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Lunar GEN-FBM-21-4-M156

Lunar Turntable Belt Instruction Manual

For Pioneer Models: PL-450, PL-460, PL-X20Z, PL-211AZ

1. Introduction

This manual provides detailed instructions for the proper installation and maintenance of your Lunar replacement turntable belt. This belt is designed to restore optimal playback speed and performance to compatible Pioneer turntable models. Please read these instructions carefully before proceeding with installation.

2. Compatibility

This Lunar turntable belt is compatible with the following Pioneer turntable models:

- Pioneer PL-450
- Pioneer PL-460
- Pioneer PL-X20Z
- Pioneer PL-211AZ

3. Setup and Installation

Proper installation of the turntable belt is crucial for correct operation. Ensure your turntable is unplugged from the power source before beginning.

3.1 Safety Precautions

- Always unplug the turntable from the power outlet before performing any maintenance or installation.
- Handle the turntable components with care to avoid damage.
- Keep small parts away from children.

3.2 Removing the Old Belt

1. Carefully remove the turntable's platter mat.
2. Lift the turntable platter straight up and off the spindle. Some models may require removing a retaining clip first. Refer to your specific turntable's manual if unsure.
3. Locate the old belt, which will likely be stretched, cracked, or broken. Remove it from the motor pulley and the sub-platter (if applicable).
4. Clean any residue from the motor pulley and the sub-platter/platter rim using a lint-free cloth and isopropyl alcohol.

3.3 Installing the New Belt

1. Place the new Lunar turntable belt around the outer rim of the sub-platter (or the underside of the main platter, depending on your model). Ensure it sits flat and is not twisted.
2. Carefully place the platter back onto the turntable spindle.
3. Through one of the platter's openings, gently guide the belt onto the motor pulley. Ensure the belt is centered on both the platter/sub-platter and the motor pulley.
4. Rotate the platter manually a few times to ensure the belt is seated correctly and moves smoothly without slipping.
5. Replace the platter mat.

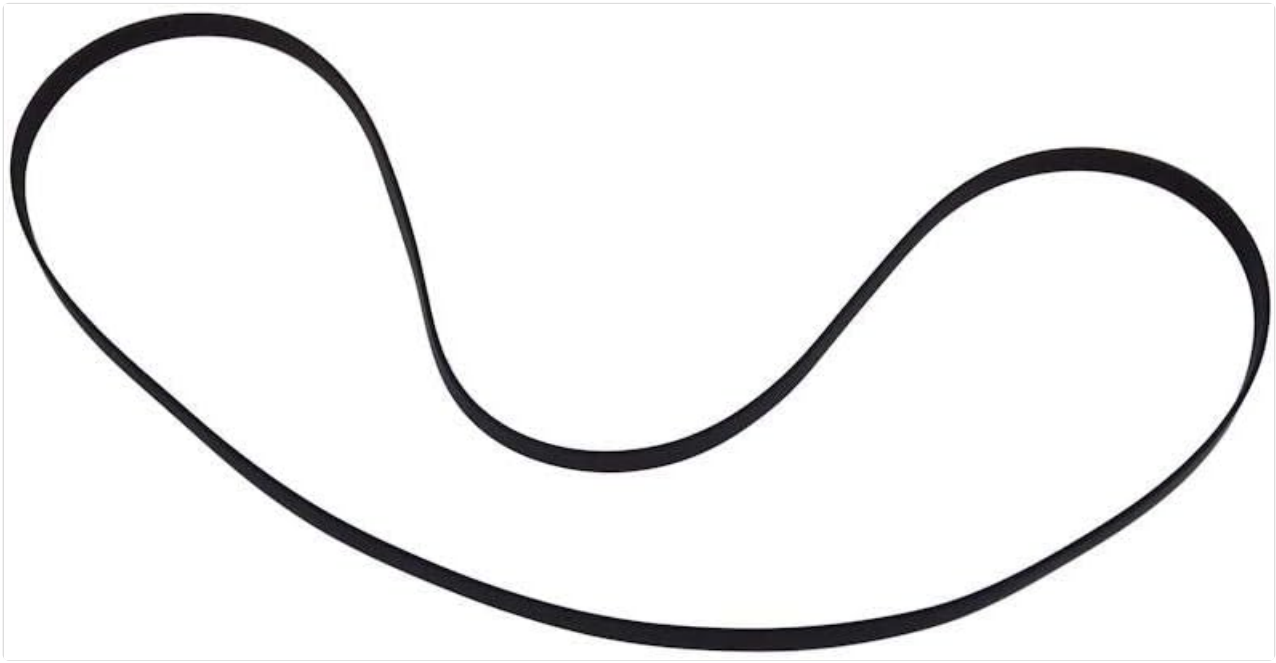


Image 1: The Lunar replacement turntable belt, shown in its coiled state. This black rubber belt is designed for durability and precise speed transmission.

4. Operating the Turntable After Belt Replacement

After successful belt installation, plug your turntable back into the power source. Test the turntable by selecting a record and starting playback. The platter should spin at the correct speed (33 1/3 or 45 RPM) without hesitation or unusual noise. If the speed is incorrect or inconsistent, refer to the troubleshooting section.

5. Maintenance

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

- **Keep Clean:** Periodically inspect the belt for dust or debris. Clean gently with a dry, lint-free cloth. Avoid using harsh chemicals.
- **Avoid Stretching:** Do not manually stretch the belt excessively, as this can reduce its lifespan and affect playback speed.
- **Storage:** If removing the belt for extended periods, store it flat in a cool, dry place away from direct sunlight.
- **Environmental Factors:** Extreme temperature fluctuations or high humidity can affect rubber components. Operate your turntable in a stable environment.

6. Troubleshooting

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

- **Platter Not Spinning or Spinning Slowly:**
  - Ensure the belt is correctly seated on both the motor pulley and the platter/sub-platter.
  - Verify the turntable is plugged in and powered on.
  - Check for any obstructions preventing the platter from rotating freely.
- **Incorrect Playback Speed:**
  - Confirm the belt is not twisted or stretched unevenly.
  - Ensure the correct speed setting (33 1/3 or 45 RPM) is selected on your turntable.
  - If the issue persists, the motor or speed control mechanism of the turntable may require professional servicing.
- **Belt Slipping:**
  - Clean the motor pulley and the platter/sub-platter rim thoroughly with isopropyl alcohol to remove any grease or residue.
  - Ensure the belt is not damaged or excessively worn.

7. Specifications

Brand	Lunar
Model Number	GEN-FBM-21-4-M156
Material	Durable Rubber
Color	Black
Item Weight	0.634 ounces (0.02 Kilograms)
Package Dimensions	3.39 x 2.6 x 0.31 inches

8. Warranty and Support

For information regarding warranty coverage or technical support for your Lunar turntable belt, please refer to the retailer or manufacturer's official website. Specific warranty terms may vary.

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