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› SOS Accessoire Dishwasher Pressure Switch 41030820 User Manual

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SOS Accessoire Dishwasher Pressure Switch User Manual

Brand: SOS ACCESSOIRE

Model: 41030820

1. PRODUCT OVERVIEW

This manual provides essential information for the installation, functionality, and maintenance of the SOS Accessoire Dishwasher Pressure Switch, model 41030820. This component is a crucial part of your dishwasher's water level control system.

The pressure switch is designed to be compatible with various dishwasher brands, including but not limited to **CANDY**, **ROSIERES**, **HOOVER**, **ZEROWATT**, **MAYTAG**, **GASFIRE**, and **IBERNA**.



This pressure switch ensures that the dishwasher fills with the correct amount of water for each cycle, preventing overfilling or underfilling, which can lead to poor wash performance or potential leaks.

2. SAFETY INFORMATION

Before attempting any installation or repair, please read and understand all safety warnings. Failure to follow these instructions may result in electric shock, fire, property damage, or personal injury.

- **Disconnect Power:** Always disconnect the dishwasher from the main power supply before beginning any repair or installation work. Turn off the circuit breaker or unplug the appliance.
 - **Water Supply:** Turn off the water supply to the dishwasher before disconnecting any hoses or components.
 - **Professional Assistance:** If you are unsure about any step or do not have the necessary tools or expertise, it is highly recommended to seek assistance from a qualified appliance repair technician.
 - **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and eye protection, during installation.
 - **Handle with Care:** Electronic components can be sensitive. Handle the pressure switch carefully to avoid damage.
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3. INSTALLATION GUIDE

Replacing a dishwasher pressure switch typically involves accessing the bottom or side of the dishwasher. The exact procedure may vary depending on your dishwasher model. Always refer to your specific dishwasher's service manual for detailed instructions.

General Installation Steps:

1. **Prepare the Dishwasher:** Ensure the dishwasher is empty and disconnected from power and water supply as per the safety instructions.
2. **Access the Component:** Depending on your dishwasher model, you may need to pull the dishwasher out from its cabinet, tilt it, or remove access panels (e.g., kick plate, side panels).
3. **Locate the Old Pressure Switch:** The pressure switch is usually connected to a hose that senses water level and has electrical connections. It might be located near the bottom of the tub or within the control panel area.
4. **Disconnect:** Carefully disconnect the electrical wires and the air hose (or water hose) connected to the old pressure switch. Note their positions for reinstallation.
5. **Remove Old Switch:** Unmount the old pressure switch from its housing or bracket.
6. **Install New Switch:** Mount the new SOS Accessoire pressure switch in the same location. Reconnect the air hose (or water hose) and the electrical wires to their corresponding terminals. Ensure all connections are secure.
7. **Reassemble:** Reattach any removed panels or components. Carefully slide the dishwasher back into its position if it was moved.
8. **Test:** Reconnect the water supply and power. Run a short cycle to verify proper operation and check for any leaks.



Image 3.1: Illustrative image showing the typical location of a pressure switch within a dishwasher. The exact position may vary by model.

4. FUNCTIONALITY (OPERATING PRINCIPLE)

The pressure switch is an automatic component that does not require direct user operation. Its function is integral to the dishwasher's wash cycle:

- **Water Level Sensing:** As water fills the dishwasher tub, the increasing water pressure is transmitted through an air trap and hose to the pressure switch.
- **Signal to Control Board:** Once the water reaches a predetermined level, the pressure inside the switch activates an internal diaphragm, closing or opening electrical contacts. This sends a signal to the dishwasher's control board.
- **Fill Cycle Termination:** Upon receiving the signal, the control board stops the water inlet valve, preventing further filling. This ensures the correct amount of water for optimal washing and prevents overfilling.
- **Cycle Progression:** The control board then proceeds to the next stage of the wash cycle, such as activating the wash pump.

A properly functioning pressure switch is essential for efficient and safe dishwasher operation.

5. CARE AND MAINTENANCE

The SOS Accessoire pressure switch itself is a sealed unit and does not require specific maintenance. However, maintaining your dishwasher can help prolong the life of its components, including the pressure switch.

- **Clean Dishwasher Filters:** Regularly clean your dishwasher's filters to prevent food particles and debris from accumulating and potentially blocking the pressure switch's air trap or hose.
- **Check Hoses:** Periodically inspect the air hose connected to the pressure switch for kinks, cracks, or blockages. A clear hose ensures accurate water level sensing.

- **Use Recommended Detergents:** Use only dishwasher detergents recommended by your appliance manufacturer to prevent residue buildup that could affect components.
- **Avoid Overloading:** Do not overload your dishwasher, as this can impede water circulation and potentially affect water level sensing.

6. TROUBLESHOOTING

If your dishwasher is experiencing water level issues, a faulty pressure switch could be the cause. Here are common symptoms and basic checks:

Common Symptoms of a Faulty Pressure Switch:

- **Dishwasher Overfills:** Water continues to fill the tub beyond the normal level, potentially leading to leaks.
- **Dishwasher Underfills:** Not enough water enters the tub, resulting in poor cleaning performance.
- **Dishwasher Not Filling:** The dishwasher does not take in any water, and the cycle may not start or may stall.
- **Error Codes:** Your dishwasher's display might show specific error codes related to water level issues. Consult your dishwasher's user manual for error code definitions.

Basic Checks (After Disconnecting Power):

- **Inspect Air Hose:** Check the small air hose connecting the pressure switch to the tub's air trap for any blockages, kinks, or disconnections. Clear any obstructions.
- **Check Air Trap:** Ensure the air trap (often a small chamber at the bottom of the tub where the hose connects) is not clogged with debris.
- **Electrical Connections:** Verify that the electrical wires to the pressure switch are securely connected and free from corrosion or damage.

If these basic checks do not resolve the issue, or if you suspect the pressure switch is faulty, replacement is usually necessary. It is recommended to consult a qualified technician for diagnosis and repair if you are not comfortable performing the replacement yourself.

7. TECHNICAL SPECIFICATIONS

Below are the key specifications for the SOS Accessoire Dishwasher Pressure Switch model 41030820:

Specification	Value
Brand	SOS ACCESSOIRE
Model Number	41030820
Compatible References	41030820, 41016500, 41003204
Diameter (with end piece)	70 mm
Diameter (without end piece)	55 mm
Recommended Use	Dishwasher accessory / spare part

Specification	Value
Installation Type	Integrated



Image 7.1: Pressure switch showing a diameter measurement of 5.5 cm (55 mm).

8. SUPPORT AND CONTACT

For further assistance, technical support, or inquiries regarding this product, please contact SOS ACCESSOIRE directly.

- **Manufacturer:** SOS ACCESSOIRE
- **Online Store:** [Visit the SOS ACCESSOIRE Store on Amazon](#)
- **Spare Parts Availability:** Information regarding the availability of spare parts for this specific model is currently unavailable through standard channels. Please contact the manufacturer for details.

When contacting support, please have your product model number (41030820) and any relevant details about your dishwasher readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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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