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Lunar Flat Turntable Belt

Lunar Turntable Belt Instruction Manual

For Pioneer Models C-4500, C-4600, C-5600D

1. Introduction

This manual provides instructions for the installation, maintenance, and troubleshooting of your Lunar Turntable Belt. This belt is designed for compatibility with Pioneer Turntable Models C-4500, C-4600, and C-5600D. Proper installation and care will ensure optimal performance and longevity of your turntable.

2. Product Overview

The Lunar Turntable Belt is a flat drive belt made from durable rubber, engineered to provide consistent speed and minimize wow and flutter in compatible turntables. Its dimensions are specified to fit the listed Pioneer models precisely.

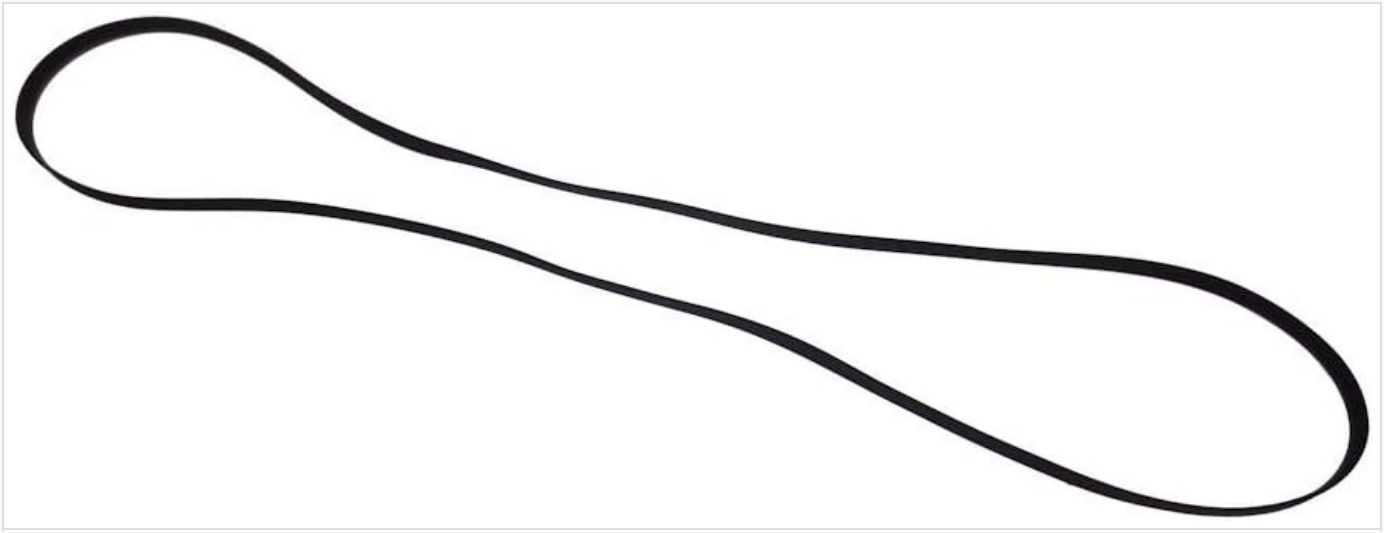


Image 1: The Lunar Turntable Belt. This is a black, flat rubber belt designed for turntable drive mechanisms.

3. Setup and Installation

Before beginning, ensure your turntable is powered off and unplugged from the electrical outlet. Refer to your turntable's specific service manual for detailed instructions on accessing the platter and motor assembly, as procedures may vary slightly between models.

1. **Prepare the Turntable:** Carefully remove the turntable platter. This usually involves lifting it straight up or removing a

retaining clip/screw. Place it aside on a soft, clean surface.

2. **Locate the Motor Pulley and Sub-Platter:** Identify the motor pulley (a small metal shaft) and the sub-platter (the inner rim or separate disc that the belt drives).
3. **Remove Old Belt (if present):** If an old belt is still installed, gently remove it from the motor pulley and sub-platter. Dispose of it properly.
4. **Install New Belt:**
   - Carefully stretch the new Lunar Turntable Belt around the sub-platter. Ensure it sits evenly in the groove.
   - Guide the belt onto the motor pulley. It should be centered on the pulley without twisting.
5. **Verify Placement:** Rotate the sub-platter manually a few times to ensure the belt is seated correctly on both the sub-platter and the motor pulley and moves smoothly without obstruction.
6. **Reassemble Turntable:** Carefully place the main platter back onto the spindle, ensuring it seats properly.
7. **Test Operation:** Plug in and power on your turntable. Select a speed (e.g., 33 1/3 RPM) and observe if the platter rotates smoothly and at a consistent speed.

If you encounter any resistance or unusual noises during reassembly or testing, power off the turntable immediately and re-check the belt installation.

4. Operation

Once installed, the turntable belt facilitates the rotation of the platter by transferring power from the motor. Ensure the turntable is placed on a stable, level surface to prevent vibrations that could affect playback quality. Always handle the platter and tonearm with care.

5. Maintenance

To ensure the longevity and optimal performance of your turntable belt:

- **Keep Clean:** Periodically inspect the belt, motor pulley, and sub-platter for dust, oil, or debris. Clean with a soft, lint-free cloth. Avoid using harsh chemicals.
- **Avoid Stretching:** Do not overstretch the belt during installation or handling, as this can compromise its elasticity and lead to premature wear.
- **Storage:** If the turntable is to be stored for an extended period, it is recommended to remove the belt to prevent it from developing flat spots or losing elasticity under tension.
- **Replacement:** Turntable belts are wear-and-tear items. Replace the belt if you notice signs of cracking, stretching, or if the turntable speed becomes inconsistent.

6. Troubleshooting

Problem	Possible Cause	Solution
Platter does not spin or spins slowly.	Belt is dislodged, broken, or worn out.	Check belt placement. Replace belt if broken or excessively stretched.
Inconsistent playback speed (wow and flutter).	Belt is worn, stretched, or dirty.	Clean the belt and pulleys. Replace the belt if cleaning does not resolve the issue.
Belt slips off the pulley.	Incorrect belt installation or worn belt.	Re-install the belt ensuring it is centered. Replace if the belt is too loose or damaged.

7. Specifications

- **Product Type:** Turntable Drive Belt
- **Brand:** Lunar
- **Material:** Rubber
- **Belt Style:** Flat Belt
- **Dimensions:** .187" (3/16") to .203" (13/64") (4.8-5.2mm) width, 15.2" (38.6cm) folded length (FBM)
- **Compatible Devices:** Turntables, specifically Pioneer Models C-4500, C-4600, C-5600D

8. Warranty and Support

Information regarding product warranty is not provided in this manual. For warranty details, technical support, or further assistance, please contact the manufacturer, Lunar, or your product retailer.

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