

Fricpart-090209

Kenmore 11087983110 Dryer Motor Replacement (Fricpart-090209) Instruction Manual

1. PRODUCT OVERVIEW

This document provides comprehensive instructions for the safe and effective installation, operation, and maintenance of the Fricpart-090209 replacement dryer motor. This motor is designed as a compatible replacement for Kenmore dryer model 11087983110.

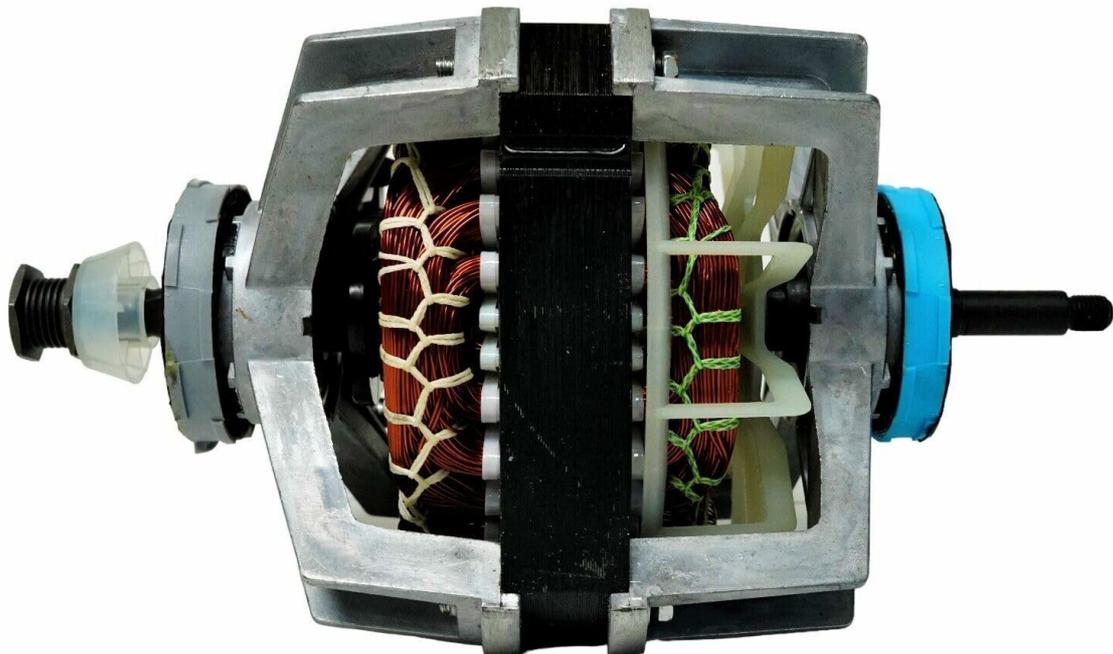


Image of the Fricpart-090209 replacement dryer motor, showing its general shape and connection points.

2. COMPATIBILITY VERIFICATION

The Fricpart-090209 replacement motor is specifically engineered for compatibility with Kenmore dryer model 11087983110. It is critical to verify your dryer's exact model number before attempting any installation. Appliance parts can appear similar, but precise model matching ensures correct fit and function, preventing potential damage or operational issues.

To locate your dryer's model number, consult the appliance's rating plate, typically found inside the dryer door, on the back panel, or near the control console.

3. SAFETY INFORMATION

Always prioritize safety when performing appliance repairs. Failure to follow these safety guidelines may result in personal injury or property damage.

- **Disconnect Power:** Before beginning any work, always unplug the dryer from its power source or turn off the circuit breaker supplying power to the appliance.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as work gloves, to protect your hands from sharp edges or components.
- **Professional Assistance:** If you are unfamiliar with appliance repair procedures, it is highly recommended to seek assistance from a qualified technician.
- **Handle with Care:** Motors can be heavy. Lift and handle the motor carefully to avoid injury.
- **Electrical Connections:** Ensure all electrical connections are secure and correctly wired according to the original appliance configuration.

