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› American Range Thermostat A11101 Instruction Manual - Bj Griddle/Gas Oven

American Range A11101

American Range Thermostat A11101 Instruction Manual

Genuine OEM Replacement Part for Bj Griddle/Gas Ovens

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the American Range Thermostat, Model A11101. This is a genuine OEM replacement part designed for use in American Range Bj Griddle and Gas Oven units. Using genuine OEM parts ensures safety, reliability, and optimal performance of your equipment.

SAFETY INFORMATION

- **Qualified Personnel Only:** Installation and service should only be performed by qualified, licensed technicians.
- **Disconnect Power:** Always disconnect power to the appliance before attempting any installation, maintenance, or repair.
- **Gas Supply:** Ensure the gas supply is turned off before working on gas-fired appliances.
- **Personal Protective Equipment:** Wear appropriate personal protective equipment (PPE) such as gloves and eye protection.
- **Original Parts:** Use only genuine American Range replacement parts to maintain safety and warranty validity.
- **Heat Warning:** Be aware that components near the burner can reach high temperatures. Ensure proper wire routing to avoid heat damage.

PRODUCT OVERVIEW

The American Range Thermostat A11101 is a critical component for regulating temperature in Bj Griddle and Gas Oven units. It consists of a control unit and a temperature sensing bulb/capillary tube assembly.



Figure 1: American Range Thermostat A11101. This image displays the thermostat's main body, which houses the control mechanism, and the extended temperature sensing probe (capillary tube and bulb) that detects the oven or griddle temperature.

INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing an existing thermostat. Specific procedures may vary based on the appliance model. Refer to your appliance's service manual for detailed instructions.

1. Preparation:

- Ensure the appliance is completely cooled down.
- Disconnect the appliance from its power source and turn off the gas supply.
- Access the existing thermostat by removing any necessary panels or covers.

2. Removal of Old Thermostat:

- Carefully disconnect all electrical wiring and gas lines from the old thermostat. Note their positions for reinstallation.
- Unmount the old thermostat from its housing.
- Gently remove the temperature sensing bulb from its mounting location within the oven or griddle cavity.

3. Installation of New Thermostat A11101:

- Mount the new A11101 thermostat in the same location as the old unit.
- Carefully route and secure the temperature sensing bulb into its designated position within the appliance cavity. Ensure it is not kinked or damaged.
- Reconnect all electrical wiring and gas lines to the new thermostat, ensuring connections are secure and correct.
- **Wire Routing:** Pay close attention to the routing of the thermostat's capillary tube and wiring. As noted by users, the material around the wire may not withstand extreme heat. Position it as far away from direct burner flame or high-heat zones as possible.

4. Post-Installation Checks:

- Visually inspect all connections for security.
- Replace any removed panels or covers.
- Restore gas supply and power to the appliance.

- Check for gas leaks using an approved leak detection solution.

CALIBRATION (If Required)

Some installations may require thermostat calibration to ensure accurate temperature control. Refer to your appliance's service manual for specific calibration procedures. General guidance often involves:

- **Temperature Verification:** Use a calibrated oven thermometer to verify the actual temperature inside the appliance against the thermostat setting.
- **Adjustment Screw:** Many thermostats have a small adjustment screw for calibration. **Do not unscrew this completely.** A slight turn may be needed to align the thermostat's reading with the actual temperature. If the screw is stuck, a gentle tap with a screwdriver handle may loosen it.
- **Professional Assistance:** If you are unsure about calibration, consult a qualified technician.

OPERATING INSTRUCTIONS

Once installed and calibrated, the thermostat operates in conjunction with your appliance's control knob. To operate:

1. Turn the appliance's control knob to the desired temperature setting.
2. The thermostat will regulate the gas flow to the burner, maintaining the set temperature.
3. Monitor the appliance's temperature using an external thermometer if precise temperature control is critical for your application.

MAINTENANCE

The American Range Thermostat A11101 is designed for durability. Regular maintenance primarily involves:

- **Visual Inspection:** Periodically inspect the thermostat and its connections for any signs of wear, damage, or loose wiring.
- **Cleaning:** Keep the area around the thermostat free from grease and debris. Ensure the temperature sensing bulb is clean for accurate readings.
- **Professional Check:** Have your appliance professionally inspected and serviced annually to ensure all components, including the thermostat, are functioning correctly.

TROUBLESHOOTING

If you experience issues with temperature control, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Inaccurate Temperature Reading	Thermostat out of calibration, dirty sensing bulb, damaged sensing bulb/capillary.	Calibrate thermostat (see Calibration section), clean sensing bulb, inspect for damage. Replace if damaged.
Appliance Not Heating	No power/gas, faulty thermostat, faulty igniter/burner.	Check power and gas supply. Consult a qualified technician to diagnose thermostat or other component failure.
Overheating Appliance	Faulty thermostat (stuck open), incorrect calibration.	Immediately turn off appliance. Consult a qualified technician for diagnosis and replacement if necessary.

Problem	Possible Cause	Solution
Wiring/Capillary Damage	Contact with high heat, physical damage.	Ensure proper routing away from heat sources. Replace thermostat if capillary or wiring is damaged.

For issues not listed or if troubleshooting steps do not resolve the problem, contact a qualified service technician.

SPECIFICATIONS

- **Model:** A11101
- **Brand:** American Range
- **Part Type:** Thermostat (Bj Griddle/Gas Oven)
- **Item Weight:** Approximately 0.71 Pounds (11.4 ounces)
- **Product Dimensions:** Approximately 5 x 10 x 10 inches (packaging/overall)
- **UPC:** 785577568220
- **Batteries Required:** No

WARRANTY INFORMATION

This American Range A11101 Thermostat is a genuine OEM replacement part. Using genuine OEM parts is crucial for maintaining the warranty of your American Range appliance. Specific warranty terms for the part itself are typically covered under the original appliance's warranty or a limited manufacturer's warranty for replacement parts. Please refer to your original appliance documentation or contact American Range customer support for detailed warranty information.

CUSTOMER SUPPORT

For technical assistance, service inquiries, or to purchase additional genuine American Range parts, please contact American Range customer support or an authorized service provider.

American Range Official Website: www.americanrange.com

Note: Always provide your appliance model and serial number when contacting support for faster service.

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.

Name

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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