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INGQI WD21X10519 WD21X10492

INGQI Dishwasher Flood Switch WD21X10492 Instruction Manual

PRODUCT OVERVIEW

This manual provides essential information for the INGQI Dishwasher Flood Switch, model WD21X10492. This component is designed to prevent dishwasher overfilling and potential flooding by accurately detecting water levels, ensuring the safe and efficient operation of your appliance.





Image: Front view of the INGQI Dishwasher Flood Switch. It is a grey cylindrical component with a green base and a black O-ring, designed for water level detection.

SPECIFICATIONS

Attribute	Detail
Brand	INGQI
Model Number	WD21X10519 WD21X10492
Part Numbers Replaced	WD21X10519, WD21X10492, WD21X20204, AP5781465, 3028650, PS8690623
Color	Black (main body is grey, base is green)
Material	High-durability materials, rigorously tested to meet OE standards



Image: Diagram illustrating the dimensions of the flood switch. The component measures approximately 5.4 inches in length and 1.75 inches in diameter at its widest point.

COMPATIBILITY

This flood switch is compatible with a wide range of GE dishwasher appliances, including models from the ADT, CDT, DDT, GDF, GDT, PDT, and ZDT series. It also fits various appliance models for Sears/Kenmore, General Electric, Hotpoint, and RCA.

Specific compatible models include, but are not limited to:

- GDT550HSD4SS
- GDT580SMF2ES
- GDT5808MF8ES
- GDT580SSF8SS

- GDF520PGD4BB
- GDF520PGD6BB
- GDF510PGD0BB
- GDF510PSD2SS
- GDF510PSD0SS
- GDF520PMJ4ES
- GDF610PSJ0SS
- GDF540HGD0BB
- GDF520PGD2WW
- GDF520PGD1WW
- GDF520PSD0SS
- GDF520PSF1SS
- PDT750SSF2SS
- PDT750SSF5SS
- PDT720SSH7SS

INSTALLATION (SETUP)

The INGQI Dishwasher Flood Switch WD21X10492 is designed for straightforward installation. While specific steps may vary slightly depending on your dishwasher model, the general process involves replacing the existing flood switch.

General Installation Guidelines:

1. **Safety First:** Before beginning any repair, ensure your dishwasher is completely disconnected from the power supply. Turn off the circuit breaker dedicated to the dishwasher.
2. **Access the Flood Switch:** The flood switch is typically located at the bottom of the dishwasher tub, often near the sump or filter assembly. You may need to remove the lower spray arm and filter components to gain access.
3. **Identify the Old Switch:** Locate the existing flood switch. It will have electrical connections and be seated in an opening designed to detect water levels.
4. **Disconnect and Remove:** Carefully disconnect the electrical wiring from the old switch. Note the orientation of the wires if they are not color-coded or uniquely shaped. Then, unclip or unscrew the old switch from its housing.
5. **Install the New Switch:** Insert the new INGQI WD21X10492 flood switch into the housing, ensuring it is securely seated. Reconnect the electrical wiring, matching the previous connections.
6. **Reassemble:** Reinstall any removed components such as the filter and lower spray arm, ensuring all parts are correctly in place.
7. **Test:** Restore power to the dishwasher and run a short cycle to verify the new flood switch is functioning correctly and there are no leaks.

For detailed, model-specific instructions, please refer to your dishwasher's original service manual or

consult a qualified appliance technician.



Dishwasher water level switch

- Easy and fast installation
- Solve the dishwasher problem
- Safe and secure, protect family
- Save Energy, water and electricity

Image: A hand pointing to the typical location where the dishwasher water level switch is installed within the dishwasher tub, adjacent to the filter assembly.

OPERATION

The Dishwasher Flood Switch WD21X10492 operates automatically as a critical safety component within your dishwasher's water management system. Its primary function is to accurately monitor the water level inside the dishwasher tub.

How it Works:

- During the fill cycle, water enters the dishwasher.
- As the water level rises, the float mechanism within the flood switch lifts.
- Once the water reaches the appropriate level, the switch sends a signal to the dishwasher's control board, indicating that the fill cycle should stop.

- In the event of an overflow condition or a malfunction that causes the water level to rise excessively, the flood switch acts as a safety cutoff, preventing water from overflowing the dishwasher and potentially causing damage to your home.

This reliable switch ensures proper water levels for efficient cleaning and provides crucial protection against flooding.



Dishwasher water level switch

The Dishwasher water level switch can automatically adjust the water level according to the quantity of the bowls and chopsticks and the degree of Besmirch, so as to avoid wasting water resources.

Image: A graphic illustrating the function of the dishwasher water level switch, highlighting its role in automatically adjusting water levels and preventing overfilling, ensuring safe and efficient operation.

MAINTENANCE

The INGQI Dishwasher Flood Switch WD21X10492 is designed for durability and typically requires minimal maintenance. However, regular cleaning of your dishwasher's filter and sump area can help ensure the flood switch operates optimally.

Recommendations:

- **Keep Sump Area Clean:** Periodically inspect and clean the dishwasher's sump and filter to prevent food particles and debris from accumulating around the flood switch, which could

impede its movement or function.

- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh chemicals directly on the flood switch or its surrounding area, as this could damage the plastic components or seals.
- **Professional Inspection:** If you suspect a problem with the flood switch, or if your dishwasher is exhibiting consistent water level issues, it is recommended to have a qualified technician inspect it.

TROUBLESHOOTING

If your dishwasher is experiencing issues related to water levels or potential leaks, the flood switch may be a contributing factor. Here are some common symptoms and potential solutions:

Symptom	Possible Cause	Solution
Dishwasher overfills or leaks from the door.	Faulty flood switch, clogged float mechanism, or control board issue.	Inspect the flood switch for obstructions. If clear, the switch may need replacement. Consult a technician if the issue persists.
Dishwasher does not fill with enough water.	Faulty flood switch, water inlet valve issue, or low water pressure.	Check water supply and inlet valve. If other components are fine, the flood switch might be stuck or faulty, requiring replacement.
Dishwasher displays an error code related to water level.	Flood switch malfunction or wiring issue.	Refer to your dishwasher's user manual for error code definitions. Inspect wiring to the flood switch for damage. If intact, the switch may be faulty.

Important: Always disconnect power to the dishwasher before attempting any inspection or repair. If you are unsure about any step, it is best to contact a certified appliance repair professional.

WARRANTY AND SUPPORT

INGQI stands behind the quality of its products. The Dishwasher Flood Switch WD21X10492 comes with a comprehensive warranty and dedicated customer support:

- **30 Days for Refund:** All products are supported by a 30-day refund policy from the date of purchase, ensuring your satisfaction.
- **3 Months for Replacement:** A 3-month replacement satisfaction guarantee warranty is provided for this product, covering any manufacturing defects.
- **Customer Service:** If you encounter any problems with your purchase, please feel free to email INGQI customer service anytime. They are always ready to assist customers and resolve issues as soon as possible.

Your satisfaction is a priority for INGQI.

