

Manuals.plus /

› Lunar /

› Lunar Turntable Belt Instruction Manual for Yamaha Models YP-B2, YP-B4, YP-B11, YP-66, P-220

## Lunar GEN-FBM-25-0-M289

# Lunar Turntable Belt Instruction Manual

For Yamaha Models YP-B2, YP-B4, YP-B11, YP-66, P-220 and Pioneer Models PL-155, PL-210, PL-510

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Lunar turntable belt. Designed for durability and optimal performance, this belt ensures consistent platter rotation for an enhanced audio experience.

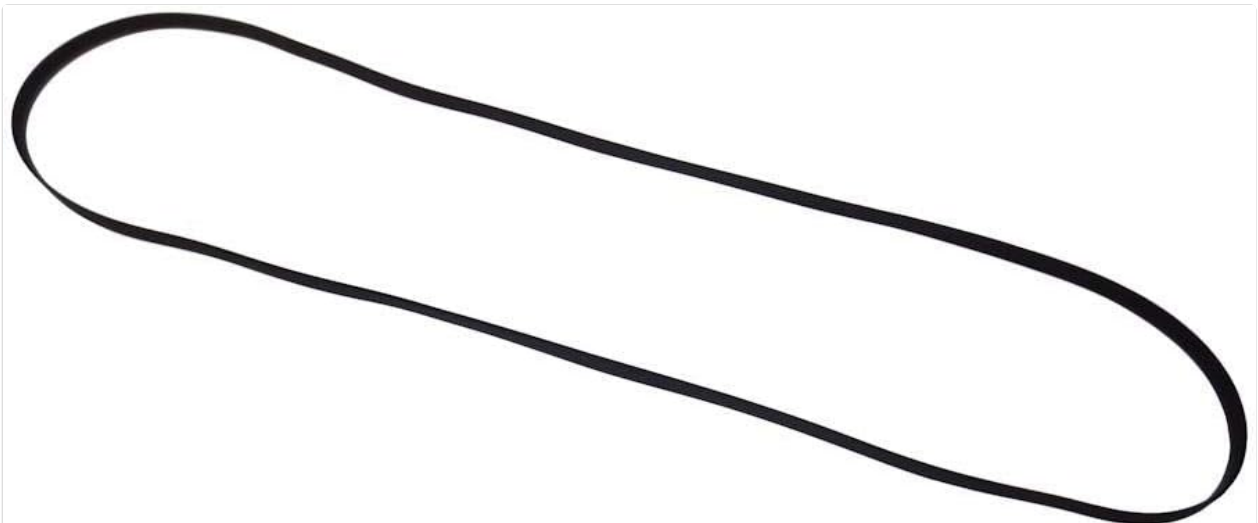
### 1.1 Product Overview

The Lunar turntable belt is a precision-engineered replacement part crucial for belt-driven turntables. It connects the motor pulley to the platter, facilitating smooth and stable rotation at the correct speed.

### 1.2 Compatibility

This turntable belt is compatible with the following models:

- **Yamaha Models:** YP-B2, YP-B4, YP-B11, YP-66, P-220
- **Pioneer Models:** PL-155, PL-210, PL-510



**Figure 1.1:** The black rubber drive belt, designed for use in compatible turntable models to transmit power from the motor to

the platter.

## 2. SETUP AND INSTALLATION

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Proper installation of the turntable belt is critical for optimal performance. Follow these steps carefully.

### 2.1 Safety Precautions

- Always unplug the turntable from the power outlet before beginning any installation or maintenance.
- Handle the new belt with clean hands to avoid transferring oils or dirt, which can affect its grip and lifespan.
- Avoid stretching the belt excessively during installation, as this can damage it.

