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Speed Queen 35889P

Speed Queen 35889P Washer Water Level Switch Instruction Manual

This manual provides essential information for the proper installation, function, and maintenance of your Speed Queen 35889P Washer Water Level Switch. Please read thoroughly before proceeding.

1. PRODUCT OVERVIEW

The Speed Queen 35889P is a genuine Original Equipment Manufacturer (OEM) water level switch designed for Speed Queen washing machines. This component is crucial for the proper operation of your washer, accurately sensing the water level in the tub and signaling the control system to stop filling or proceed with the wash cycle.



This image displays the Speed Queen 35889P Washer Water Level Switch. It is a compact, typically plastic or metal component with electrical terminals and a pressure sensing port, designed to accurately measure and control the water level inside a washing machine.

2. IMPORTANT SAFETY INFORMATION

- **Disconnect Power:** Always unplug the washing machine from the electrical outlet before attempting any installation, repair, or maintenance. Failure to do so can result in serious injury or electrical shock.
- **Professional Installation:** Installation of this part may require specialized tools and knowledge. If you are unsure about any step, it is recommended to consult a qualified appliance technician.

- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves, to prevent injury during handling and installation.
- **Genuine Parts:** Use only genuine OEM replacement parts to ensure compatibility and proper function of your appliance.

3. SETUP AND INSTALLATION

Tools Required:

- Screwdriver (Phillips and/or Flathead, depending on washer model)
- Pliers (optional, for hose clamps)
- Work gloves

Installation Steps:

1. **Disconnect Power:** Unplug the washing machine from the wall outlet.
2. **Access the Switch:** Depending on your Speed Queen washer model, you may need to remove the control panel, top panel, or rear access panel to locate the water level switch. Refer to your specific washer's service manual for detailed access instructions.
3. **Identify the Switch:** The water level switch is typically a small, round or rectangular component with electrical wires connected to it and a thin air hose attached to its pressure port.
4. **Disconnect Air Hose:** Carefully detach the air hose from the old water level switch. Be gentle to avoid damaging the hose.
5. **Disconnect Electrical Wires:** Note the position and color of the wires before disconnecting them from the old switch. Taking a photo can be helpful.
6. **Remove Old Switch:** Unmount the old switch from its bracket or housing. This may involve unscrewing it or releasing clips.
7. **Install New Switch:** Mount the new Speed Queen 35889P water level switch in the same location and orientation as the old one.
8. **Reconnect Electrical Wires:** Connect the electrical wires to the new switch, ensuring they are securely attached to their correct terminals.
9. **Reconnect Air Hose:** Reattach the air hose to the pressure port on the new switch, ensuring a snug fit to prevent air leaks.
10. **Reassemble Washer:** Reattach any panels or components that were removed to access the switch.
11. **Test Functionality:** Plug the washing machine back into the electrical outlet. Run a test cycle to ensure the washer fills to the correct water level and operates normally.

4. OPERATING PRINCIPLE

The water level switch operates on a pressure-sensing principle. As water fills the washer tub, the air trapped in a pressure dome at the bottom of the tub is compressed. This compressed air travels through the air hose to the water level switch. Inside the switch, a diaphragm responds to this pressure, activating electrical contacts at predetermined pressure levels. These contacts signal the washer's control board, indicating when the desired water level has been reached, thereby stopping the water inlet valve and allowing the wash cycle to proceed.

5. MAINTENANCE

The Speed Queen 35889P water level switch is a sealed electronic component and is not designed for user maintenance or repair. If the switch is determined to be faulty, it should be replaced. Regular maintenance for this

component primarily involves ensuring the air hose connected to it is free from kinks, blockages, or leaks, which could affect its ability to accurately sense water levels. Periodically inspect the hose for any signs of wear or damage.

6. TROUBLESHOOTING

If your washing machine exhibits water level issues, the water level switch may be a contributing factor. Here are some common symptoms and potential causes:

- **Washer Overfills:** This could indicate a faulty water level switch that is not signaling the control board to stop filling, or a blocked air hose preventing pressure from reaching the switch.
- **Washer Underfills or Does Not Fill:** This might suggest a faulty switch that is not detecting water, a kinked or disconnected air hose, or a blockage in the pressure dome.
- **Washer Fills and Drains Immediately:** While often related to drain pump issues, a malfunctioning water level switch could also contribute if it incorrectly signals an empty tub.

Before replacing the switch, always check the air hose for obstructions or damage. If the hose is clear and properly connected, and symptoms persist, the water level switch may need replacement.

7. SPECIFICATIONS

Specification	Detail
Brand	Speed Queen
Model / Part Number	35889P
Description	Washer Water Level Switch
Item Weight	Approximately 50 pounds (packaging weight, actual part is lighter)
Washer Type	Flat (referring to the washer type it's compatible with)
Metal Type	Stainless Steel (for internal components or mounting)
UPC / GTIN	717449132475

8. WARRANTY AND SUPPORT

As a genuine Original Equipment Manufacturer (OEM) part, the Speed Queen 35889P Water Level Switch is typically covered by the manufacturer's standard warranty for replacement parts. For specific warranty details, including duration and coverage, please refer to the documentation provided with your Speed Queen appliance or contact Alliance Laundry Systems directly. For technical support or further assistance, please reach out to Speed Queen customer service or an authorized service provider.