wiring to the new pump, ensuring all connections are tight and secure. Double-check that the wiring matches the original configuration.
8. **Secure Appliance:** Return the dishwasher to its original position and secure any panels or kick plates that were removed.
9. **Test Operation:** Reconnect the dishwasher to the power supply. Run a short wash cycle to check for proper draining and to ensure there are no leaks. Monitor the area around the pump for the first few cycles.

5. OPERATING INSTRUCTIONS

The IKEA BPX2-14L Dishwasher Drain Pump operates automatically as part of your dishwasher's wash cycle. It is designed to activate during the draining phases to remove wastewater from the appliance. No manual operation is required for the pump itself.

6. MAINTENANCE

Regular maintenance of your dishwasher, including its drain system, can prolong the life of the drain pump.

- **Clean Dishwasher Filter:** Regularly clean your dishwasher's internal filter to prevent food particles and debris from reaching and potentially clogging the drain pump.
- **Inspect Drain Hose:** Periodically check the drain hose for kinks, blockages, or damage that could impede water flow.
- **Listen for Unusual Noises:** Pay attention to any unusual grinding or humming noises from the pump area, which

could indicate a blockage or a failing motor.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Dishwasher not draining	Clogged drain filter or hose Faulty drain pump Kinked drain hose	Clean dishwasher filter. Check drain hose for blockages or kinks. If pump is new and correctly installed, it might be a different issue or a rare defect.
Slow draining	Partial blockage in drain system Weak pump motor	Inspect and clear any partial blockages in the filter or hose. If the pump is old, it may be losing efficiency and require replacement.
Unusual noise during draining	Debris in pump impeller Worn pump bearings	Disconnect power and inspect the pump impeller for foreign objects. If the noise persists and no debris is found, the pump may need replacement.
Water leaking from pump area	Loose hose connections Damaged pump seal	Ensure all hose clamps and connections are tight. If the pump itself is leaking, it may be damaged and require replacement.

If troubleshooting steps do not resolve the issue, it is recommended to contact a qualified appliance repair technician.

8. SPECIFICATIONS

Attribute	Value
Manufacturer	IKEA (Original Manufacturer: LEILI CHANGZHOU CHINA)
Part Number	50293177007, 1113 (P/N: A00073801)
Model Number	BPX2-14L
Voltage	AC 220-240V
Frequency	50Hz
Power	30W
Current	0.5A
Insulation Class	CI 155
Duty Cycle	S3 10minON 5minOFF

Attribute	Value
Material	Plastic, Metal (Stainless Steel components)
Color	White, White Grey Black

9. WARRANTY AND SUPPORT

This product is a replacement part. Any warranty coverage is typically provided by the seller or the original manufacturer of the part. Please refer to your purchase documentation for specific warranty terms and conditions.

For further assistance, compatibility inquiries, or technical support, please contact the customer service of your retailer or the manufacturer of your dishwasher.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question