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Lunar KD-35R, KD-47F

Lunar Turntable Belt Instruction Manual

For Kenwood Models KD-35R, KD-47F

1. INTRODUCTION

This manual provides essential instructions for the proper installation, maintenance, and care of your Lunar turntable belt. This belt is designed for use with Kenwood turntable models KD-35R and KD-47F, ensuring optimal performance and longevity of your audio equipment.

2. PRODUCT OVERVIEW

The Lunar turntable belt is a precision-engineered component crucial for the operation of belt-driven turntables. It transmits rotational power from the motor to the platter, allowing records to spin at the correct speed. Regular inspection and timely replacement of the drive belt are vital for maintaining accurate playback speed and reducing wow and flutter.

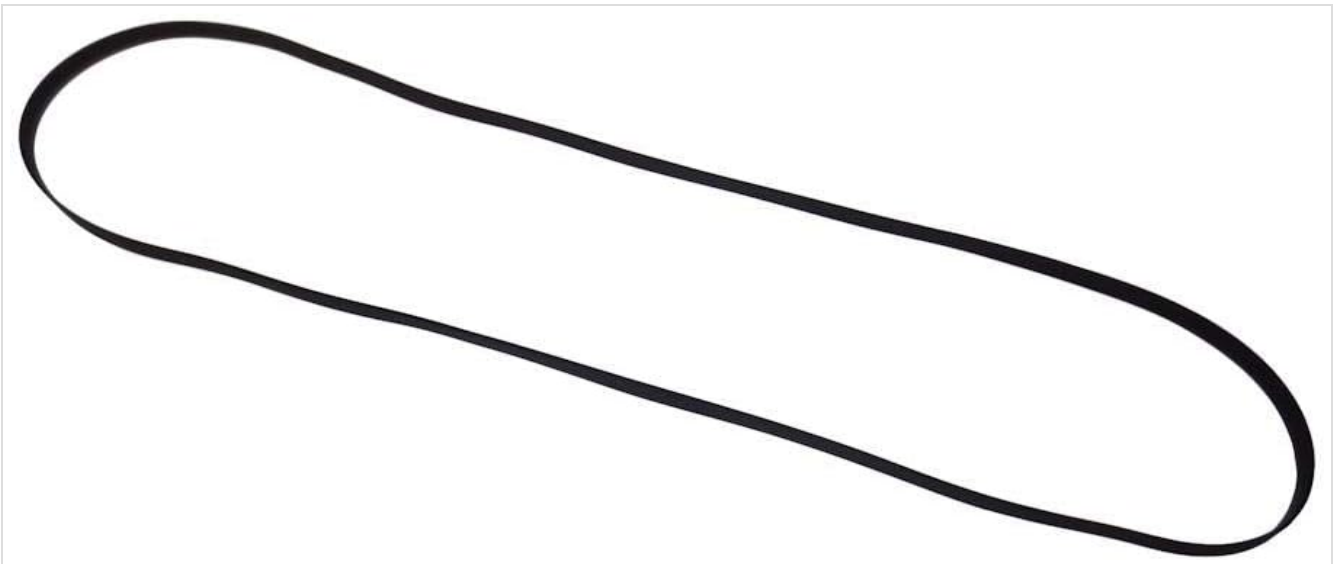


Figure 1: The Lunar turntable drive belt. This black rubber belt is designed to connect the motor pulley to the turntable platter, facilitating rotation.

3. SETUP AND INSTALLATION

Before beginning installation, ensure your turntable is powered off and unplugged from the electrical outlet to prevent accidental operation or injury.

1. **Remove the Turntable Platter:** Carefully lift the turntable platter off the spindle. Depending on your specific Kenwood model (KD-35R or KD-47F), this may require removing a mat or securing clips first. Refer to your turntable's original user manual for precise instructions on platter removal.
2. **Locate the Motor Pulley:** Once the platter is removed, you will see the motor pulley, typically a small metal cylinder, and the sub-platter (or inner rim of the main platter).
3. **Remove Old Belt (if applicable):** If an old belt is present, gently remove it from both the motor pulley and the sub-platter. Dispose of the old belt responsibly.
4. **Install New Belt:** Carefully stretch the new Lunar turntable belt around the motor pulley and the outer rim of the sub-platter. Ensure the belt is not twisted and sits flat in the grooves of both components.
5. **Reinstall Platter:** Carefully place the main platter back onto the spindle, ensuring it seats correctly and does not dislodge the belt.
6. **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.

4. OPERATING PRINCIPLES

The turntable belt functions as the mechanical link between the turntable's motor and the platter. The motor's rotation is transferred to the belt, which in turn drives the platter. This belt-drive system helps to isolate motor vibrations from the platter, contributing to clearer audio reproduction. Proper tension and condition of the belt are essential for maintaining accurate rotational speed and minimizing acoustic interference.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Lunar turntable belt, consider the following maintenance guidelines:

- **Regular Inspection:** Periodically inspect the belt for signs of wear, stretching, cracking, or stickiness. A worn belt can lead to inconsistent platter speed.
- **Cleaning:** If the belt appears dusty or dirty, gently wipe it with a clean, lint-free cloth. Avoid using harsh chemicals or solvents, as these can degrade the rubber material.
- **Replacement:** Turntable belts typically require replacement every 3-5 years, or sooner if signs of wear are evident. A stretched or hardened belt will not maintain proper tension, affecting playback speed.
- **Storage:** If storing your turntable for an extended period, it is advisable to remove the belt to prevent it from developing flat spots or becoming permanently stretched.

6. TROUBLESHOOTING

If you experience issues with your turntable's playback, the belt may be a contributing factor. Here are some common

problems and potential solutions:

- **Platter Not Spinning or Spinning Slowly:**

- Check if the belt is properly seated on both the motor pulley and the sub-platter.
- Inspect the belt for breakage or excessive stretching. A new belt may be required.

- **Inconsistent Speed (Wow and Flutter):**

- This often indicates a worn, stretched, or dirty belt. Clean or replace the belt.
- Ensure the belt is free of debris and is not slipping.

- **Noise from Belt Area:**

- Ensure the belt is not rubbing against any part of the turntable chassis or platter.
- A dirty belt or pulley can sometimes cause minor squeaking. Clean both components.

If these steps do not resolve the issue, consult a qualified audio technician or refer to your turntable's specific service manual.

7. SPECIFICATIONS

Brand	Lunar
Compatible Turntable Models	Kenwood KD-35R, Kenwood KD-47F
Item Model Number	GEN-FBM-25-0-M99
Color	Black
Material	Rubber
Item Weight	0.176 ounces (approximately 0.01 Kilograms)
Package Dimensions	3.74 x 1.73 x 0.51 inches

8. WARRANTY INFORMATION

Specific warranty details for this Lunar turntable belt are not provided in the product information. For inquiries regarding warranty coverage, please contact the manufacturer directly or refer to the original purchase documentation.

9. SUPPORT

For technical assistance, product inquiries, or further support, please contact Lunar customer service through their official website or the retailer from whom the product was purchased. When contacting support, please have your product model number (GEN-FBM-25-0-M99) and turntable model (Kenwood KD-35R or KD-47F) available.

