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› UpStart Components 279834 Gas Dryer Coil Kit Replacement Manual

UpStart Components AP-279834-DL5396

UpStart Components 279834 Gas Dryer Coil Kit Replacement Manual

Model: AP-279834-DL5396

INTRODUCTION

This manual provides essential information for the installation, maintenance, and troubleshooting of the UpStart Components 279834 Gas Dryer Coil Kit. This kit is designed as a replacement part for gas dryers, specifically compatible with part number 58804B and other listed models. It is crucial to read and understand all instructions before attempting any installation or repair.

This product is an UpStart Components Brand replacement part and is not an OEM (Original Equipment Manufacturer) product. All mentions of brand names or model descriptions are made strictly to illustrate compatibility. This product is not affiliated with any original manufacturers and is not covered under their warranties.

SAFETY INFORMATION

WARNING: Disconnect power and gas supply to the dryer before beginning any repair or installation. Failure to do so can result in serious injury, electric shock, fire, or death.

- Always wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Ensure the work area is well-ventilated.
- If you are unsure about any step, consult a qualified technician.
- After installation, check for gas leaks using a soap and water solution. Do not use an open flame.
- Keep children and pets away from the work area.

PRODUCT OVERVIEW

The 279834 Gas Dryer Coil Kit typically includes two solenoid coils that are essential for the proper operation of your gas dryer's igniter and gas valve. These coils control the flow of gas to the burner assembly.



Components

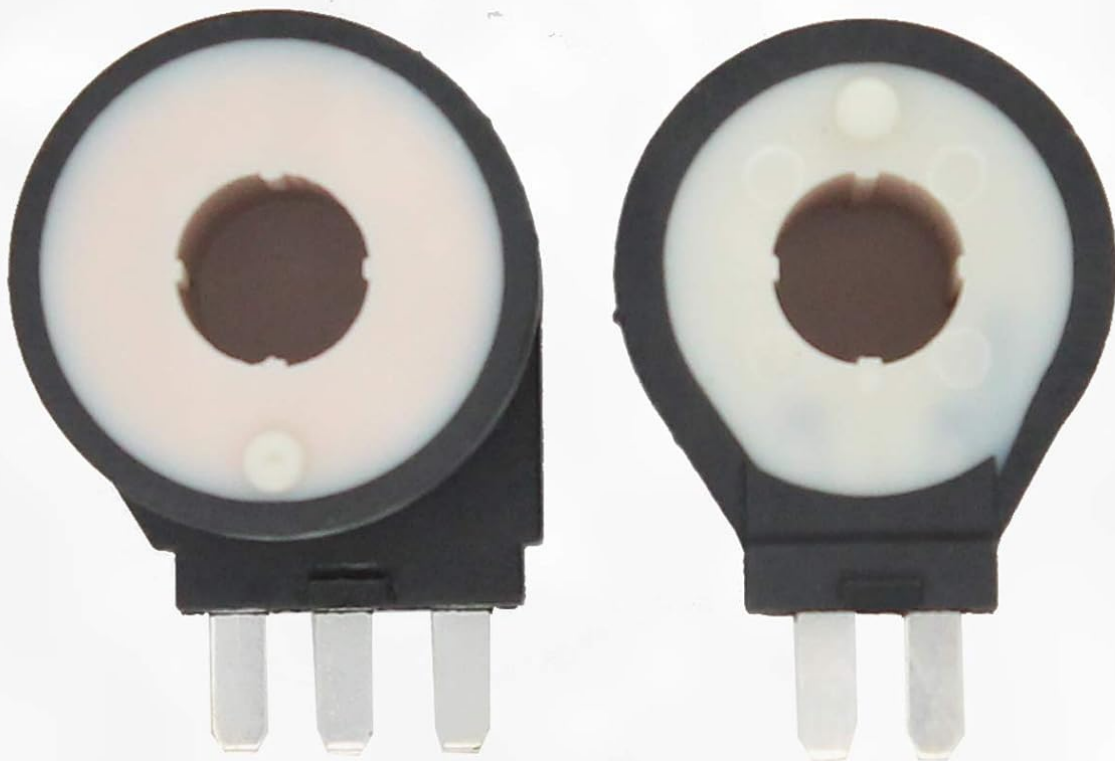


Figure 1: The UpStart Components 279834 Gas Dryer Coil Kit, showing both solenoid coils.

