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Thorens Compatible TD-104

Thorens TD-104 Turntable Flat Traction Belt Instruction Manual

INTRODUCTION

This document provides essential information and instructions for the Thorens TD-104 turntable flat traction belt. This belt is a critical component for the proper operation of your Thorens TD-104 turntable, ensuring stable platter rotation and optimal audio playback. Adhering to these instructions will help maintain the longevity and performance of your turntable.

PRODUCT OVERVIEW

The flat traction belt for the Thorens TD-104 turntable is engineered to provide precise power transmission from the motor to the platter. Manufactured from high-quality natural rubber, it is designed to absorb motor vibrations effectively, contributing to a cleaner audio signal. The belt's dimensions are specifically tailored for the Thorens TD-104 model, ensuring a correct fit without undue tension on the turntable's mechanics.

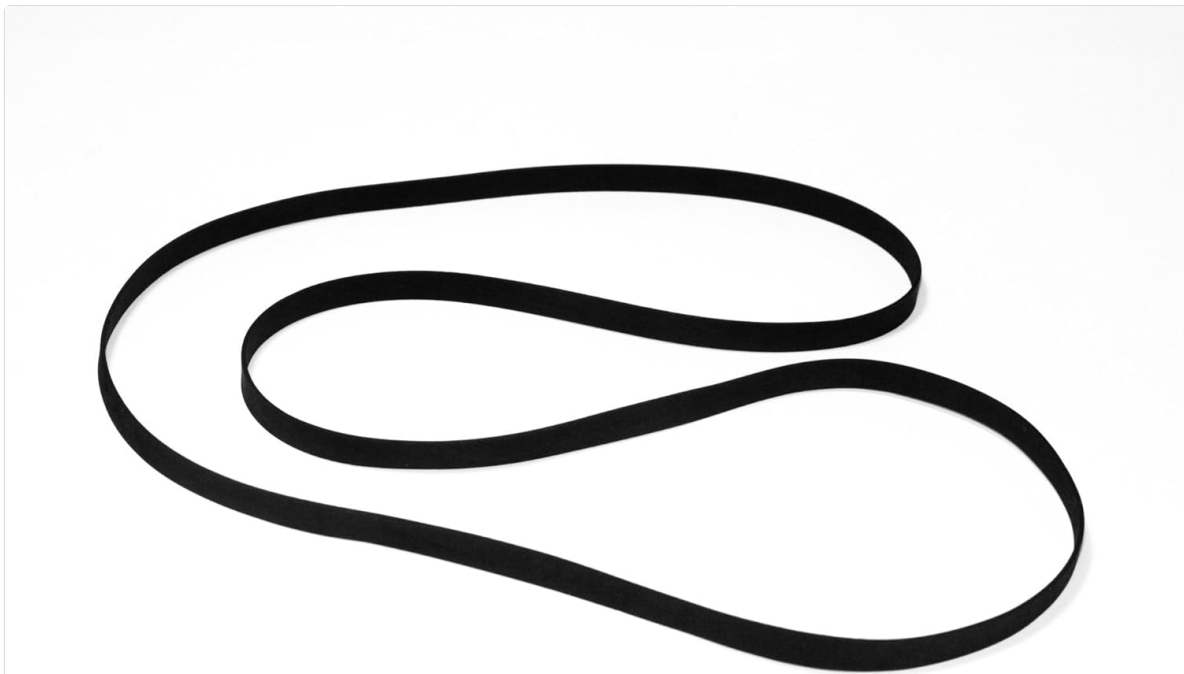


Image: A black flat traction belt, coiled loosely on a white background, illustrating its material and form. This belt is designed for the Thorens TD-104 turntable.

