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Lunar fbm

Instruction Manual

Lunar Turntable Belt for THORENS Models TD-146

Product Overview

This instruction manual provides essential information for the installation and maintenance of your Lunar Turntable Belt, designed for compatibility with THORENS Models TD-146 and similar turntables requiring a flat drive belt.

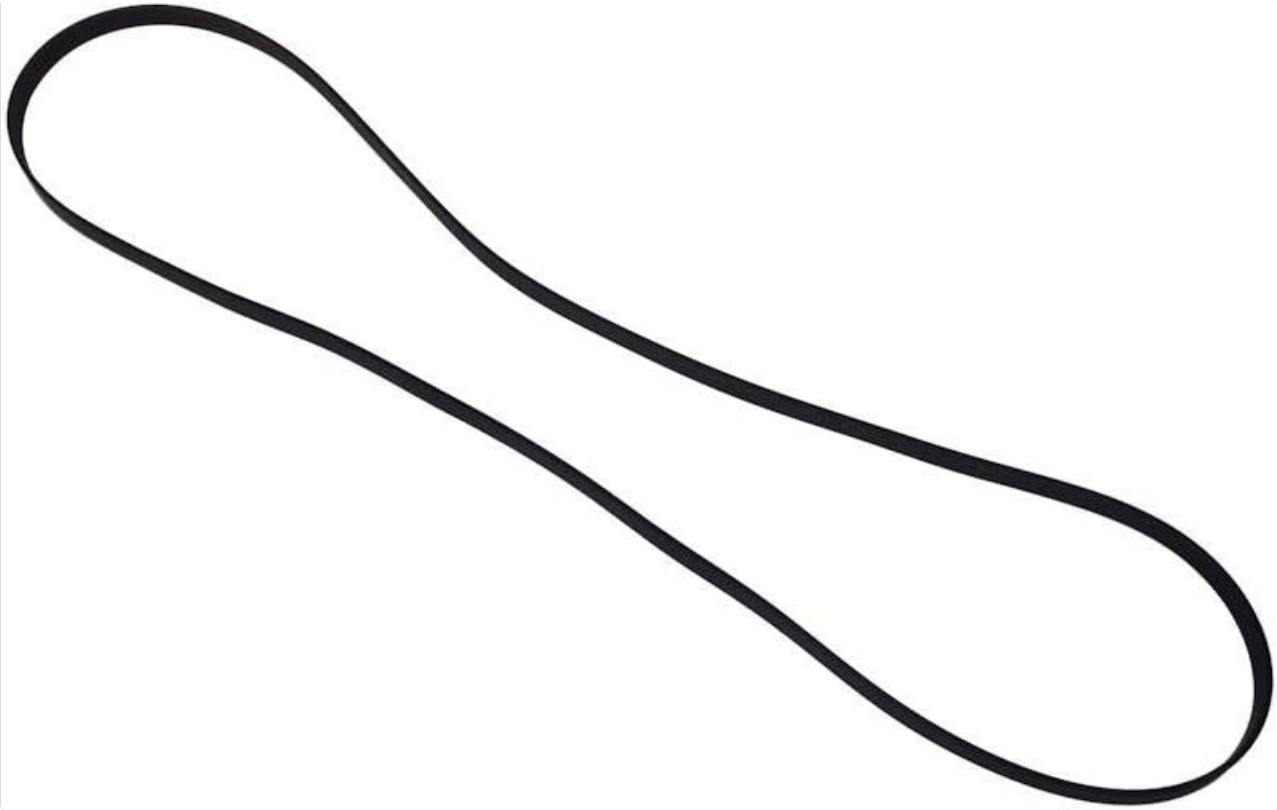


Image: The Lunar Turntable Belt, a black, flat rubber band designed for turntable drive mechanisms. It is shown in an elongated loop shape, indicating its flexible nature and intended use as a drive belt.

