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› [Multiple](#) /

› [Turntable Drive Belt Instruction Manual](#)

Multiple 35.1 inch Turntable Drive Belt

35.1" Turntable Drive Belt Instruction Manual

For Pioneer PL-41, PL-50, Yamaha YP-701, YP-70, and Compatible Turntables

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the installation, maintenance, and troubleshooting of your new 35.1 inch turntable drive belt. This replacement belt is designed to restore proper rotational speed and performance to compatible belt-driven turntables, ensuring optimal audio playback.



Image 1: The 35.1 inch turntable drive belt. This black rubber belt is designed to transmit power from the motor to the platter in compatible turntables.

2. COMPATIBILITY

This 35.1 inch turntable drive belt is compatible with a range of vintage and modern turntables. Known compatible models include, but are not limited to:

- Pioneer PL-41
- Pioneer PL-50

- Yamaha YP-701
- Yamaha YP-70

Always verify the required belt length and thickness for your specific turntable model before installation to ensure proper fit and function.

3. INSTALLATION GUIDE

Replacing a turntable drive belt typically involves accessing the platter and motor pulley. Follow these general steps, but always refer to your specific turntable's service manual for precise instructions.

1. Preparation:

- Disconnect the turntable from the power outlet.
- Remove any dust cover, mat, and the record platter. Some turntables may require removing screws from the bottom chassis to access the internal mechanism.

2. Remove Old Belt:

- Carefully remove the old, worn, or broken belt from the motor pulley and the sub-platter (or inner rim of the main platter).
- Clean any residue from the old belt off the motor pulley and the platter's inner rim using a lint-free cloth and isopropyl alcohol. This ensures optimal grip for the new belt.

3. Install New Belt:

- Carefully loop the new 35.1 inch belt around the motor pulley.
- Then, stretch the belt gently around the sub-platter or the inner rim of the main platter. Ensure the belt is seated correctly and is not twisted.

4. Reassembly:

- Carefully place the main platter back onto the spindle, ensuring the belt remains properly seated on both the motor pulley and the platter.
- Replace any removed screws or components.
- Place the mat and dust cover back on the turntable.

5. Testing:

- Connect the turntable to power and test its operation at both 33 1/3 RPM and 45 RPM (if applicable) to ensure stable speed and proper function.

4. OPERATION

Once installed, the turntable belt facilitates the rotation of the platter at the correct speed, driven by the turntable's motor. Proper belt tension and material ensure consistent speed and minimize wow and flutter, contributing to accurate audio reproduction.

5. MAINTENANCE

To prolong the life of your turntable belt and maintain optimal performance:

- **Keep Clean:** Periodically inspect the belt, motor pulley, and platter rim for dust, oil, or debris. Clean with a lint-free cloth.
- **Avoid Contaminants:** Prevent contact with oils, greases, or harsh chemicals, which can degrade the rubber material.

- **Proper Storage:** If the turntable is stored for an extended period, it is sometimes recommended to remove the belt to prevent it from developing flat spots or stretching unevenly, though this is less critical for modern belts.
- **Regular Inspection:** Check the belt for signs of wear, cracking, stretching, or loss of elasticity. Replace the belt if any of these signs are present or if speed instability is observed.

6. TROUBLESHOOTING

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

- **Turntable Plays Too Fast/Slow:**
 - *Belt Thickness:* Some turntable models, such as the Pioneer PL-41 and PL-50, are sensitive to belt thickness. If the belt is too thick, it can cause the platter to spin too fast. Verify the recommended belt thickness for your specific model.
 - *Belt Length:* An incorrect belt length (too short or too long) can also affect speed stability. Ensure the 35.1 inch length is appropriate for your turntable.
 - *Motor/Speed Control:* If the belt is confirmed to be correct, the issue might lie with the turntable's motor or speed control circuitry.
- **Belt Slips or Falls Off:**
 - *Improper Seating:* Ensure the belt is correctly seated on both the motor pulley and the platter's inner rim, without any twists.
 - *Contamination:* Clean the motor pulley and platter rim thoroughly to remove any grease, dust, or residue that could cause slippage.
 - *Belt Condition:* While new, inspect for any manufacturing defects or damage.
- **No Platter Rotation:**
 - *Belt Not Engaged:* Confirm the belt is properly connected between the motor pulley and the platter.
 - *Motor Issue:* If the belt is correctly installed, the turntable's motor may be faulty.
 - *Power:* Ensure the turntable is plugged in and receiving power.

7. SPECIFICATIONS

Attribute	Detail
Product Dimensions	0.39 x 0.39 x 0.39 inches (approximate, referring to packaging/item size)
Item Weight	3.52 ounces (0.1 Kilograms)
ASIN	B00VATVJCS
Compatible Devices	Turntable (Pioneer PL-41, PL-50, Yamaha YP-701, YP-70, etc.)
Motor Type	Turn Motor (refers to the type of motor the belt interacts with)
UPC	741812660678
Brand	Multiple
Date First Available	March 27, 2015

8. WARRANTY AND SUPPORT

This product is a replacement part. For specific warranty information, please refer to the original vendor or retailer from whom the belt was purchased. For technical support regarding your turntable, consult your turntable's manufacturer or a qualified audio technician.

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