

Samoser GDF610PGJ6WW CDT706P2M4S1

Samoser Dishwasher Circulation Pump Instruction Manual

For GE Dishwasher Models

1. INTRODUCTION

This manual provides essential information for the Samoser aftermarket replacement circulation pump designed for various GE dishwasher models. It covers product overview, compatibility, installation guidelines, maintenance, troubleshooting, and specifications. Please read this manual thoroughly before attempting any installation or maintenance.

For any questions regarding compatibility or installation, it is recommended to consult a qualified technician or contact Samoser support.

2. PRODUCT OVERVIEW

The Samoser circulation pump is an aftermarket replacement component for GE dishwashers. Its primary function is to circulate water through the spray arms during the wash cycle, ensuring effective cleaning of dishes.



Figure 1: Samoser Dishwasher Circulation Pump. This image displays the circulation pump with its black motor housing, white electrical connector, and black hose connection point.

3. COMPATIBILITY

This circulation pump is designed as an aftermarket replacement for a wide range of GE dishwasher models. To ensure proper fit and function, verify your dishwasher's model number against the list below. You can typically find your model number on a label inside the dishwasher door or on the appliance's frame.

Compatible GE Dishwasher Models include:

- ADT521PGJ0BS, ADT521PGJ0WS, ADT521PGJ2BS, ADT521PGJ2WS
- CDT706P2M4S1, CDT706P2M5S1, CDT725SSF7SS, CDT805P2N0S1
- CDT835SMJ0DS, CDT835SMJ2DS, CDT835SMJ4DS, CDT835SMJ5DS
- CDT835SSJ0SS, CDT835SSJ2SS, CDT835SSJ4SS, CDT835SSJ5SS

- CDT836P2M4S1, CDT836P2M5S1, CDT836P3M4D1, CDT836P3M5D1
- CDT836P4M4W2, CDT836P4M5W2, CDT845P2N0S1, CDT845P3N0D1, CDT845P4N0W2
- GDF610PGJ0BB, GDF610PGJ0WW, GDF610PGJ2BB, GDF610PGJ2WW
- GDF610PGJ4BB, GDF610PGJ4WW, GDF610PGJ5BB, GDF610PGJ5WW
- GDF610PGJ6BB, GDF610PGJ6WW, GDF610PMJ0ES, GDF610PMJ2ES
- GDF610PMJ4ES, GDF610PMJ5ES, GDF610PMJ6ES, GDF610PSJ0SS
- GDF610PSJ2SS, GDF610PSJ4SS, GDF610PSJ5SS, GDF610PSJ6SS
- GDF620HGJ0BB, GDF620HGJ0WW, GDF620HGJ2BB, GDF620HGJ2WW
- GDF620HGJ4BB, GDF620HGJ4WW, GDF620HGJ5BB, GDF620HGJ5WW
- GDF620HGJ6BB, GDF620HGJ6WW, GDF620HMJ0ES, GDF620HMJ2ES
- GDF620HMJ4ES, GDF620HMJ5ES, GDF620HMJ6ES, GDF620HSJ0SS
- GDF620HSJ2SS, GDF620HSJ4SS, GDF620HSJ5SS, GDF620HSJ6SS
- GDF630PFM0DS, GDF630PFM1DS, GDF630PFM2DS, GDF630PFM3DS
- GDF630PGM0BB, GDF630PGM0WW, GDF630PGM1BB, GDF630PGM1WW
- GDF630PGM2BB, GDF630PGM2WW, GDF630PGM3BB, GDF630PGM3WW
- GDF630PMM0ES, GDF630PMM1ES, GDF630PMM2ES, GDF630PMM3ES
- GDF630PSM0SS, GDF630PSM1SS, GDF630PSM2SS, GDF630PSM3SS
- GDF640HFM0DS, GDF640HFM2DS, GDF640HGM0BB, GDF640HGM0WW
- GDF640HGM2BB, GDF640HGM2WW, GDF640HMM0ES, GDF640HMM2ES
- GDF640HSM0SS, GDF640HSM2SS, GDF650SFJ2DS, GDF650SFJ4DS
- GDF650SFJ5DS, GDF650SGJ0BB, GDF650SGJ0WW, GDF650SGJ2BB
- GDF650SGJ2WW, GDF650SGJ4BB, GDF650SGJ4WW, GDF650SGJ5BB
- GDF650SGJ5WW, GDF650SMJ0ES, GDF650SMJ2ES, GDF650SMJ4ES
- GDF650SMJ5ES, GDF650SSJ0SS, GDF650SSJ2SS, GDF650SSJ4SS, GDF650SSJ5SS

If your specific model number is not listed or you are unsure about compatibility, please contact Samoser customer support for assistance.

4. INSTALLATION GUIDELINES

Replacing a dishwasher circulation pump requires technical knowledge and experience with appliance repair. Improper installation can lead to damage to the appliance, water leaks, or electrical hazards. It is strongly recommended that installation be performed by a qualified appliance repair technician.

General Safety Precautions:

- **Disconnect Power:** Always disconnect the dishwasher from its power source before beginning any repair work.
- **Turn Off Water Supply:** Shut off the water supply to the dishwasher to prevent leaks.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and eye protection.
- **Consult Service Manual:** Refer to your specific dishwasher model's service manual for detailed, step-by-step instructions, as procedures may vary.

Samoser is not responsible for any damage or injury resulting from improper installation of this part.

5. MAINTENANCE

The circulation pump is a sealed unit and typically does not require routine user maintenance. However, ensuring the overall cleanliness and proper functioning of your dishwasher can extend the life of its components, including the pump.

General Dishwasher Maintenance Tips:

- Regularly clean the dishwasher filter to prevent debris from accumulating and potentially straining the pump.
- Avoid overloading the dishwasher, which can hinder water circulation.
- Use appropriate dishwasher detergents and rinse aids.
- Periodically run a dishwasher cleaning cycle with a specialized cleaner to remove mineral buildup and grease.

6. TROUBLESHOOTING

If your dishwasher is experiencing issues after replacing the circulation pump, or if you suspect a pump-related problem, consider the following general troubleshooting steps. Always ensure power is disconnected before inspecting any internal components.

Common Symptoms and Potential Causes:

- **No Water Circulation / Poor Cleaning:**
 - Check for obstructions in the spray arms or filter.
 - Verify proper electrical connection to the pump.
 - Ensure the water inlet valve is functioning correctly.
- **Unusual Noises:**
 - Inspect for foreign objects lodged in the pump impeller.
 - Confirm the pump is securely mounted.
- **Leaks:**
 - Check all hose connections and seals around the pump for proper seating and integrity.

If troubleshooting does not resolve the issue, it is advisable to contact a professional appliance repair technician.

7. SPECIFICATIONS

| Feature | Detail |
|----------------------------|-----------------------------------|
| Brand | Samoser |
| Part Type | Dishwasher Circulation Pump Motor |
| Compatible Appliance Brand | GE |
| Power Source | AC/DC |

| | |
|---------------------------------|---------------------------|
| UPC | 734665757299 |
| Manufacturer Part Number | GDF610PSJ0SS GDF610PMJ0ES |
| Item Model Number | GDF610PGJ6WW CDT706P2M4S1 |

8. CONTACT AND SUPPORT

For further assistance, compatibility inquiries, or technical support, please contact Samoser customer service. We aim to respond to all inquiries within 24 hours.

Please have your dishwasher's model number and the part's ASIN (B0CD1RMT4Y) ready when contacting support to facilitate a quicker resolution.