

ADB1400AGS3

Instruction Manual for Amana ADB1400AGS3 Dishwasher Water Drain Pump Motor

Brand: Generic | Model: ADB1400AGS3

1. PRODUCT OVERVIEW

This document provides essential information for the installation and maintenance of the replacement water drain pump motor for Amana ADB1400AGS3 dishwashers. This component is crucial for the proper drainage of water from your dishwasher during wash cycles.

It is a direct replacement part designed to restore the drainage function of your appliance.

2. COMPATIBILITY INFORMATION

This drain pump motor is specifically designed for the Amana ADB1400AGS3 dishwasher model. It is critical to verify your dishwasher's model number before attempting installation to ensure proper fit and function.

- **Compatible Model:** Amana ADB1400AGS3
- **Part Number:** ADB1400AGS3 (as a replacement part identifier)

Appliance parts can appear similar across different models. Always cross-reference the model number found on your appliance's rating plate with the compatibility information provided.

3. SAFETY PRECAUTIONS

Before beginning any repair or installation, always prioritize safety. Failure to follow these precautions may result in personal injury or damage to the appliance.

- **Disconnect Power:** Always unplug the dishwasher from the electrical outlet or turn off the circuit breaker supplying power to the dishwasher before starting any work.
- **Disconnect Water Supply:** Turn off the water supply valve to the dishwasher to prevent leaks.
- **Wear Protective Gear:** Use gloves to protect your hands from sharp edges and safety glasses to protect your eyes.
- **Drain Water:** Ensure all water is drained from the dishwasher tub and drain hose before removing the pump.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the repair, consult a qualified appliance technician.

4. INSTALLATION GUIDE

This section outlines the general steps for replacing the dishwasher drain pump motor. Specific procedures may vary slightly depending on your dishwasher's exact configuration. Refer to your dishwasher's service manual for detailed instructions if available.



Figure 1: Amana ADB1400AGS3 Dishwasher Water Drain Pump Motor. This image displays the Amana ADB1400AGS3 Dishwasher Water Drain Pump Motor, featuring a grey housing, a light beige impeller chamber, and a bright yellow impeller fan. The motor assembly is designed for efficient water drainage in compatible dishwasher models.

Required Tools:

- Screwdrivers (Phillips and Flathead)
- Pliers
- Towels or rags
- Bucket or shallow pan

Step-by-Step Replacement:

1. **Prepare the Dishwasher:**

- Disconnect the dishwasher from the power supply.
- Turn off the water supply to the dishwasher.
- Carefully pull the dishwasher out from its cabinet enclosure.

2. Access the Drain Pump:

- Depending on your dishwasher model, you may need to tilt the dishwasher on its back or side, or remove the lower access panel.
- Locate the drain pump, which is typically at the bottom of the dishwasher, often near the motor.

3. Disconnect Hoses and Wiring:

- Place a shallow pan or towels underneath the pump to catch any residual water.
- Carefully disconnect the drain hoses attached to the pump. There may be clamps that need to be loosened or removed.
- Disconnect the electrical wiring harness from the pump motor. Note the orientation of the wires if they are not keyed.

4. Remove the Old Pump:

- The pump is usually secured by clips, screws, or a twist-lock mechanism. Release these fasteners to remove the old pump.
- Carefully pull the old pump away from its housing.

5. Install the New Pump:

- Ensure the new pump's gasket or seal is properly seated.
- Align the new drain pump motor with its mounting position and secure it using the clips, screws, or twist-lock mechanism.
- Reconnect the electrical wiring harness, ensuring a secure connection.
- Reconnect the drain hoses, ensuring clamps are tightened to prevent leaks.

6. Test and Reassemble:

- Carefully slide the dishwasher back into its cabinet.
- Reconnect the water supply and turn on the power.
- Run a short test cycle to check for proper drainage and any leaks.
- If no issues are detected, secure any access panels removed earlier.

5. TROUBLESHOOTING COMMON ISSUES

If your dishwasher is still experiencing drainage problems after replacing the pump, consider the following common issues:

Problem	Possible Cause	Solution
Dishwasher not draining	Clogged drain hose or air gap	Inspect and clear any blockages in the drain hose or air gap.
Water remaining in tub	Filter screen clogged	Remove and clean the dishwasher's filter screen at the bottom of the tub.
Pump making unusual noise	Debris in pump impeller	Disconnect power, access the pump, and check for any foreign objects obstructing the impeller.

Problem	Possible Cause	Solution
Dishwasher not starting	Improper electrical connection	Verify all electrical connections to the pump and other components are secure.

6. PRODUCT SPECIFICATIONS

Attribute	Detail
Part Type	Water Drain Pump Motor
Compatible Appliance	Dishwasher
Model Compatibility	Amana ADB1400AGS3
Brand	Generic
Manufacturer	Fricparts
Color	Black/White (housing) with Yellow impeller
ASIN	B0FBMPT1FW
First Available Date	June 2, 2025

7. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for this replacement part, please refer to the documentation provided by the seller or manufacturer at the time of purchase. Keep your purchase receipt as proof of purchase.

For general dishwasher repair inquiries, it is recommended to consult the official Amana service manual for your specific dishwasher model or contact a certified appliance repair professional.