The belt is a critical component for the proper operation of your turntable, ensuring consistent platter rotation and optimal audio playback. This specific belt is a flat type, made of durable rubber, with dimensions suitable for the specified turntable models.

Specifications

Attribute	Detail
Brand	Lunar
Material	Rubber
Belt Type	Flat Belt
Width	Medium, approximately .187" (3/16") to .203" (13/64") (4.8-5.2mm)
Length (FBM)	25.0" (63.5cm)
Compatible Devices	Turntables, specifically THORENS Models TD-146
Model Name	fbm
UPC	700387414772

Setup and Installation

Replacing a turntable belt requires careful handling to avoid damage to the turntable components or the new belt. Always refer to your specific turntable's service manual for detailed instructions, as procedures may vary.

1. **Preparation:** Disconnect the turntable from the power supply. Remove the platter mat and the platter itself. Some turntables may require removing screws or clips to lift the platter.
2. **Old Belt Removal:** Carefully remove the old, worn, or broken belt. Note its path around the motor pulley and the sub-platter (or inner rim of the platter).
3. **New Belt Placement:** Gently stretch the new Lunar turntable belt around the motor pulley and the sub-platter. Ensure the belt is seated correctly and is not twisted. The belt should be taut but not excessively stretched.
4. **Reassembly:** Carefully place the platter back onto the spindle, ensuring it seats properly. Reattach any removed screws or clips. Replace the platter mat.
5. **Testing:** Reconnect the turntable to power. Select a speed (e.g., 33 1/3 RPM) and observe if the platter rotates smoothly and at a consistent speed.

Important: *Avoid touching the belt with oily or dirty hands, as this can degrade the rubber and affect performance. Clean the motor pulley and sub-platter surfaces before installing the new belt.*

Operating Considerations

Once installed, the turntable belt operates continuously when the turntable is in use. Proper operation relies on the belt maintaining consistent tension and friction.

- Ensure the turntable is placed on a stable, level surface to prevent undue stress on the belt and motor.
- Avoid sudden stops or manual forcing of the platter, as this can stretch or damage the belt.
- If the platter speed appears inconsistent or fluctuates, inspect the belt for slippage or wear.

Maintenance

The Lunar turntable belt is designed for durability, but regular inspection and proper care can extend its lifespan and ensure optimal performance.

- **Regular Inspection:** Periodically inspect the belt for signs of wear, cracking, stretching, or stickiness. A worn belt can lead to inconsistent playback speed (wow and flutter).
- **Cleaning:** If necessary, gently clean the belt with a lint-free cloth dampened with isopropyl alcohol. Ensure the belt is completely dry before reinstallation. Avoid harsh chemicals.
- **Storage:** If removing the belt for extended periods, store it flat in a cool, dry place away from direct sunlight and extreme temperatures.
- **Replacement:** Belts typically need replacement every 5-10 years, depending on usage and environmental conditions. Replace the belt if it shows significant signs of degradation or if playback quality deteriorates.

Troubleshooting

Problem	Possible Cause	Solution
Platter not spinning or spinning too slowly.	Belt is broken, stretched, or has slipped off.	Inspect and re-seat the belt. Replace if broken or excessively stretched.
Inconsistent playback speed (wow/flutter).	Worn, dirty, or oily belt; motor pulley or sub-platter dirty.	Clean the belt and pulley surfaces. Replace the belt if wear is evident.
Belt frequently slips off.	Belt is too loose (stretched) or misaligned.	Ensure correct belt installation. Replace with a new belt if stretched. Check for any obstructions.

Warranty and Support

For information regarding warranty coverage and customer support for your Lunar Turntable Belt, please refer to the original purchase documentation or contact Lunar customer service directly. Keep your proof of purchase for warranty claims.

Contact Information:

Manufacturer: Lunar

Website: Lunar on Amazon (for general product information)

For specific support, please refer to the contact details provided with your product packaging.

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