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Whirlpool 353244

Whirlpool 353244 Water Level Pressure Switch Instruction Manual

Genuine Replacement Part for Whirlpool Appliances

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1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Whirlpool 353244 Water Level Pressure Switch. This component is a genuine replacement part designed to ensure the correct water level detection in compatible Whirlpool appliances, primarily washing machines. Please read this manual thoroughly before proceeding with any installation or repair to ensure safety and optimal performance.

2. SAFETY INFORMATION

WARNING: Disconnect power to the appliance before servicing. Failure to do so may result in electrical shock, injury, or death.

- Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection.
- Ensure the appliance is completely unplugged or the circuit breaker is off before beginning any work.
- If you are unsure about any step, consult a qualified appliance technician.
- Keep children and pets away from the work area.
- Handle all components with care to prevent damage.

3. PRODUCT OVERVIEW

The Whirlpool 353244 Water Level Pressure Switch is a critical component in many Whirlpool washing machines. Its primary function is to monitor the water level inside the wash tub and signal the control board when the desired water level is reached. This ensures the appliance fills correctly and prevents overfilling or underfilling. This replacement part includes the pressure switch and an associated hose, which connects the switch to the air trap in the wash tub.



Image 1: The Whirlpool 353244 Water Level Pressure Switch. This image displays the pressure switch component along with the attached hose, which is essential for its function in detecting water levels within the appliance.

4. INSTALLATION INSTRUCTIONS

Installation of the Whirlpool 353244 Water Level Pressure Switch typically involves accessing the control panel or rear of the washing machine. The exact procedure may vary depending on your specific appliance model. Always refer to your appliance's service manual for detailed, model-specific instructions.

1. **Disconnect Power:** Ensure the washing machine is unplugged from the electrical outlet and the water supply is turned off.
2. **Access the Switch:** Depending on your model, you may need to remove the control panel, top panel, or rear access panel to locate the existing water level pressure switch.
3. **Identify Connections:** Note the electrical wiring connections to the old switch and the routing of the pressure hose. It is recommended to take a photograph for reference.
4. **Remove Old Switch:** Carefully disconnect the electrical wires and detach the pressure hose from the old switch. The switch is usually held in place by clips or screws.
5. **Install New Switch:** Connect the pressure hose from the air trap to the new Whirlpool 353244 switch. Ensure a secure, airtight connection.
6. **Connect Wiring:** Attach the electrical wires to the new switch, matching the connections noted in step 3.
7. **Secure Switch:** Mount the new switch securely in its designated location.
8. **Reassemble Appliance:** Replace any panels or components removed during access.
9. **Test Functionality:** Restore power and water supply to the washing machine. Run a test cycle to verify proper water filling and operation.

Note: The included hose may need to be cut to the appropriate length to match the original hose, as indicated by some users. Ensure the cut is clean and the connection remains airtight.

5. OPERATION

The water level pressure switch operates automatically within your washing machine's cycle. As water fills the tub, air is trapped in a chamber at the bottom of the tub, and this air pressure is transmitted through the

hose to the pressure switch. When the pressure reaches a predetermined level, indicating the correct water volume, the switch activates, signaling the control board to stop filling and proceed with the wash cycle. This ensures efficient water usage and proper washing conditions.

6. MAINTENANCE

The Whirlpool 353244 Water Level Pressure Switch is designed for long-term reliability and generally requires minimal maintenance. However, periodic inspection can help prevent issues:

- **Hose Inspection:** Periodically check the pressure hose for cracks, kinks, or blockages. A damaged or clogged hose can lead to inaccurate water level readings.
- **Connections:** Ensure all electrical connections to the switch are secure and free from corrosion.
- **Air Trap:** If water level issues persist, inspect the air trap (pressure dome) at the bottom of the wash tub for debris or blockages that could impede air pressure transmission.

If any issues are found, disconnect power to the appliance before attempting to clean or replace components.

7. TROUBLESHOOTING

If your washing machine exhibits symptoms related to water level, the pressure switch or its associated hose may be the cause. Always perform basic checks before replacing parts.

Symptom	Possible Cause	Solution
Washing machine overfills or continuously fills.	Faulty pressure switch, clogged pressure hose, or blocked air trap.	<ul style="list-style-type: none">◦ Inspect and clear the pressure hose and air trap.◦ Test the pressure switch for continuity (if applicable and safe to do so).◦ Replace the pressure switch if faulty.
Washing machine underfills or does not fill at all.	Faulty pressure switch, kinked or disconnected pressure hose, or blocked air trap.	<ul style="list-style-type: none">◦ Check water supply and inlet valves.◦ Inspect and clear the pressure hose and air trap.◦ Verify electrical connections to the switch.◦ Replace the pressure switch if faulty.
Error codes related to water level.	Pressure switch malfunction or related circuit issue.	<ul style="list-style-type: none">◦ Consult your appliance's service manual for specific error code diagnostics.◦ Perform checks as described for overfilling/underfilling.

If troubleshooting steps do not resolve the issue, professional service may be required.

8. SPECIFICATIONS

Part Number: 353244

Manufacturer: Whirlpool

Item Weight: 4 ounces

Product Dimensions: 1.5 x 2.5 x 3.5 inches

Material: Copper

Switch Style: Pressure Switch

Included Components: Hose

Batteries Required: No

National Stock Number: 4720-01-045-0789

Date First Available: August 7, 2008

9. WARRANTY INFORMATION

This product is sold with **No Warranty** as per the manufacturer's description. Please verify warranty terms with your retailer at the time of purchase if specific coverage is expected.

10. CUSTOMER SUPPORT

For further assistance, technical support, or to locate a certified service technician, please visit the official Whirlpool website or contact their customer service department. When contacting support, please have your appliance's model and serial number, along with the part number 353244, readily available.

Whirlpool Official Website: www.whirlpool.com