

CFLE3900UW1

Dryer Belt Replacement Instructions

For White-Westinghouse Model: CFLE3900UW1

Part Number: Fricpart-155792

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective replacement of the dryer belt for the White-Westinghouse CFLE3900UW1 dryer model. Please read all instructions carefully before beginning the replacement process.

2. SAFETY PRECAUTIONS

Always prioritize safety when performing appliance repairs. Failure to follow these precautions may result in injury or damage to the appliance.

- **Disconnect Power:** Before starting any work, ensure the dryer is unplugged from the electrical outlet or the circuit breaker is turned off.
- **Wear Protective Gear:** Use work gloves to protect your hands from sharp edges and safety glasses to protect your eyes.
- **Proper Lifting:** If the dryer needs to be moved or tilted, use proper lifting techniques or seek assistance to prevent injury.
- **Ventilation:** Ensure the work area is well-ventilated.

3. TOOLS REQUIRED

The following tools are typically needed for dryer belt replacement:

- Screwdriver set (Phillips and flathead)
- Nut driver set or socket wrench set
- Pliers
- Work gloves
- Flashlight (optional, for better visibility)

4. INSTALLATION STEPS

Follow these steps to replace the dryer belt:



This image displays the replacement dryer belt, coiled for packaging. Visible markings on the belt include part numbers 137292700 and 4 PH 2273, indicating its specifications and origin.

- 1. Access the Dryer Interior:** Depending on your specific dryer model, you may need to remove the top panel, front panel, or both. Refer to your dryer's service manual for exact panel removal instructions. Typically, screws are located along the back or inside the door frame.
- 2. Locate the Drum and Motor:** Once the panels are removed, you will see the dryer drum, the motor, and the idler pulley assembly. The old belt, if still present, will be wrapped around the drum and the motor pulley.
- 3. Remove the Old Belt:** If the old belt is broken, remove any remaining pieces. If it is still intact, release the tension from the idler pulley to remove the belt from the motor pulley and then from the drum.
- 4. Position the New Belt:** Carefully wrap the new belt (as shown in the image above) around the dryer drum. Ensure the ribbed side of the belt faces the drum.
- 5. Route the Belt to the Motor and Idler Pulley:** Route the belt down to the motor pulley. The belt should go around the motor pulley and then under the idler pulley. The idler pulley applies tension to the belt.
- 6. Apply Tension:** Push the idler pulley assembly to create tension on the belt, ensuring it is securely seated on both the motor pulley and the drum. The belt should be taut but not overly stretched.
- 7. Verify Belt Alignment:** Rotate the drum manually a few times to ensure the belt is properly aligned and does not slip off the pulleys.
- 8. Reassemble the Dryer:** Reattach all panels and secure them with the removed screws. Ensure all connections are tight.
- 9. Restore Power:** Plug the dryer back into the electrical outlet or turn on the circuit breaker.

5. POST-INSTALLATION CHECK

After replacing the belt, perform a test run to ensure proper operation:

- Run a short cycle with a small load of clothes.
- Listen for any unusual noises, such as squealing or grinding.
- Observe if the drum rotates smoothly and consistently.
- If any issues arise, disconnect power and re-check the belt installation and pulley alignment.

6. MAINTENANCE

Regular maintenance can extend the life of your dryer and its components:

- **Inspect Annually:** Periodically inspect the dryer belt for signs of wear, cracks, or fraying.
- **Clean Lint Filter:** Clean the lint filter after every load to maintain airflow and prevent strain on the motor and belt.
- **Check Venting:** Ensure the dryer vent is clear of obstructions to prevent overheating, which can degrade belt material.

7. TROUBLESHOOTING

If you encounter problems after belt replacement, refer to the following table:

Problem	Possible Cause	Solution
Dryer runs but drum does not turn	Belt not properly installed or slipped off pulley	Disconnect power, re-open dryer, and verify belt routing and tension.
Squealing noise during operation	Belt rubbing against a component or idler pulley issue	Disconnect power, check belt alignment. Inspect idler pulley for wear or damage.
Dryer does not start	Power issue, door switch, or other electrical component	Ensure dryer is plugged in and circuit breaker is on. Check door switch for proper function. This issue may not be belt-related.

8. SPECIFICATIONS

- **Compatible Dryer Model:** White-Westernhouse CFLE3900UW1
- **Replacement Part Number:** Fricpart-155792
- **Belt Markings:** 137292700, 4 PH 2273
- **Item Package Quantity:** 1
- **Color:** Black

9. WARRANTY AND SUPPORT

For warranty information regarding this replacement part, please refer to the original purchase documentation or contact the seller directly. For technical support related to your White-Westernhouse dryer, please consult the dryer's original manufacturer manual or their official support channels.

