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Lunar GEN-FBM-23-6-M153

Turntable Belt User Manual

For Pioneer Models PL-202AZ, PL-340, PL-590, PL-1150

Brand: Lunar | Model: GEN-FBM-23-6-M153

1. Product Overview

This document provides instructions for the Lunar Turntable Belt, designed for use with specific Pioneer turntable models including PL-202AZ, PL-340, PL-590, and PL-1150. This is a flat, medium-width rubber belt, measuring approximately 0.187 to 0.203 inches (4.8-5.2mm) in width and 23.6 inches (60.0cm) in length (FBM).

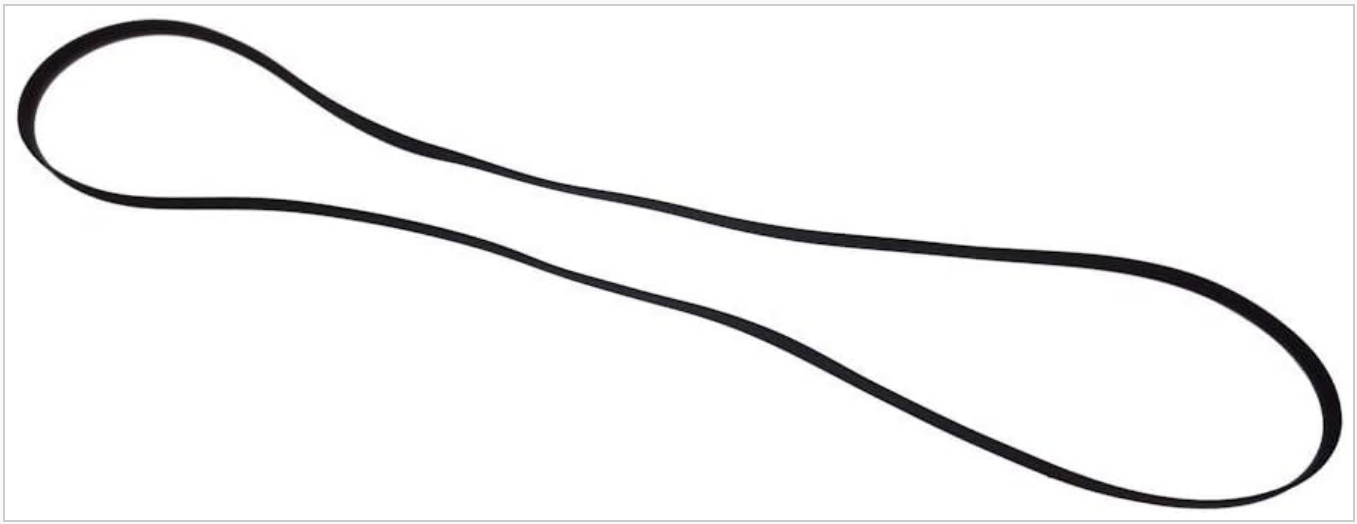


Figure 1: The Lunar Turntable Belt. This image displays the black, flat rubber belt in an elongated loop shape, ready for installation in a compatible turntable.

2. What's in the Box

The product package contains the following item:

- 1 x Lunar Flat Turntable Belt

3. Setup and Installation

Proper installation of the turntable belt is crucial for optimal performance and to prevent damage to your equipment. Always refer to your specific turntable's service manual for detailed instructions, as procedures may vary between models.

General Installation Steps:

1. **Power Off:** Disconnect your turntable from the power outlet before beginning any installation or maintenance.
2. **Remove Platter:** Carefully remove the turntable platter. This usually involves lifting it straight up after removing any mat. Some models may require removing a retaining clip or screw.
3. **Remove Old Belt (if applicable):** If replacing an old belt, gently remove it from the motor pulley and the sub-platter (or inner rim of the platter).
4. **Clean Surfaces:** Clean the motor pulley and the sub-platter's belt path with isopropyl alcohol and a lint-free cloth. This removes old rubber residue and ensures proper grip for the new belt.
5. **Install New Belt:**
    - Place the new belt around the sub-platter (or inner rim of the platter).
    - Carefully stretch the belt and loop it around the motor pulley. Ensure the belt is flat and not twisted.
6. **Reinstall Platter:** Carefully place the platter back onto the spindle, ensuring the belt remains correctly seated on both the sub-platter and the motor pulley.
7. **Test:** Reconnect power and test the turntable's operation at both 33 1/3 and 45 RPM settings to ensure stable speed and proper belt function.

Important Note: *This belt is specified for certain Pioneer models. Verify compatibility and belt length requirements for your specific turntable model before installation. An incorrectly sized belt can lead to speed inconsistencies or damage.*

4. Operating Considerations

Once installed, the turntable belt facilitates the rotation of the platter by transferring power from the motor. Proper operation relies on the belt maintaining consistent tension and grip without slipping. Avoid touching the belt directly during operation to prevent contamination from oils on your skin, which can degrade the rubber and affect performance.

5. Maintenance

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

- **Regular Inspection:** Periodically inspect the belt for signs of wear, cracking, stretching, or loss of elasticity. A worn belt can cause speed fluctuations.
- **Cleaning:** If the belt appears dusty or has residue, gently clean it with a lint-free cloth lightly dampened with isopropyl alcohol. Ensure the belt is completely dry before reinstallation or use.
- **Storage:** If storing a spare belt, keep it in a cool, dry place away from direct sunlight and extreme temperatures to prevent material degradation.
- **Avoid Contaminants:** Keep oils, greases, and harsh chemicals away from the belt, as these can cause the rubber to deteriorate.

6. Troubleshooting

If you experience issues after installing the new belt, consider the following:

- **Inconsistent Speed (Wow and Flutter):**
    - **Belt Slippage:** Ensure the belt is clean and free of oil or residue. Clean the motor pulley and sub-platter

path as described in the installation section.

- **Incorrect Belt Size:** Verify that the belt is the correct size for your specific turntable model. A belt that is too long will slip, while one that is too short can put excessive strain on the motor. This belt is designed for Pioneer models PL-202AZ, PL-340, PL-590, and PL-1150.
- **Worn Belt:** If the belt is old, it may have lost its elasticity. Replace it with a new one.

- **Turntable Not Spinning:**
  - **Belt Dislodged:** Check if the belt has come off the motor pulley or sub-platter. Re-seat it carefully.
  - **Motor Issue:** If the belt is correctly installed and the platter still doesn't spin, the issue might be with the turntable's motor or power supply, not the belt itself.

7. Specifications

Product Name	Turntable Belt
Brand	Lunar
Model Number	GEN-FBM-23-6-M153
Compatible Devices	Turntable (Pioneer Models PL-202AZ, PL-340, PL-590, PL-1150)
Material	Rubber
Type	Flat Belt, Medium Width
Width	0.187" - 0.203" (3/16" - 13/64") / 4.8mm - 5.2mm
Length (FBM)	23.6" (60.0cm)
Item Weight	0.634 ounces (0.02 Kilograms)
Package Dimensions	6 x 3 x 0.2 inches
Manufacturer	Lunar
ASIN	B085PNDGFD

8. Support

For further assistance or inquiries regarding this product, please contact Lunar customer support through your purchase platform or the manufacturer's official website.

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