

## Frigidaire 318004900

# Frigidaire 318004900 Range Switch Instruction Manual

## INTRODUCTION

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This manual provides essential information for the safe and correct installation, operation, and maintenance of the Frigidaire 318004900 Range Switch. This component is a genuine Original Equipment Manufacturer (OEM) replacement part designed for specific Frigidaire range models. Please read all instructions carefully before attempting any installation or repair.

## SAFETY INFORMATION

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**WARNING: Risk of electric shock. Disconnect power to the appliance before servicing. Failure to do so can result in serious injury or death.**

- Always disconnect the appliance from its power source before beginning any repair or installation.
- Wear appropriate personal protective equipment, such as gloves and safety glasses.
- If you are unsure about your ability to perform this repair safely, consult a qualified appliance technician.
- Ensure all connections are secure and correctly wired before restoring power.

## PACKAGE CONTENTS

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Verify that your package contains the following item:

- One (1) Frigidaire 318004900 Range Switch



Image: The Frigidaire 318004900 Range Switch component.

## SETUP AND INSTALLATION

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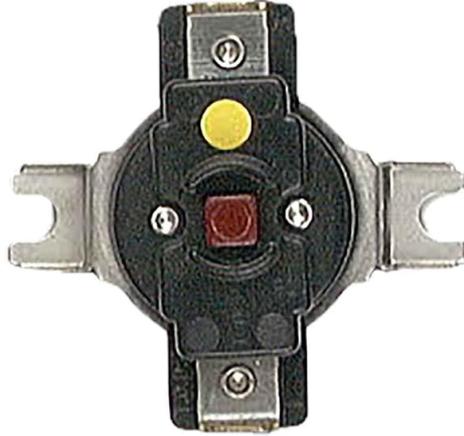
This section outlines the general steps for replacing a range switch. Specific steps may vary depending on your appliance model. Always refer to your appliance's service manual for detailed instructions.

### Pre-Installation Checklist:

- Ensure the new switch, part number 318004900, matches the original part.
- Gather necessary tools (e.g., screwdrivers, nut drivers, wire strippers).
- Confirm the appliance is disconnected from all power sources.

# Be Sure, Check First

Confirm part number  
with appliance manufacturer.



# FRIGIDAIRE®

Part # **318004900**  
**Switch**

Genuine OEM Replacement Parts

Image: Frigidaire 318004900 Range Switch with a message to confirm part number with appliance manufacturer.

## Installation Steps:

1. **Disconnect Power:** Turn off the circuit breaker or unplug the range from the wall outlet.
2. **Access the Switch:** Depending on your range model, you may need to remove the back panel, control panel, or cooktop to access the infinite switch.
3. **Document Wiring:** Before disconnecting any wires, take a photograph or draw a diagram of the existing wiring connections to the old switch. This is crucial for correct reassembly.
4. **Remove Old Switch:** Carefully disconnect all wires from the old switch. Then, unmount the old switch from its housing.
5. **Install New Switch:** Mount the new Frigidaire 318004900 switch in the same position as the old one.
6. **Connect Wiring:** Using your photograph or diagram, connect the wires to the new switch. Ensure all connections are tight and secure.
7. **Reassemble Appliance:** Reattach any panels or components that were removed to access the switch.
8. **Restore Power:** Turn the circuit breaker back on or plug the range back into the wall outlet.
9. **Test Functionality:** Test the range burner controlled by the new switch to ensure it operates correctly.

## OPERATING INSTRUCTIONS

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The Frigidaire 318004900 Range Switch is an infinite switch designed to regulate the heat output of a surface burner on your range. Once installed, its operation is integrated with your appliance's control knob. Turning the control knob will send varying levels of power to the burner, allowing you to select the desired heat setting from low to high.

- Ensure the control knob is properly seated on the switch shaft.
- Rotate the knob to the desired heat setting. The switch will then regulate power to the burner.
- Turn the knob to the 'OFF' position when cooking is complete.

## MAINTENANCE

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The Frigidaire 318004900 Range Switch is a sealed component and does not require routine maintenance. However, periodic inspection of the wiring connections can help ensure continued safe operation.

- **Annual Inspection:** With power disconnected, visually inspect the wiring connected to the switch for any signs of wear, fraying, or loose connections.
- **Cleaning:** If the area around the switch becomes dirty, ensure power is disconnected and gently clean with a dry cloth. Avoid using liquids near electrical components.

## TROUBLESHOOTING

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If you experience issues after replacing the range switch, consider the following:

- **Burner Not Heating:**
  - Check if the circuit breaker for the range is tripped.
  - Verify all wires are securely connected to the switch and the burner element.
  - Ensure the control knob is correctly aligned and engaging the switch shaft.
- **Burner Only Heats on High/Low:**
  - This could indicate a faulty switch or incorrect wiring. Re-check wiring against your diagram.
- **Sparking or Burning Smell:**
  - Immediately disconnect power to the appliance. This indicates a serious electrical issue. Do not restore power until the problem is identified and corrected by a qualified technician.

If troubleshooting steps do not resolve the issue, contact a qualified appliance repair technician.

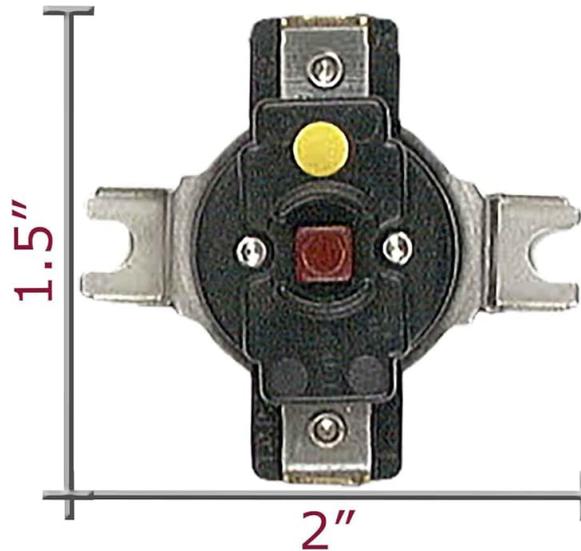
## SPECIFICATIONS

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Attribute	Value
Part Number	318004900
Brand	Frigidaire
Item Weight	0.8 ounces
Product Dimensions	8 x 8 x 8 inches (packaging/shipping dimensions)
Item Model Number	318004900

# 318004900

Length: 2 inches  
Width: 1.5 inches  
Height: 1.4 inches



# FRIGIDAIRE®

Image: Frigidaire 318004900 Range Switch with approximate dimensions: Length 2 inches, Width 1.5 inches, Height 1.4 inches.

## COMPATIBLE MODELS

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The Frigidaire 318004900 Range Switch is compatible with the following Frigidaire range models:

- Frigidaire 30-3989-00-02
- Frigidaire 31-3437-66-01
- Frigidaire 77-4957-00-05
- Frigidaire 77-4957-00-06
- Frigidaire 77-4957-00-07

Always verify compatibility with your specific appliance model before purchasing and installing any replacement part.

## WARRANTY INFORMATION

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Specific warranty details for the Frigidaire 318004900 Range Switch are not provided in the product data. For information regarding warranty coverage, please contact Frigidaire customer support or refer to the documentation that came with your original appliance.

## CUSTOMER SUPPORT

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For further assistance, technical support, or to inquire about parts, please visit the official Frigidaire website or contact their customer service department.

[Visit the Frigidaire Store on Amazon](#)