

UpStart Components 279834

UpStart Components 279834 Gas Dryer Coil Kit Instruction Manual

Model: 279834

1. INTRODUCTION AND OVERVIEW

This manual provides instructions for the installation and use of the UpStart Components 279834 Gas Dryer Coil Kit. This kit is designed as a replacement part for compatible gas dryers, including the Maytag PYGT244AWW model. The coil kit is a critical component of the gas valve ignition system, responsible for regulating gas flow to the burner.

Please read this manual thoroughly before attempting any installation or repair. Proper installation is essential for safe and efficient operation of your dryer.

2. SAFETY INFORMATION

WARNING: Risk of Fire, Explosion, Electric Shock, or Injury.

- Always disconnect the dryer from its electrical power supply and turn off the gas supply valve before attempting any service or repair.
- Gas appliance repairs should only be performed by qualified and experienced technicians. If you are unsure about any step, consult a professional.
- Ensure proper ventilation when working with gas appliances.
- Check for gas leaks after reassembly using a soap and water solution (never an open flame).
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Keep children and pets away from the work area.

Failure to follow these safety instructions could result in property damage, personal injury, or death.

3. PACKAGE CONTENTS

The UpStart Components 279834 Gas Dryer Coil Kit typically includes the following:

- 1 x 3-terminal primary coil
- 1 x 2-terminal secondary coil



Image 1: Packaging of the UpStart Components 279834 Gas Dryer Coil Kit, showing the brand logo and the two coils.

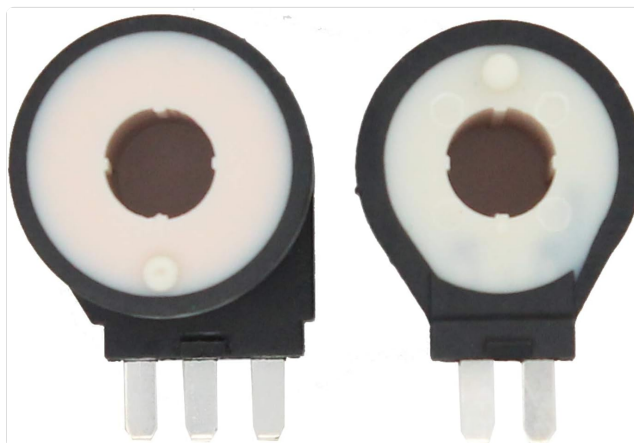


Image 2: A detailed view of the two gas dryer ignition solenoid coils, highlighting their terminal configurations.

4. COMPATIBILITY

This UpStart Components 279834 Gas Dryer Coil Kit is compatible with various dryer models, including but not limited to the Maytag PYGT244AWW Dryer. It is designed to replace original part number 279834 and other cross-referenced 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.

Always verify your dryer's model number and the required part number before purchasing and installing any replacement parts.

5. INSTALLATION INSTRUCTIONS

The following steps provide a general guide for replacing the gas dryer coil kit. Specific disassembly and reassembly procedures may vary depending on your dryer model. Refer to your dryer's service manual for detailed instructions.

Required Tools:

- Screwdrivers (Phillips and flathead)
- Nut drivers or wrenches
- Pliers
- Work gloves
- Safety glasses
- Soap and water solution (for leak testing)

Step-by-Step Guide:

1. **Disconnect Power and Gas:** Unplug the dryer from the electrical outlet and turn off the gas supply valve to the dryer.
2. **Access the Gas Valve Assembly:** Depending on your dryer model, you may need to remove the front panel, top panel, or rear panel to access the gas valve assembly. This often involves removing screws and disconnecting wire harnesses.
3. **Locate the Coils:** The ignition solenoid coils are typically mounted on the gas valve assembly. There are usually two coils: a 3-terminal primary coil and a 2-terminal secondary coil.
4. **Remove Old Coils:** Carefully disconnect the electrical terminals from the old coils. Note their orientation. The coils are usually held in place by clips or screws. Remove them.
5. **Install New Coils:** Install the new UpStart Components coils in the same orientation as the old ones. Ensure they are securely seated and the electrical terminals are firmly connected.
6. **Reassemble Dryer:** Reattach any panels, screws, and wire harnesses that were removed during disassembly.
7. **Reconnect Gas and Power:** Turn the gas supply valve back on. Plug the dryer back into the electrical outlet.
8. **Test for Gas Leaks:** Apply a soap and water solution to all gas connections. If bubbles appear, there is a leak. Tighten connections as necessary and retest. Do not operate the dryer if a gas leak is present.
9. **Test Dryer Operation:** Run a short cycle on the dryer to ensure proper ignition and heating.



Image 3: A side profile view of the two coils, showing their cylindrical shape and terminal connections.

6. FUNCTION AND OPERATION

The gas dryer coil kit consists of two solenoid coils that are integral to the gas valve assembly. When the dryer calls for heat, an electrical current is sent to these coils. The coils energize, creating a magnetic field that opens the gas valve, allowing gas to flow to the burner. The igniter then lights the gas, producing heat for drying. If these coils fail, the gas valve will not open, and the dryer will not heat.

7. MAINTENANCE

The UpStart Components 279834 Gas Dryer Coil Kit is a sealed component and does not require routine maintenance. Its lifespan is dependent on usage and environmental factors. If the coils fail, they must be replaced. Regular maintenance of your dryer, such as cleaning the lint trap and checking the exhaust vent, is recommended to ensure overall appliance longevity and efficiency.

8. TROUBLESHOOTING

If your gas dryer is not heating after replacing the coil kit, consider the following:

- **No Heat:** If the dryer tumbles but does not heat, the new coils may be faulty, or there could be an issue with other components in the ignition system (e.g., igniter, thermal fuse, flame sensor).
- **Gas Leak:** If you smell gas, immediately turn off the gas supply and power to the dryer. Do not operate the dryer. Check all gas connections for leaks using a soap and water solution.
- **Incorrect Installation:** Double-check that the coils are installed correctly and all electrical connections are secure. Ensure the 3-terminal and 2-terminal coils are in their correct positions.
- **Other Components:** The problem might lie with other dryer components not directly related to the coil kit. Consult a professional technician for further diagnosis.

9. SPECIFICATIONS

Attribute	Detail
Brand	UpStart Components

Part Number (UpStart Components)	AP-279834-DL96
Compatible OEM Part Number	279834
Product Type	Gas Dryer Ignition Solenoid Coil Kit
Compatibility	Maytag PYGT244AWW Dryer and other models requiring part 279834

10. WARRANTY AND SUPPORT

This UpStart Components product is a replacement part and is not affiliated with any original equipment manufacturers (OEMs). Any warranties for this product are offered solely by UpStart Components, not by the original dryer manufacturer.

For specific warranty details or technical support regarding this UpStart Components 279834 Gas Dryer Coil Kit, please refer to the documentation provided with your purchase or contact UpStart Components directly through their official support channels.