

Mloan27425-2069

Door Latch Switch Replacement Manual

Model: Mloan27425-2069

1. INTRODUCTION

This manual provides detailed instructions for the installation, maintenance, and troubleshooting of the Mloan27425-2069 Door Latch Switch Replacement. This part is designed as an aftermarket replacement for specific Frigidaire dishwasher models. Please read this manual thoroughly before attempting any installation or repair.

2. SAFETY INFORMATION

Always prioritize safety when working with electrical appliances. Failure to follow these safety guidelines may result in personal injury or damage to the appliance.

- **Disconnect Power:** Before beginning any work, ensure the appliance is completely disconnected from its power source (unplugged or circuit breaker off).
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and safety glasses.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the repair, consult a qualified appliance technician.
- **Handle with Care:** Appliance parts can have sharp edges. Handle components carefully to avoid cuts.

3. PRODUCT OVERVIEW

The Mloan27425-2069 is a replacement door latch switch designed to restore proper door sensing and operation in compatible dishwashers. It is a critical component for the appliance's safety and functionality.



Figure 3.1: Front view of the door latch switch, displaying its black plastic housing and metal electrical terminals.



Figure 3.2: Angled view of the door latch switch, showing the internal spring mechanisms and mounting tabs.

4. COMPATIBILITY

This replacement part is compatible with various Frigidaire dishwasher models. It is crucial to verify your appliance's model number and the original part number to ensure compatibility before installation. Appliance parts can look similar, so careful verification is essential.

Known compatible models include, but are not limited to:

- Frigidaire FGID2466QF6A
- Frigidaire FGID2466QF
- Frigidaire FFID2426TD2A
- Frigidaire FGHD2465NF0

Always cross-reference with your appliance's specific model and part number.

5. INSTALLATION INSTRUCTIONS

The following steps outline the general procedure for replacing a dishwasher door latch switch. Specific steps may vary slightly depending on your dishwasher model. Refer to your appliance's service manual for detailed disassembly instructions if needed.

1. Prepare the Appliance:

- Ensure the dishwasher is completely unplugged from the electrical outlet or that the circuit breaker supplying power to the dishwasher is turned off.
- Turn off the water supply to the dishwasher.

2. Access the Latch Assembly:

- Open the dishwasher door.
- Locate the screws securing the inner door panel to the outer door panel. These are typically found along the perimeter of the inner panel.
- Carefully remove these screws. Some models may require removing screws from the top edge of the door or from the side edges.
- Gently separate the inner door panel from the outer door panel. Be cautious of any wires or components connected between the panels. You may need to support the outer panel as you separate them.

3. Remove the Old Switch:

- Identify the existing door latch switch. It will typically be located near the top center of the door, connected to the latch mechanism.
- Note the orientation of the wires connected to the switch. It is highly recommended to take a photo before

disconnecting them.

- Carefully disconnect the electrical wires from the old switch.
- Unmount the old switch from its housing. This may involve releasing clips or removing small screws.

4. Install the New Switch:

- Position the new Mloan27425-2069 switch into the housing, ensuring it snaps or screws securely into place.
- Connect the electrical wires to the new switch, matching the orientation noted in the previous step. Ensure connections are firm.

5. Reassemble and Test:

- Carefully reattach the inner door panel to the outer door panel, ensuring no wires are pinched.
- Replace all screws removed in Step 2.
- Reconnect the dishwasher to its power source and turn on the water supply.
- Test the dishwasher by closing the door and attempting to start a cycle. The door latch switch should engage properly, allowing the dishwasher to operate.

6. OPERATION

Once installed, the door latch switch operates automatically as part of the dishwasher's safety and control system. Its primary function is to detect whether the dishwasher door is securely closed and latched before allowing the wash cycle to begin or continue. If the door is not properly latched, the switch prevents operation, ensuring water containment and user safety.

Proper operation is indicated by the dishwasher starting its cycle when the door is closed and the start button is pressed. If the dishwasher does not start, or pauses unexpectedly, refer to the Troubleshooting section.

7. MAINTENANCE

The Mloan27425-2069 door latch switch is a sealed component and does not require routine maintenance. However, to ensure its longevity and proper function, consider the following:

- **Keep Latch Area Clean:** Periodically inspect the area around the door latch on the dishwasher frame for food debris or residue that could obstruct the latch mechanism. Clean with a damp cloth if necessary.
- **Avoid Forceful Closing:** Always close the dishwasher door gently but firmly. Slamming the door can put undue stress on the latch mechanism and the switch.
- **Inspect Wiring:** If you ever access the door panel for other repairs, visually inspect the wiring connected to the switch for any signs of wear, fraying, or loose connections.

8. TROUBLESHOOTING

If your dishwasher is experiencing issues related to the door latch after installing the replacement switch, consider the following:

Symptom	Possible Cause	Solution
Dishwasher does not start after door is closed.	Door not fully latched; wiring issue; faulty new switch.	Ensure door is firmly closed. Check wiring connections to the switch. Re-verify compatibility. If issues persist, the new switch may be defective or there's another underlying issue with the dishwasher's control board.

Symptom	Possible Cause	Solution
Dishwasher pauses mid-cycle.	Door latch disengaged; intermittent switch fault.	Check if the door has come ajar. Ensure the latch mechanism is not obstructed. If the problem is intermittent, the switch might be failing or there's a loose connection.
Error code related to door latch.	Switch malfunction; control board issue.	Consult your dishwasher's user manual for specific error code meanings. Verify switch installation. If the switch is confirmed to be working, the issue might be with the dishwasher's main control board.

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

9. SPECIFICATIONS

Attribute	Detail
Part Number	Mloan27425-2069
Brand	Generic (Aftermarket Replacement)
Manufacturer	Mloan-Parts
Color	Black (as depicted in product images)
Function	Door Latch Switch for Dishwashers
Compatible Appliance Types	Frigidaire Dishwashers (specific models)

10. WARRANTY AND SUPPORT

As an aftermarket replacement part, warranty coverage may vary. Please refer to the seller or manufacturer (Mloan-Parts) for specific warranty information and support options regarding this product. Keep your purchase receipt as proof of purchase.

For technical assistance related to your Frigidaire appliance, please consult the official Frigidaire support channels or a certified appliance technician.