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UpStart Components AP-8544771-DL102

UpStart Components 8544771 Dryer Heating Element Replacement User Manual

Model: AP-8544771-DL102

1. Introduction

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your UpStart Components 8544771 Dryer Heating Element. This replacement part is designed for compatibility with various dryer models, including Kenmore/Sears 11087892601 dryers. Please read this manual thoroughly before attempting any installation or repair to ensure safe and correct usage.

2. Safety Information

WARNING: Always disconnect power to the dryer before attempting any service or repair. Failure to do so can result in electric shock, injury, or death.

- Ensure the dryer is unplugged from the electrical outlet or the circuit breaker is turned off before beginning any work.
- Wear appropriate personal protective equipment, such as gloves, to prevent injury.
- If you are unsure about any step of the installation process, consult a qualified appliance repair technician.
- Keep children and pets away from the work area.
- Handle the heating element carefully to avoid damage to the coils.

3. Product Overview

The UpStart Components 8544771 Dryer Heating Element is a crucial component responsible for generating heat within your electric dryer. This replacement part is designed to restore proper heating function to your appliance, addressing issues such as extended drying times, insufficient heat, or no heat at all.

Key Features:

- **Compatibility:** Designed to replace part numbers WP8544771, AP6013115, 8544771, and PS11746337. Compatible with various Kenmore/Sears dryer models, including 11087892601.
- **Performance:** Engineered for reliable and consistent heating performance.
- **Durability:** Constructed with quality materials for long-lasting operation.

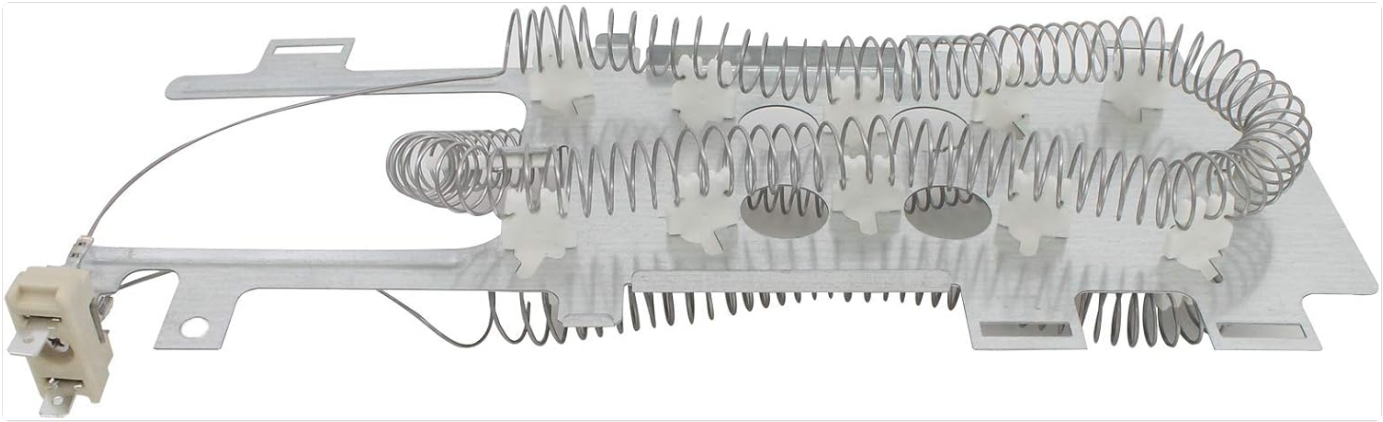


Figure 3.1: Top view of the 8544771 Dryer Heating Element, showing the coiled heating elements and mounting bracket.

Before installation, always verify that this part matches your original heating element to ensure correct fitment and function.

4. Installation (Setup)

The following steps provide a general guide for replacing a dryer heating element. Specific procedures may vary depending on your dryer model. Refer to your dryer's service manual for detailed instructions if available.

1. **Disconnect Power:** Unplug the dryer from the wall outlet or turn off the circuit breaker supplying power to the dryer.
2. **Access the Heating Element:** Depending on your dryer model, you may need to remove the back panel, front panel, or top panel to access the heating element housing. This often involves removing screws and disconnecting wire harnesses.
3. **Locate the Old Heating Element:** The heating element is typically housed in a metal chamber. Carefully note the position and wiring connections of the existing element.
4. **Disconnect Wiring:** Disconnect all electrical wires connected to the old heating element. Take a photo or make a diagram of the connections for reassembly.
5. **Remove Old Element:** Unmount and carefully remove the old heating element from its housing.
6. **Install New Element:** Position the new UpStart Components 8544771 heating element into the housing, ensuring it is securely mounted.
7. **Reconnect Wiring:** Reconnect all electrical wires to the new heating element exactly as they were on the old one. Ensure all connections are secure.
8. **Reassemble Dryer:** Reattach any panels, lint screens, and other components that were removed. Ensure all screws are tightened.
9. **Test Operation:** Plug the dryer back into the outlet or turn on the circuit breaker. Run a short, unheated cycle first to check for any unusual noises or smells. Then, run a heated cycle to confirm the element is heating properly.

