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UpStart Components DT-DC96-00887A-DC47-00016A-DL93

Instruction Manual

UPSTART COMPONENTS REPLACEMENT THERMAL FUSE KIT

Models: DC96-00887A & DC47-00016A

1. PRODUCT OVERVIEW

This manual provides instructions for the installation and safe handling of the UpStart Components Replacement Thermal Fuse Kit, designed for compatible Samsung dryers. This kit includes both the DC96-00887A and DC47-00016A thermal fuses, essential safety components that prevent dryer overheating.



Figure 1: Packaging of the UpStart Components Thermal Fuse Kit, showing both thermal fuses.

Thermal fuses are single-use safety devices that permanently open an electrical circuit when the temperature exceeds a safe limit, protecting the appliance from damage due to overheating. If your dryer is not heating or not starting, a blown thermal fuse may be the cause.

2. COMPATIBILITY

This thermal fuse kit is a compatible replacement for the following part numbers and is designed for use with various Samsung dryer models, including DV457EVGSGR/AA-0001.

- DC96-00887A
- DC47-00016A
- Compatible with part numbers: DC96-00887C, AP5966894, AP4201894, 2068545, PS4205213

Note: This is an UpStart Components Brand replacement part and is not an OEM (Original Equipment Manufacturer) product. Compatibility is stated for illustrative purposes.

3. SAFETY INFORMATION

WARNING: Before attempting any repair or installation on an appliance, always disconnect the appliance from its power source. Failure to do so can result in serious injury, electric shock, or death. If you are unsure about any step, consult a qualified technician.

- Ensure the dryer is unplugged from the wall outlet or the circuit breaker is turned off before beginning.
- Wear appropriate personal protective equipment, such as gloves, to prevent injury.
- Handle components carefully to avoid damage.
- Keep children and pets away from the work area.
- Properly dispose of old parts according to local regulations.

4. INSTALLATION INSTRUCTIONS

This section provides general steps for replacing thermal fuses in a dryer. Specific disassembly procedures may vary by dryer model. Refer to your dryer's service manual for detailed disassembly instructions.

1. **Disconnect Power:** Unplug the dryer from the electrical outlet or turn off the circuit breaker supplying power to the dryer.
2. **Access Components:** Depending on your dryer model, you may need to remove the back panel, top panel, or front panel to access the heating element housing and thermal fuses. Use appropriate tools (e.g., screwdriver, nut driver).
3. **Locate Thermal Fuses:** The thermal fuses are typically located near the heating element or blower housing. The DC96-00887A is a high-limit thermostat, and the DC47-00016A is a thermal fuse.



Figure 2: DC96-00887A Thermal Fuse (High-Limit Thermostat)



Figure 3: DC47-00016A Thermal Fuse

4. **Remove Old Fuses:** Carefully disconnect the wires attached to the old thermal fuses. Note their orientation if necessary. Remove any mounting screws or clips holding the fuses in place.
5. **Install New Fuses:** Attach the new UpStart Components thermal fuses in the same location and orientation as the old ones. Secure them with screws or clips and reattach the electrical wires. Ensure connections are snug.
6. **Reassemble Dryer:** Reattach any panels or components that were removed during disassembly. Ensure all screws are tightened and panels are securely in place.
7. **Test Dryer:** Reconnect the dryer to its power source. Run a short cycle to confirm proper operation and heating.

It is recommended to clean the dryer's lint trap and exhaust vent thoroughly during this process, as restricted airflow is a common cause of thermal fuse failure.

5. TROUBLESHOOTING

If your dryer still exhibits issues after replacing the thermal fuses, consider the following:

- **No Heat:** Check the heating element for continuity. A faulty heating element will prevent the dryer from producing heat.
- **Dryer Not Starting:** Verify that the door switch, motor, and other safety switches are functioning correctly.
- **Repeated Fuse Failure:** If the new thermal fuse blows shortly after installation, it indicates an underlying issue causing overheating. Common causes include:
 - Clogged dryer vent or lint trap.
 - Faulty heating element drawing too much current.
 - Malfunctioning cycling thermostat.
 - Blower wheel obstruction or failure.

- **Professional Assistance:** If you cannot identify or resolve the issue, it is advisable to contact a qualified appliance repair technician.

6. SPECIFICATIONS

Attribute	Detail
Product Type	Thermal Fuse Kit (Replacement Part)
Included Fuses	DC96-00887A (High-Limit Thermostat), DC47-00016A (Thermal Fuse)
Brand	UpStart Components
Manufacturer Part Number	DT-DC96-00887A-DC47-00016A-DL93
Compatibility	Samsung Dryers (e.g., DV457EVGSGR/AA-0001) and other models using specified part numbers.
Material	Ultra durable, high quality material

7. WARRANTY AND SUPPORT

This product is an UpStart Components Brand replacement part. Any warranties for this product are offered solely by UpStart Components. This product is not affiliated with any original equipment manufacturers (OEMs) and is not covered under any warranties offered by the original manufacturers.

For support or warranty inquiries, please contact UpStart Components directly through their official channels. Refer to the product packaging or the seller's information for specific contact details.