INSTALLATION INSTRUCTIONS

Proper installation of the flat traction belt is crucial for the performance and longevity of your Thorens TD-104 turntable. Follow these steps carefully:

1. **Preparation:** Ensure the turntable is powered off and unplugged from the electrical outlet. Carefully remove the turntable platter to expose the sub-platter and motor pulley.
2. **Old Belt Removal (if applicable):** If replacing an existing belt, gently lift and remove the old belt from both the motor pulley and the sub-platter. Dispose of the old belt responsibly.
3. **New Belt Placement:** Take the new flat traction belt. Carefully loop it around the motor pulley first.
4. **Sub-Platter Engagement:** Guide the belt from the motor pulley onto the rim of the sub-platter. Ensure the belt sits evenly and without twists. The belt is designed for a precise fit; avoid stretching it excessively during installation, as this can damage the belt and the turntable's mechanics.
5. **Platter Reinstallation:** Once the belt is correctly seated, carefully place the main platter back onto the spindle, ensuring it aligns properly.
6. **Testing:** Plug in and power on the turntable. Select a speed (e.g., 33 RPM) and observe the platter rotation. It should rotate smoothly and consistently.

Note: The belt is smoothed on both sides, so there is no specific mounting direction.

FUNCTIONALITY AND BENEFITS

The flat traction belt plays a vital role in the acoustic performance of your Thorens TD-104 turntable. Its primary functions and benefits include:

- **Vibration Absorption:** The natural rubber composition effectively dampens motor vibrations, preventing them from being transmitted to the platter and stylus, which can cause audible distortions.
- **Consistent Speed:** A properly fitted belt ensures a stable and accurate rotational speed of the platter, critical for precise pitch and timing in music playback.
- **Durability:** Engineered for wear resistance, the belt maintains its integrity and performance over an

extended period, reducing the need for frequent replacements.

- **Optimized Fit:** The belt's specific dimensions for the TD-104 prevent undue stress on the motor and bearings, contributing to the overall longevity of the turntable.

MAINTENANCE AND CARE

To ensure the optimal performance and extend the lifespan of your flat traction belt, consider the following maintenance guidelines:

- **Regular Inspection:** Periodically inspect the belt for any signs of wear, cracking, stretching, or loss of elasticity. A worn belt can lead to inconsistent speed and degraded audio quality.
- **Cleaning:** If dust or debris accumulates on the belt or pulleys, gently clean them with a soft, lint-free cloth. Avoid using harsh chemicals or solvents, as these can degrade the rubber material.
- **Avoid Contaminants:** Keep the belt free from oils, greases, and other contaminants that can compromise its material properties and grip.
- **Proper Storage:** If the turntable is to be stored for an extended period, it is advisable to remove the belt to prevent it from developing flat spots or permanent deformation under tension. Store it in a cool, dry place away from direct sunlight.
- **Replacement:** Replace the belt if it shows significant signs of wear, becomes loose, or if you notice a decline in playback speed stability or increased wow and flutter.

TROUBLESHOOTING

If you experience issues with your Thorens TD-104 turntable, the flat traction belt may be a contributing factor. Here are some common problems and potential solutions:

- **Inconsistent Platter Speed (Wow and Flutter):**
 - **Cause:** Worn, stretched, or dirty belt; incorrect belt tension.
 - **Solution:** Inspect the belt for wear. Clean the belt and pulleys. If the belt is old or visibly stretched, replace it with a new, correctly sized belt.
- **Platter Not Rotating or Rotating Slowly:**
 - **Cause:** Belt has slipped off the pulley/sub-platter; broken belt; motor issue.
 - **Solution:** Check if the belt is properly seated. If broken, replace it. If the belt is fine, investigate the motor or power supply.
- **Audible Vibrations or Rumble:**
 - **Cause:** Belt transmitting motor vibrations due to hardening or improper material.
 - **Solution:** Ensure the belt is made of appropriate material (natural rubber) and is not hardened with age. Replace if necessary.

If troubleshooting steps do not resolve the issue, consult a qualified audio technician.

SPECIFICATIONS

Feature	Detail
Product Type	Flat Traction Belt
Compatible Turntable Model	Thorens TD-104
Material	Natural Rubber
Color	Black
Special Features	Vibration absorption, wear resistance, precise fit
Manufacturer	Audio Project

WARRANTY AND SUPPORT INFORMATION

Specific warranty terms and direct support contact information for this Thorens TD-104 flat traction belt are not provided within the available product details. For warranty inquiries or technical assistance, please refer to the original purchase documentation or contact the retailer from whom the product was acquired.