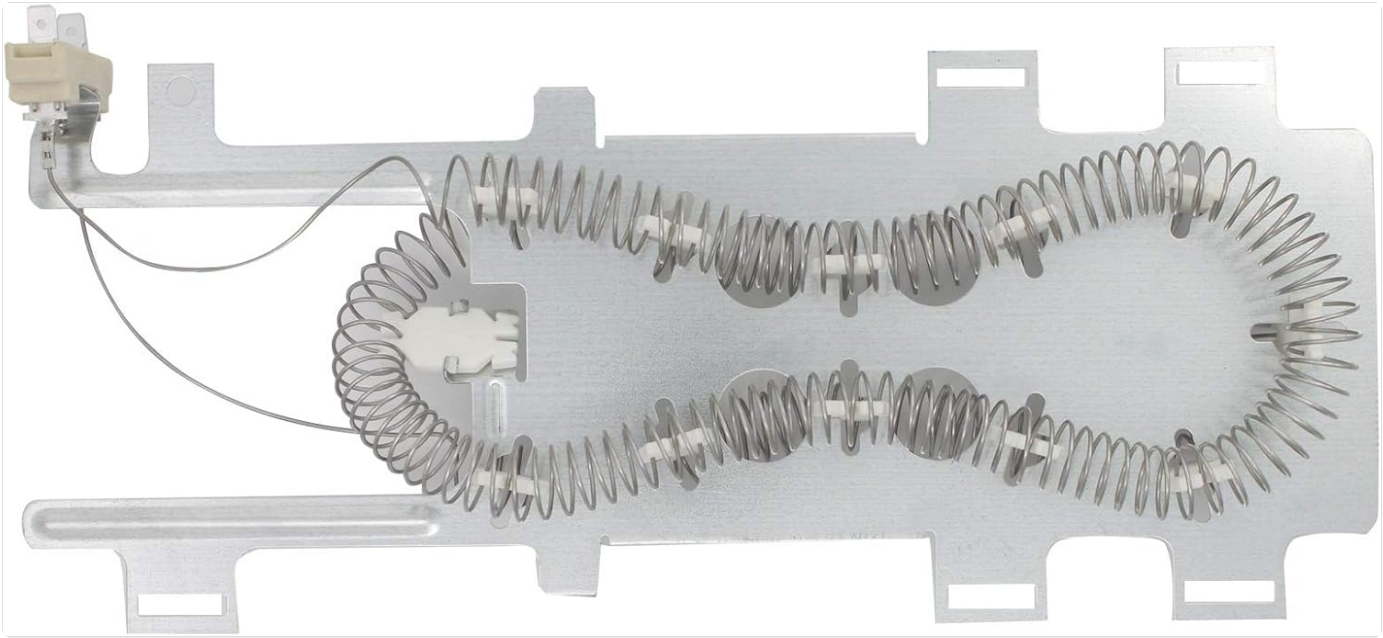


Figure 4.1: Angled view of the heating element, showing the terminal connections on the left side.

5. Operation

Once the new heating element is installed and tested, your dryer should operate as intended, providing consistent heat for efficient drying. Always follow your dryer manufacturer's instructions for loading, cycle selection, and general operation.

- Ensure the lint filter is clean before each load to maintain optimal airflow and heating efficiency.
- Avoid overloading the dryer, as this can hinder airflow and increase drying times, putting more strain on the heating element.

6. Maintenance

Proper maintenance of your dryer can extend the life of all its components, including the heating element.

- **Clean Lint Filter:** Clean the lint filter before every load. A clogged lint filter restricts airflow, causing the dryer to work harder and potentially overheat.
- **Inspect Dryer Vent:** Periodically inspect and clean the dryer vent system (from the dryer to the outside exhaust). Blockages can lead to longer drying times, overheating, and fire hazards.
- **Check for Airflow:** Ensure there is adequate space around the dryer for proper air circulation.

7. Troubleshooting

If you experience issues after installing the new heating element, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Dryer not heating	Blown thermal fuse or thermostat Faulty timer or control board Incorrect wiring connection	Check and replace any blown fuses or thermostats. Verify all wiring connections to the heating element are secure. Consult a technician if control board issues are suspected.

Problem	Possible Cause	Solution
Extended drying times	Clogged lint filter or vent Overloading the dryer Low voltage supply	Clean lint filter and dryer vent thoroughly. Reduce load size. Ensure dryer is on a dedicated circuit with proper voltage.
Dryer overheating	Restricted airflow Faulty thermostat or thermistor	Clean lint filter and vent. Inspect and replace faulty thermostats or thermistors.

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

8. Specifications

Brand	UpStart Components
Model Number	AP-8544771-DL102
Part Number	AP-8544771-DL102
Compatible Part Numbers	WP8544771, AP6013115, 8544771, PS11746337
Power Source	AC/DC
ASIN	B07QZBC8DW
Date First Available	April 19, 2019

9. Warranty and Support

This product is a replacement part manufactured by UpStart Components. Any warranties for this product are offered solely by UpStart Components and are not covered under any warranties offered by the original appliance manufacturers.

For warranty claims, technical support, or further assistance, please contact the seller or UpStart Components directly through your purchase platform or their official support channels.

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