4. INSTALLATION (SETUP)

This section outlines the general steps for replacing a dryer motor. Specific disassembly and reassembly procedures may vary slightly depending on your exact dryer model. Refer to your dryer's service manual for detailed instructions if available.

1. **Prepare the Dryer:** Ensure the dryer is unplugged and moved to an area with sufficient workspace.
2. **Access the Motor:** Depending on your dryer's design, you may need to remove the top panel, front panel, or rear panel to gain access to the motor compartment. This often involves removing screws and disconnecting wire harnesses.
3. **Document Connections:** Before disconnecting any wires or components from the old motor, take clear photographs or make detailed diagrams of all electrical connections and mounting positions. This will aid in correct reassembly.
4. **Remove Old Motor:** Disconnect all electrical wires, belts, and mounting hardware securing the old motor. Carefully remove the old motor from the dryer chassis.
5. **Install New Motor:** Position the Fricpart-090209 replacement motor in the same location as the old motor. Secure it using the original mounting hardware.
6. **Reconnect Components:** Reattach the drive belt to the motor pulley and drum. Reconnect all electrical wires to the new motor, referring to your documented connections. Ensure all connections are tight and secure.
7. **Reassemble Dryer:** Carefully reassemble any panels or components that were removed to access

the motor. Ensure all screws are tightened and panels are properly aligned.

5. POST-INSTALLATION CHECK (OPERATING)

After completing the installation, perform the following checks before regular use:

1. **Visual Inspection:** Double-check all connections and ensure no tools or loose parts are left inside the dryer.
2. **Restore Power:** Plug the dryer back into its power source or restore power at the circuit breaker.
3. **Test Run:** Select a short, unheated cycle (e.g., air fluff) and start the dryer. Listen for any unusual noises, vibrations, or burning smells. Observe if the drum rotates smoothly.
4. **Heated Cycle Test:** If the initial test is successful, run a short heated cycle to confirm proper operation of all components.

If any issues are observed, immediately disconnect power and refer to the troubleshooting section.

6. MAINTENANCE

The Fricpart-090209 dryer motor is designed for long-term reliability with minimal maintenance. However, periodic inspection can help ensure its longevity and optimal performance.

- **Clean Lint:** Regularly clean the dryer's lint filter and periodically inspect the dryer's internal ducts for lint buildup, as excessive lint can restrict airflow and cause the motor to overheat.
- **Inspect Belt:** Periodically check the drive belt for signs of wear, cracking, or fraying. A worn belt can cause the motor to work harder or fail to turn the drum.
- **Listen for Noises:** Pay attention to any changes in the dryer's operating sounds. Unusual noises from the motor area could indicate a developing issue.

7. TROUBLESHOOTING

If you encounter issues after installing the replacement motor, consider the following common problems and solutions:

- **Dryer Does Not Start or Drum Does Not Turn:**
 - Ensure the dryer is plugged in and the circuit breaker is on.
 - Check if the dryer door is fully closed.
 - Verify all electrical connections to the motor are secure.
 - Inspect the drive belt for proper tension and ensure it is not broken or dislodged.
 - Check for tripped thermal fuses or broken door switches, which can prevent the motor from receiving power.
- **Unusual Noises (Grinding, Squealing):**
 - Disconnect power and inspect the motor for any obstructions.
 - Check the idler pulley and drum rollers for wear or damage.
 - Ensure the motor is securely mounted and not vibrating against other components.
- **Dryer Runs but Does Not Heat:**
 - While the motor's primary function is drum rotation, issues with airflow (which the motor's blower fan contributes to) can affect heating. However, heating issues are more commonly related to

the heating element, thermal fuses, or thermostat.

- Consult your dryer's service manual for specific troubleshooting steps related to heating.

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

8. SPECIFICATIONS

Product Model	Fricpart-090209
Compatible Kenmore Model	11087983110
Part Number (OEM Equivalent)	11087983110
Brand	Generic
Manufacturer	Fricparts
ASIN	B0FJDLDQB7

9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the retailer's website where the product was purchased or contact the manufacturer directly. Specific warranty terms and conditions may vary.