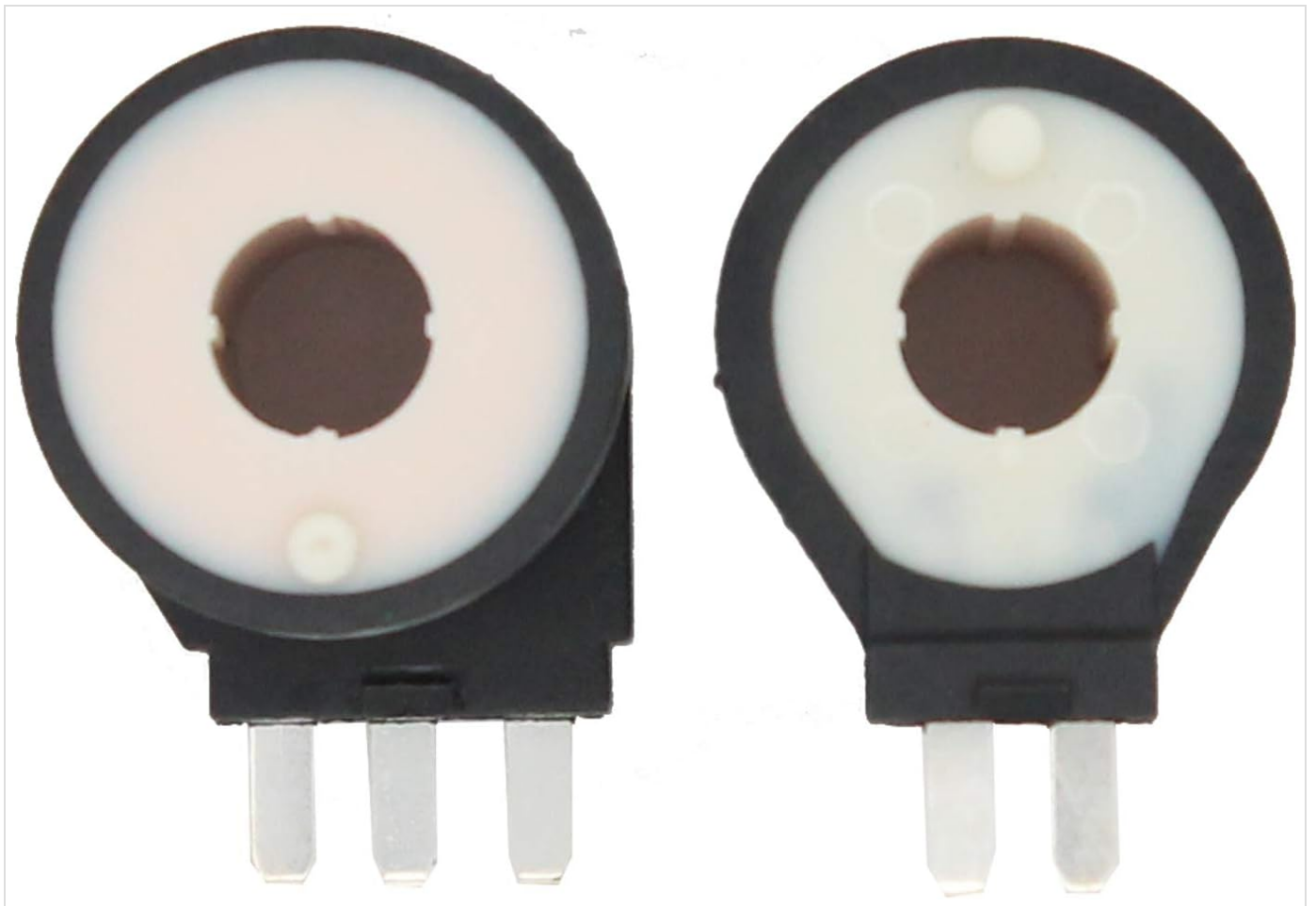


Figure 2: A closer view of the two distinct solenoid coils included in the kit, highlighting their connection terminals.



Figure 3: Side profile of the gas dryer solenoid coils, illustrating their compact design and electrical connectors.

