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› Amesias 489P3 High Limit Thermostat and Plate Kit for Speed Queen Dryer Instruction Manual

Amesias AP4052097

Amesias 489P3 High Limit Thermostat and Plate Kit Instruction Manual

For Speed Queen Dryers

1. INTRODUCTION

This manual provides detailed instructions for the installation and maintenance of the Amesias 489P3 High Limit Thermostat and Plate Kit. This kit is designed as a replacement part for various Speed Queen dryer models, ensuring safe and efficient operation of your appliance. Please read all instructions carefully before proceeding with installation.

2. IMPORTANT SAFETY INFORMATION

WARNING: Before attempting any repairs or installations, always disconnect the dryer from its power source (unplug it or turn off the circuit breaker). Failure to do so can result in electric shock, injury, or death.

Working with electrical appliances can be dangerous. If you are unsure about any step, it is recommended to consult a qualified appliance repair technician.

Always wear appropriate personal protective equipment, such as gloves, during installation.

Does your part fit?



Many replacement parts
look the same
but won't fit your model.

Don't be fooled!

Check your
model number
before you buy.

Before proceeding with installation, it is crucial to verify that this part is compatible with your specific dryer model. Many replacement parts may appear similar but are not interchangeable. Always confirm compatibility using your dryer's model number.

3. COMPATIBILITY

This 489P3 High Limit Thermostat and Plate Kit replaces the following part numbers: **AP4052097, PS2044484, 56221, 58366, 61886, 867, AH2044484, EA2044484, R0611004, R0611015, Y61886.**

It is compatible with a wide range of Speed Queen dryer models, including but not limited to:

- sed4115, 4210, 4260, sgd4510-DNB
- AG3219-MAC, AG3419-MAC, AG4119-MAC, AG4219-MAC, AG4419-MAC, AG5119-MAC, AG5219-MAC, AG5419-MAC
- AG7139-MAC, AG7239-MAC, AG9139-MAC, AG9239-MAC, AG9439-MAC
- AGE939-MAC, AGE959-MAC, AGM339-MAC, AGM359-MAC, AGM439-MAC, AGM459-MAC, AGM639-MAC, AGM659-MAC
- KG5319-MAC, KG5519-MAC, KG6539-MAC
- NG2119-MAC, NG3319-MAC, NG3519-MAC, NG4319-MAC, NG4519-MAC, NG4619-MAC, NG4719-MAC, NG4819-MAC
- NG5319-MAC, NG5519-MAC, NG6319-MAC, NG6339-MAC, NG6519-MAC, NG6539-MAC, NG6619-MAC, NG6819-MAC

- NG7319-MAC, NG7519-MAC, NG8339-MAC, NG8539-MAC, NG8639-MAC, NG8839-MAC
- VG3019-MAC, VG5019-MAC
- And many more. Always cross-reference with your dryer's specific model number.

4. PACKAGE CONTENTS

The Amesias 489P3 High Limit Thermostat and Plate Kit includes the following components:

- 1 x High Limit Thermostat
- 1 x Metal Adapter Plate
- 2 x Mounting Screws



The kit includes one high limit thermostat, one metal adapter plate, and two screws for secure mounting. These are the essential components for replacing the faulty part in your dryer.

5. INSTALLATION GUIDE

Follow these steps carefully to replace the high limit thermostat in your Speed Queen dryer.

1. **Disconnect Power:** Unplug the dryer from the electrical outlet or turn off the circuit breaker supplying power to the dryer. This is a critical safety step.
2. **Access the Thermostat:** Depending on your dryer model, you may need to remove the back panel, front panel, or top panel to access the heating element housing where the high limit thermostat is located. Refer to your dryer's specific service manual for panel removal instructions.
3. **Locate the Old Thermostat:** The high limit thermostat is typically a small, round component with two wire terminals, often mounted on the heating element housing or blower housing. It may be secured with screws.
4. **Disconnect Wires:** Carefully pull the wires off the terminals of the old thermostat. Note their positions if they are not identical.
5. **Remove Old Thermostat:** Unscrew and remove the old thermostat and its adapter plate (if present).

6. **Install New Thermostat:** Place the new high limit thermostat onto the metal adapter plate. Secure them to the dryer using the provided mounting screws. Ensure it is firmly attached.



This image displays the high limit thermostat and the adapter plate, along with the mounting screws, as they would appear during installation. A diagram in the background indicates the part number location and general assembly.

7. **Reconnect Wires:** Attach the wires to the terminals of the new thermostat. Ensure a snug connection.
8. **Reassemble Dryer:** Reattach any panels that were removed, ensuring all screws are tightened and panels are securely in place.
9. **Restore Power:** Plug the dryer back into the electrical outlet or turn on the circuit breaker.
10. **Test Operation:** Run a short cycle on your dryer to confirm proper operation and ensure there are no issues.

6. OPERATING PRINCIPLE

The high limit thermostat is a crucial safety device in your dryer. Its primary function is to monitor the temperature within the dryer's heating element housing. If the temperature exceeds a predetermined safe limit, the thermostat will automatically open its electrical contacts, cutting off power to the heating element. This prevents overheating, which could damage the dryer or pose a fire hazard. Once the temperature drops to a safe level, the thermostat's contacts will close, allowing the heating element to resume operation. This part is not user-adjustable and operates automatically.

7. MAINTENANCE

The high limit thermostat itself does not require specific maintenance. However, to ensure its proper function and the overall safety of your dryer, regular maintenance of the dryer is recommended:

- **Clean Lint Filter:** Clean the lint filter before or after every load to maintain proper airflow.
- **Inspect Venting:** Periodically check and clean the dryer's exhaust vent system to prevent lint buildup, which can restrict airflow and cause overheating.
- **Avoid Overloading:** Do not overload the dryer, as this can impede airflow and lead to higher operating temperatures.

8. TROUBLESHOOTING

If your dryer is experiencing issues after replacing the high limit thermostat, consider the following:

- **Dryer Not Heating:** Double-check all wire connections to the thermostat. Ensure they are secure and correctly attached. Verify that the heating element itself is not faulty.
- **Dryer Overheating:** This is less likely with a new high limit thermostat, but if it occurs, immediately disconnect power. Check for obstructions in the dryer's vent system or a faulty cycling thermostat.
- **No Power to Dryer:** Ensure the dryer is properly plugged in and the circuit breaker has not tripped.

If problems persist, it is advisable to consult a professional appliance repair technician.

9. SPECIFICATIONS

Attribute	Value
Part Number	AP4052097
Item Weight	1.6 ounces
Included Components	High Limit Thermostat, Adapter Plate, Screws
Manufacturer	Amesias

10. WARRANTY INFORMATION

This Amesias 489P3 High Limit Thermostat and Plate Kit comes with a **6-month warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims or further details, please contact the seller or manufacturer directly.

11. SUPPORT

For technical assistance, troubleshooting beyond this guide, or questions regarding your Amesias 489P3 High Limit Thermostat and Plate Kit, please refer to the contact information provided by your retailer or the manufacturer. Always provide your product model number and purchase details when seeking support.