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Whirlpool 9444213

Whirlpool Range Surface Burner Control Switch Model 9444213 Instruction Manual

Model: 9444213 (OEM Part # W10434452)

INTRODUCTION

This instruction manual provides essential information for the installation, operation, and maintenance of the Whirlpool Range Surface Burner Control Switch, Model 9444213. This component is designed to regulate the heat output of a surface burner on compatible Whirlpool brand ranges and cooktops. Proper installation and understanding of its function are crucial for safe and efficient appliance operation.

PRODUCT OVERVIEW

The Whirlpool Range Surface Burner Control Switch (Part # 9444213, also identified as OEM Part # W10434452) is an authorized original equipment manufacturer (OEM) part. It is designed for direct replacement in various Whirlpool brand range and cooktop models. This switch is responsible for controlling the power supplied to the surface heating element, allowing for variable heat settings.



Image: The Whirlpool Range Surface Burner Control Switch, Model 9444213. This blue and black component features multiple electrical terminals and is rated for 240Vac/15A. Key markings include W10434452 and INVENSYS.

The switch features a 3-pin power connector type and is constructed from durable plastic. Electrical specifications observed on the component include 240Vac/15A, with terminals marked (L1), (L2), (H1A), (H1B), (H2), and (P).

SAFETY INFORMATION

WARNING: Before attempting any installation, repair, or maintenance on your appliance, always disconnect power to the range or cooktop at the circuit breaker or fuse box. Failure to do so can result in electrical shock, serious injury, or death.

- Ensure the appliance is completely cool before handling any internal components.
- Wear appropriate personal protective equipment, such as gloves and safety glasses.
- If you are not comfortable performing electrical repairs, it is highly recommended to seek assistance from a qualified appliance technician.
- Verify that the replacement part is compatible with your specific appliance model before installation.

INSTALLATION INSTRUCTIONS

- Disconnect Power:** Turn off the electrical power to the range or cooktop at the main circuit breaker or fuse box. Confirm power is off before proceeding.
- Access the Switch:** Depending on your appliance model, you may need to remove the back panel, control panel, or lift the cooktop surface to access the surface burner control switches. Refer to your appliance's specific service manual for detailed access instructions.
- Identify and Document Wiring:** Before disconnecting any wires, carefully note the position and color of each wire connected to the old switch. Taking a photograph can be helpful. The terminals on the new switch should match the old one (e.g., L1, L2, H1A, H1B, H2, P).
- Remove Old Switch:** Disconnect all wires from the old switch using needle-nosed pliers if necessary. Remove any mounting screws or clips securing the switch to the control panel.
- Install New Switch:** Position the new Whirlpool Range Surface Burner Control Switch (Model 9444213) in the same location as the old one. Secure it with the original mounting hardware.
- Connect Wiring:** Reconnect the wires to the new switch according to your documentation. Ensure all connections are secure and properly seated.
- Reassemble Appliance:** Carefully reassemble any panels or components that were removed to access the switch. Ensure no wires are pinched or damaged during reassembly.
- Restore Power and Test:** Restore power to the appliance at the circuit breaker. Test the surface burner controlled by the newly installed switch to ensure it functions correctly across all heat settings.

For visual guidance, many online resources and videos demonstrate the general process of replacing range surface burner switches. Always prioritize safety and consult your appliance's specific service manual.

OPERATION

The surface burner control switch functions in conjunction with the control knob on your range or cooktop. Turning the knob adjusts the internal mechanism of the switch, which in turn varies the electrical power delivered to the corresponding surface heating element. This allows you to select different heat levels, from low to high, for cooking.

- Rotate the control knob clockwise or counter-clockwise to select the desired heat setting for the surface burner.
- The switch is designed to provide continuous variable heat control, not just on/off functionality.

MAINTENANCE

The Whirlpool Range Surface Burner Control Switch is a sealed unit and does not require routine maintenance. However, periodic inspection of the control panel area and wiring connections can help ensure continued reliable operation.

- Ensure the control knobs are clean and free from grease or food debris.
- If you notice any loose connections or signs of wear on the wiring during other appliance maintenance, address them promptly (after disconnecting power).
- Avoid excessive force when turning control knobs, as this can damage the switch mechanism over time.

TROUBLESHOOTING

If you experience issues with your surface burner, the control switch may be a contributing factor. Here are common symptoms and potential solutions:

Symptom	Possible Cause	Solution
Burner stuck on high heat regardless of knob setting.	Faulty control switch (internal contacts welded).	Replace the surface burner control switch.
Burner only works on one setting (e.g., high or low).	Faulty control switch (internal mechanism failure).	Replace the surface burner control switch.
Burner does not heat at all.	No power to the burner, faulty element, or faulty control switch (open circuit).	Check circuit breaker. Inspect burner element for damage. Test continuity of the switch (requires multimeter and electrical knowledge). If switch is faulty, replace it.
Control knob feels loose or does not engage the switch.	Damaged control knob or switch shaft.	Inspect knob and switch shaft for damage. Replace either component as needed.

If troubleshooting steps do not resolve the issue, professional appliance repair is recommended.

SPECIFICATIONS

Feature	Detail
Brand	Whirlpool
Model Number	9444213
OEM Part Number	W10434452
Compatible Devices	Cooktop, Range
Product Dimensions	6"L x 4"W x 6"H
Item Weight	2.16 ounces
Material	Plastic
Power Connector Type	3-Pin
Electrical Rating (from component)	240Vac/15A
Manufacturer (of switch component)	INVENSYS
UPC	782139815426

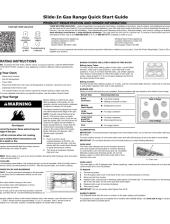
WARRANTY AND SUPPORT

For specific warranty information regarding the Whirlpool Range Surface Burner Control Switch, Model 9444213, please refer to the documentation provided at the time of purchase or contact the seller directly.

As an OEM authorized part, it typically adheres to Whirlpool's standard parts warranty.

For additional support or to explore other Whirlpool products, you may visit the official [Whirlpool Store on Amazon](#).

Related Documents - 9444213

	<p>Whirlpool Freestanding Gas Range Control Guide</p> <p>A comprehensive guide to operating Whirlpool freestanding gas ranges, covering controls, cooking modes, safety instructions, and features like Air Fry, Bake, Broil, and Sabbath Mode.</p>
	<p>Whirlpool Slide-In Gas Range Quick Start Guide</p> <p>A quick start guide for operating and using your Whirlpool slide-in gas range, including oven and cooktop instructions, burner size recommendations, and rack positioning.</p>
	<p>Whirlpool Freestanding Gas Range Quick Start Guide and Operating Instructions</p> <p>This guide provides essential operating instructions, safety warnings, and troubleshooting tips for Whirlpool freestanding gas ranges, ensuring safe and efficient use of your appliance.</p>
	<p>Whirlpool 30" Electric Freestanding Standard Clean Range WFE525S0JS3 Parts List</p> <p>Comprehensive parts list for the Whirlpool 30" Electric Freestanding Standard Clean Range, model WFE525S0JS3 (Stainless). Includes detailed part numbers and descriptions for cooktop, control panel, chassis, door, and drawer components, as well as optional parts.</p>