INSTALLATION (SETUP)

Replacing the gas dryer coils requires careful attention. Follow these steps:

1. **Preparation:** Disconnect the dryer from the electrical outlet and turn off the gas supply valve. Pull the dryer away from the wall to access the rear panel.
2. **Accessing the Coils:** Depending on your dryer model, you may need to remove the rear panel, front panel, or top panel to access the gas valve assembly. Refer to your dryer's specific service manual for exact access instructions.
3. **Locate the Gas Valve:** Identify the gas valve assembly, which typically has the igniter and burner tube attached. The coils are usually mounted on top of or next to the gas valve.
4. **Remove Old Coils:** Carefully disconnect the electrical wires from the old coils. Note their positions. The coils are often held in place by clips or screws. Remove them.
5. **Install New Coils:** Place the new UpStart Components coils into their respective positions on the gas valve. Ensure they are seated correctly and secure them with any clips or screws. Reconnect the electrical wires to the new coils, ensuring a snug fit.
6. **Reassemble Dryer:** Reattach any panels removed during the process.
7. **Restore Utilities:** Turn on the gas supply valve and plug the dryer back into the electrical outlet.
8. **Test for Leaks:** Before operating, apply a soap and water solution to all gas connections you disturbed. If bubbles appear, there is a leak. Tighten connections until no bubbles are present.
9. **Test Operation:** Start the dryer on a heat cycle to confirm proper ignition and heating.

Note: This is a general guide. Specific dryer models may have variations in disassembly and reassembly.

OPERATING PRINCIPLE (OPERATING)

While the coils themselves do not have "operating" instructions in the traditional sense, understanding their function is key. The gas dryer coil kit consists of two main coils:

- **Igniter Coil:** When the dryer calls for heat, this coil receives an electrical signal, which opens a small valve allowing gas to flow to the igniter.
- **Main Valve Coil:** Once the igniter glows hot enough to ignite the gas, the main valve coil receives power, opening the main gas valve to allow a larger flow of gas to the burner, sustaining the flame.

These coils work in sequence to ensure safe and efficient gas ignition for the dryer's heating cycle.

MAINTENANCE

Gas dryer coils are not typically subject to routine maintenance. Their lifespan depends on usage and environmental factors. However, regular inspection of your dryer's gas system during other maintenance (e.g., lint trap cleaning, vent cleaning) can help identify potential issues early.

- **Visual Inspection:** Periodically inspect the coils and their wiring for any signs of wear, corrosion, or damage.
- **Performance Monitoring:** Pay attention to your dryer's heating performance. If it takes longer to dry clothes or fails to heat consistently, the coils might be failing.
- **Professional Check:** Consider having a qualified technician inspect your dryer's gas system every few years.

TROUBLESHOOTING

If your gas dryer is experiencing heating issues, the coils could be a potential cause. Here are common symptoms and troubleshooting steps related to the gas dryer coils:

Symptom	Possible Cause (Coil Related)	Solution
Dryer tumbles but no heat	Faulty igniter coil or main valve coil.	Test coils for continuity with a multimeter. Replace if open or shorted.
Dryer ignites briefly then goes out	Weak main valve coil not holding open.	Replace the coil kit.
Dryer takes too long to dry	Coils intermittently failing or not fully opening gas valve.	Inspect coils for signs of overheating or damage. Consider replacement.
Clicking sound but no ignition	Igniter coil not allowing gas flow to igniter.	Verify igniter is glowing. If not, test igniter coil.

Always ensure power and gas are disconnected before performing any diagnostic tests or repairs.

SPECIFICATIONS

- **Part Number:** AP-279834-DL5396
- **Compatible Part Numbers:** 279834, AP3094251, 12001349, 14202750, 14205025, 14210032, 14210725, 14210908, 279834BULK, 279834VP, 3-6105, 3-6106, 303558, 306103, 306105, 306106, 3479, 58804A, 58804B, 63-6614, 63-6615, 694539, 694540, AH334310, EA334310, F91-3889, F91-3890, K35-288, K35-355, K35-450, PS334310, R0610003, R0610050, SCA700
- **Manufacturer:** UpStart Components

- **Product Type:** Gas Dryer Coil Kit Replacement
- **Material:** Premium quality materials for long-lasting durability.

WARRANTY AND SUPPORT

Any warranties for this product are offered solely by UpStart Components. This product is not covered under any warranties offered by the original manufacturers of the appliances it is compatible with.

For support, inquiries, or warranty information regarding your UpStart Components 279834 Gas Dryer Coil Kit, please contact UpStart Components directly. Refer to the packaging or the retailer's website for specific contact details.

This replacement part is designed to be an affordable solution for common dryer problems, extending the life and performance of your appliance.

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Disclaimer: This is a replacement part. Not an OEM product.