### 2.2 Installation Steps

1. **Remove the Platter:** Carefully lift the turntable platter off the spindle. Some turntables may require removing a mat or securing clips first. Consult your turntable's original manual if unsure.
2. **Remove Old Belt (if present):** If an old belt is still in place, gently remove it from the motor pulley and the sub-platter (or inner rim of the platter). Dispose of the old belt responsibly.
3. **Clean Surfaces:** Use a lint-free cloth and isopropyl alcohol to clean the motor pulley and the sub-platter's belt-contact surface. Ensure these surfaces are free of any residue from the old belt or other contaminants. Allow to dry completely.
4. **Install New Belt:** Place the new Lunar turntable belt around the sub-platter (or inner rim of the platter). Ensure it sits flat and is not twisted.
5. **Position on Motor Pulley:** Carefully guide the belt onto the motor pulley. Ensure it is centered on the pulley and not rubbing against any other components.
6. **Reinstall Platter:** Gently place the main platter back onto the spindle, ensuring the belt remains correctly seated on both the sub-platter and the motor pulley. Rotate the platter manually a few times to confirm the belt is properly aligned and moves freely.
7. **Test Operation:** Plug in the turntable and test its operation at both 33 1/3 RPM and 45 RPM (if applicable) to ensure stable speed and smooth rotation.

## 3. OPERATING CONSIDERATIONS

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Once installed, the turntable belt requires no direct operation. Its function is passive, ensuring the platter rotates correctly when the turntable motor is engaged. Proper installation is key to its effective operation.

- Ensure the turntable is placed on a stable, level surface to prevent undue stress on the belt and motor.
- Avoid manually spinning the platter at high speeds when the motor is off, as this can stretch or dislodge the belt.
- Always use the turntable's designated speed selector to change playback speed.

## 4. MAINTENANCE

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Regular inspection and simple maintenance can extend the life of your turntable belt and ensure consistent performance.

### 4.1 Cleaning

- Periodically, with the turntable unplugged and platter removed, gently wipe the belt with a lint-free cloth dampened with a small amount of isopropyl alcohol. This removes dust and residue that can cause slippage.
- Ensure the motor pulley and sub-platter surfaces are also clean.

## 4.2 Inspection

- Visually inspect the belt for any signs of wear, cracking, stretching, or deformation.
- A worn belt may appear shiny, brittle, or have lost its elasticity.
- If the belt feels loose or appears to have lost its original shape, it may be time for a replacement.

## 4.3 Replacement Frequency

The lifespan of a turntable belt varies depending on usage and environmental factors. As a general guideline, consider replacing your belt every 3-5 years, or sooner if you notice any performance issues or visible wear.

# 5. TROUBLESHOOTING

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

## 5.1 Incorrect Playback Speed

- **Symptom:** Music plays too fast or too slow, or speed fluctuates.
- **Possible Cause:** Worn, stretched, or dirty belt; dirty motor pulley or sub-platter.
- **Solution:** Clean the belt, motor pulley, and sub-platter as described in the Maintenance section. If the issue persists, the belt may be stretched and require replacement.

## 5.2 Platter Not Spinning or Spinning Intermittently

- **Symptom:** Platter does not rotate when the motor is engaged, or stops and starts.
- **Possible Cause:** Belt is broken, dislodged, or severely worn; motor issue.
- **Solution:** Unplug the turntable and remove the platter. Check if the belt is intact and properly seated on both the motor pulley and sub-platter. If the belt is broken or severely deteriorated, replace it. If the belt is fine, consult a professional for motor inspection.

## 5.3 Audible Noise or Vibration

- **Symptom:** Unusual noises or vibrations coming from the platter area.
- **Possible Cause:** Belt rubbing against components; belt not seated correctly; motor issues.
- **Solution:** Ensure the belt is properly aligned and not touching any other parts. Re-seat the belt if necessary. If the noise persists, it might indicate a motor or bearing issue, requiring professional service.

# 6. SPECIFICATIONS

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Feature	Detail
Brand	Lunar
Model Number	GEN-FBM-25-0-M289
Compatible Devices	Turntable (Yamaha YP-B2, YP-B4, YP-B11, YP-66, P-220; Pioneer PL-155, PL-210, PL-510)
Item Weight	0.634 ounces (0.02 Kilograms)
Package Dimensions	6 x 3 x 0.2 inches
Color	Black
Special Feature	Belt-Driven

## 7. WARRANTY AND SUPPORT

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For warranty information or technical support regarding your Lunar turntable belt, please refer to the retailer's return policy or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.

**Manufacturer:** Lunar

**ASIN:** B085P2P1KX

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