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› Lunar Turntable Belt Instruction Manual for Thomas PACCONI Models TPC-MSE-805 and TPC-MSE-807

Lunar GEN-FBM-21-4-M263

Lunar Turntable Belt Instruction Manual

Model: GEN-FBM-21-4-M263

INTRODUCTION

This manual provides instructions for the installation and maintenance of your Lunar Turntable Belt, model GEN-FBM-21-4-M263. This flat rubber belt is designed for specific Thomas PACCONI turntable models, including TPC-MSE-805 and TPC-MSE-807, ensuring proper rotation and playback of your vinyl records.

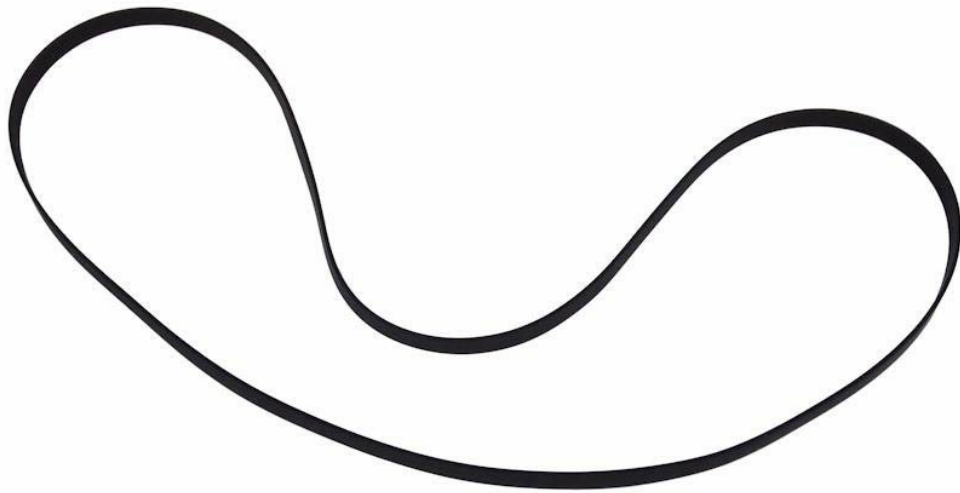


Image: A black, flat rubber turntable belt, coiled loosely to show its length and flexibility. This belt is a replacement component for compatible turntable models.

SETUP AND INSTALLATION

Proper installation of the turntable belt is crucial for optimal performance. Always refer to your specific turntable's service manual for detailed instructions, as procedures may vary. The following steps provide a general guide:

1. **Power Off and Unplug:** Before beginning, ensure your turntable is completely powered off and unplugged from the electrical outlet to prevent accidental operation or electrical shock.
2. **Remove Platter:** Carefully remove the turntable platter. This usually involves lifting it straight up or, in some cases, removing a retaining clip or screw. Place it on a soft, clean surface to avoid scratches.
3. **Locate Motor Pulley and Sub-Platter/Rim:** Identify the motor pulley (a small spindle) and the sub-platter or the inner rim of the main platter where the belt sits.
4. **Remove Old Belt (if present):** If replacing an old belt, gently remove it from the motor pulley and sub-platter/rim. Dispose of the old belt responsibly.
5. **Install New Belt:**
 - Carefully loop the new Lunar turntable belt around the motor pulley.

- Stretch the belt gently and evenly around the sub-platter or the designated inner rim of the main platter. Ensure the belt is not twisted and sits flat in its groove.
6. **Reinstall Platter:** Carefully place the platter back onto the turntable spindle, ensuring it seats correctly and does not dislodge the belt.
 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 resistance or improper rotation, power off the turntable and re-check the belt installation.

OPERATING PRINCIPLES

The turntable belt transmits rotational energy from the motor to the platter. This belt-drive system helps to isolate the platter from motor vibrations, contributing to smoother playback and reduced noise. The consistent tension and material properties of the Lunar belt ensure stable platter speed, which is essential for accurate audio reproduction.

MAINTENANCE

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

- **Regular Inspection:** Periodically inspect the belt for signs of wear, stretching, cracking, or stickiness. A worn belt can lead to inconsistent platter speed (wow and flutter).
- **Cleaning:** If the belt appears dusty or dirty, gently wipe it with a clean, lint-free cloth dampened with a small amount of isopropyl alcohol. Ensure the belt is completely dry before re-installation or use. Avoid harsh chemicals.
- **Avoid Contaminants:** Keep the belt free from oils, grease, and other contaminants that can degrade the rubber material.
- **Storage:** If removing the belt for extended periods, store it flat and untwisted in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

Symptom	Possible Cause	Solution
Platter not spinning or spinning slowly.	Belt is dislodged, broken, or severely stretched.	Check belt placement. Replace if broken or excessively stretched.
Inconsistent speed (wow and flutter).	Worn, dirty, or incorrect belt tension.	Clean the belt and pulley. Replace the belt if worn. Ensure correct belt type for your turntable.
Belt slipping off.	Belt is too loose, twisted, or pulley/platter rim is dirty.	Ensure belt is correctly seated and not twisted. Clean contact surfaces.

SPECIFICATIONS

- **Product Type:** Turntable Belt
- **Brand:** Lunar

- **Model Number:** GEN-FBM-21-4-M263
- **Material:** Rubber
- **Belt Style:** Flat Belt
- **Width:** Approximately 0.187" (3/16") to 0.203" (13/64") (4.8-5.2mm)
- **Length (FBM):** 25.0" (63.5cm)
- **Compatible Devices:** Turntables, specifically Thomas PACCONI Models TPC-MSE-805, TPC-MSE-807
- **Item Weight:** 1.6 ounces
- **Package Dimensions:** 4 x 1 x 1 inches

WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your Lunar Turntable Belt, please refer to the documentation provided with your purchase or contact Lunar customer service. Keep your proof of purchase for warranty claims.