

## Whirlpool W10198086

# Whirlpool W10198086 Dryer Drum Belt Instruction Manual

Model: **W10198086** | Brand: **Whirlpool**

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Whirlpool W10198086 Dryer Drum Belt. This genuine replacement part is designed to ensure the efficient and reliable operation of your dryer by facilitating the rotation of the dryer drum.

The dryer drum belt is a critical component that connects the drive motor to the dryer drum, allowing it to tumble clothes during the drying cycle. Regular inspection and timely replacement of this belt are crucial for maintaining your appliance's performance.

## 2. SAFETY INFORMATION

**WARNING: Before attempting any installation or maintenance, ensure the dryer is completely disconnected from its power source to prevent electric shock or injury. Always wear appropriate personal protective equipment, such as gloves, during the repair process.**

If you are unsure about any step, it is recommended to consult a qualified appliance technician.

## 3. INSTALLATION (SETUP)

The following steps outline a general procedure for replacing a dryer drum belt. Specific disassembly and reassembly steps may vary depending on your dryer model. Refer to your dryer's specific service manual for detailed instructions if available.

- 1. Disconnect Power:** Unplug the dryer from the electrical outlet or turn off the circuit breaker supplying power to the dryer.
- 2. Access the Dryer Interior:** Depending on your dryer model, you may need to remove the top panel, front panel, or rear panel to gain access to the dryer drum and motor assembly. This often involves removing screws and clips.

3. **Locate the Old Belt:** Identify the existing drum belt, which will be wrapped around the dryer drum and typically routed around a motor pulley and an idler pulley.
4. **Remove the Old Belt:** Carefully release the tension on the idler pulley (usually by pushing it) and slide the old belt off the motor pulley and idler pulley. Then, remove the belt from around the dryer drum.
5. **Install the New Belt:**
  - Position the new Whirlpool W10198086 belt around the dryer drum. Ensure the ribbed side of the belt faces the drum.
  - Route the belt around the motor pulley and the idler pulley. The idler pulley typically applies tension to the belt. Ensure the belt is properly seated on all pulleys.
6. **Verify Belt Tension:** Once installed, the belt should be taut but not overly tight. Rotate the drum manually to ensure the belt tracks correctly and does not slip.
7. **Reassemble the Dryer:** Reattach any panels, screws, and clips that were removed during disassembly.
8. **Restore Power:** Plug the dryer back into the electrical outlet or turn on the circuit breaker.
9. **Test Operation:** Run a short cycle to confirm the dryer drum tumbles correctly and there are no unusual noises.



*Image 1: The Whirlpool W10198086 Dryer Drum Belt. This image shows the ribbed side of the belt, which typically makes contact with the motor pulley and idler pulley, and the smooth side, which contacts the dryer drum.*

## 4. OPERATING PRINCIPLES

The Whirlpool W10198086 dryer drum belt is a passive component that facilitates the mechanical operation of your dryer. When the dryer's motor activates, it rotates a small pulley. The belt transfers this rotational energy to the larger dryer drum, causing it to tumble. This tumbling action, combined with heated air, efficiently dries your laundry.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your dryer, periodic inspection of the drum belt is recommended:

- **Visual Inspection:** During any dryer maintenance or repair, visually inspect the belt for signs of wear, such as cracks, fraying, stretching, or glazing.
- **Tension Check:** Ensure the belt maintains proper tension. A loose belt can slip, leading to inefficient tumbling or no tumbling at all.
- **Replacement:** If the belt shows significant signs of wear or damage, replace it immediately with a genuine Whirlpool W10198086 belt to prevent further damage to your appliance and ensure proper operation.

## 6. TROUBLESHOOTING

If your dryer is experiencing issues related to drum rotation, the belt may be a contributing factor. Consider the following common scenarios:

- **Dryer Not Tumbling:** If the motor runs but the drum does not rotate, the belt is likely broken, slipped off the pulleys, or severely stretched. Inspect the belt and replace if broken or improperly seated.
- **Squealing or Squeaking Noise:** A squealing noise during operation can indicate a worn or glazed belt, or a faulty idler pulley. Inspect the belt for glazing or cracks. If the belt appears fine, the idler pulley might need lubrication or replacement.
- **Burning Smell:** A burning smell can occur if the belt is slipping excessively due to wear or if it is rubbing against another component. Immediately discontinue use and inspect the belt and surrounding components.

## 7. SPECIFICATIONS

|                              |  |
|------------------------------|--|
| <b>Manufacturer</b>          | Whirlpool  |
| <b>Part Number</b>           | W10198086  |
| <b>Item Weight</b>           | 2.11 ounces  |
| <b>Product Dimensions</b>    | 1.5 x 2.5 x 3.5 inches                                       |
| <b>Compatible Appliances</b> | Dryer Appliances (various Whirlpool, Maytag, Kenmore models) |
| <b>UPC</b>                   | 842740052976   |

## 8. WARRANTY AND SUPPORT

This Whirlpool W10198086 Dryer Drum Belt is a genuine replacement part. For specific warranty information regarding this component, please refer to the documentation provided with your original dryer.

appliance or contact Whirlpool customer support directly.

For technical assistance, troubleshooting advice, or to locate authorized service providers, please visit the official Whirlpool website or contact their customer service department:

- **Whirlpool Official Website:** [www.whirlpool.com](http://www.whirlpool.com)
- **Customer Support:** Refer to your region-specific Whirlpool contact information.

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