Kenmore Kenmore Dryers (Gas/Electric)

Do It Yourself Repair Manual

For Kenmore Dryers (Gas/Electric)

Easy-to-Follow Step-by-Step Repair Procedures and Illustrations

Introduction

This manual provides comprehensive, easy-to-follow instructions for diagnosing and repairing common issues in Kenmore Gas and Electric Dryers. It is designed for individuals with basic mechanical aptitude who wish to perform their own dryer maintenance and repairs, saving time and expense. The procedures are accompanied by illustrations to guide you through each step.
Refer to this manual for detailed guidance on identifying problems, accessing components, and performing necessary replacements or adjustments to restore your dryer's functionality.

Safety Precautions

Always prioritize safety when working with electrical appliances. Failure to follow these precautions can result in serious injury or damage to the appliance.

- **Disconnect Power:** Before performing any service or maintenance, always unplug the dryer from the electrical outlet or turn off the power at the circuit breaker. For gas dryers, also turn off the gas supply valve.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and safety glasses, to prevent injury from sharp edges, hot surfaces, or electrical components.
- **Ventilation:** Ensure adequate ventilation when working with gas appliances to prevent the buildup of fumes.
- **Proper Tools:** Use only the correct tools for each task to avoid damaging components or causing injury.
- **Component Handling:** Be careful when handling heavy or delicate components. Seek assistance if necessary.
- **Reassembly:** Ensure all components are correctly reassembled and secured before restoring power or gas supply.

Tools and Materials

Most repairs can be performed with common household tools. Specialized tools may be required for certain tasks, and these will be noted in the relevant sections.

- Screwdriver set (Phillips and flathead)
- Nut driver set or adjustable wrench
- Pliers (needle-nose and standard)
- Multimeter (for electrical testing)
- Work gloves
- Safety glasses
- Flashlight or work light
- Replacement parts (as needed)

Understanding Your Kenmore Dryer

Familiarity with the basic components and their functions will greatly assist in diagnosing and repairing your dryer. This manual covers both gas and electric models, highlighting differences where applicable.



Image: Front cover of the "Do It Yourself Repair Manual for Kenmore Dryers (Gas/Electric)". The cover features the title prominently, along with a line drawing of a dryer, indicating its focus on appliance repair.

Key components typically include the drum, motor, heating element (electric) or gas burner assembly (gas), blower fan, thermostat, thermal fuse, drive belt, and various sensors and controls. Each plays a critical role in the drying cycle.

Diagnostic Procedures (Troubleshooting)

This section outlines common dryer problems and systematic steps to identify the root cause. Always begin with the simplest checks before proceeding to more complex diagnostics.

Common Dryer Problems and Solutions

Problem	Possible Cause	Diagnostic/Repair Step

Problem	Possible Cause	Diagnostic/Repair Step
Dryer Not Starting	No power, faulty door switch, blown thermal fuse, faulty start switch.	Check power cord, circuit breaker. Test door switch continuity. Inspect thermal fuse. Test start switch.
Dryer Not Heating	Faulty heating element (electric), faulty igniter/gas valve (gas), tripped high-limit thermostat, clogged vent.	Inspect heating element/igniter. Test thermostats. Clean lint trap and exhaust vent.
Drum Not Turning	Broken drive belt, faulty motor, worn idler pulley.	Inspect drive belt for breakage. Test motor. Check idler pulley for free movement.
Excessive Noise	Worn drum rollers, faulty blower wheel, foreign objects in drum.	Inspect drum rollers. Check blower wheel for obstructions. Remove any foreign objects.

Repair Procedures

Detailed, step-by-step instructions for accessing and replacing specific components are provided within the manual. Each procedure includes clear illustrations to guide you through the process. Always refer to the specific page numbers for the component you are working on.

1. **Accessing Components:** Instructions on how to safely open the dryer cabinet and access internal parts.
2. **Component Removal:** Step-by-step guides for detaching faulty parts, including wiring and fasteners.
3. **Installation of New Parts:** Procedures for installing replacement components correctly and securely.
4. **Reassembly:** Guidance on putting the dryer back together, ensuring all connections are secure and panels are properly aligned.
5. **Testing:** Steps to test the dryer's functionality after repair to confirm the issue is resolved.

Preventative Maintenance

Regular maintenance can extend the life of your Kenmore dryer and prevent many common issues. Incorporate these simple tasks into your routine.

- **Clean Lint Filter:** Clean the lint filter before or after every load to maintain airflow and prevent fire hazards.
- **Inspect Exhaust Vent:** Periodically check and clean the dryer's exhaust vent and ductwork to ensure proper airflow and heating efficiency.
- **Check Drum Seals:** Inspect the drum seals for wear and tear. Worn seals can lead to heat loss and longer drying times.
- **Lubricate Moving Parts:** Some moving parts, such as idler pulleys or motor bearings, may require occasional lubrication as specified in the manual.
- **Examine Power Cord/Gas Line:** Regularly inspect the power cord for damage or the gas line for leaks (for gas models).

Manual Specifications

This section provides details about the repair manual itself.

Specification	Detail
Publisher	Sears, Roebuck, and Company
Edition	13th Edition, 2000

Specification	Detail
Language	English
Print Length	240 pages
Item Weight	12 ounces
ASIN	B00CNUAXSE

© 2000 Sears, Roebuck, and Company. All rights reserved. This manual is for informational purposes only.