

[Manuals.plus](#) /

› [AudioOrigin](#) /

› AudioOrigin Turntable Refurbishment Kit User Manual for PIONEER PL-A25, PL-2200, PL-330, PL-930, PL-X300

AudioOrigin Refurb Kit

AudioOrigin Turntable Refurbishment Kit User Manual

For PIONEER PL-A25, PL-2200, PL-330, PL-930, PL-X300 Turntables

INTRODUCTION

This manual provides detailed instructions for the installation and maintenance of your AudioOrigin Turntable Refurbishment Kit. This kit is designed to restore optimal performance to compatible PIONEER turntable models, specifically PL-A25, PL-2200, PL-330, PL-930, and PL-X300. Please read all instructions carefully before proceeding with any installation or maintenance.

SAFETY INSTRUCTIONS

- Always disconnect your turntable from the power supply before performing any installation or maintenance.
- Handle delicate components such as the stylus and cartridge with extreme care to prevent damage.
- Keep small parts out of reach of children.
- If you are unsure about any step, consult a qualified technician or contact AudioOrigin support.
- Avoid contact of the V2 Super Lube with skin and eyes. In case of contact, rinse thoroughly with water.

PACKAGE CONTENTS

Your AudioOrigin Turntable Refurbishment Kit should contain the following items:

- 1 x Turntable Cartridge with Stylus
- 1 x Drive Belt
- 1 x Bottle of V2 Super Lube (Turntable Spindle Oil)



Image: The complete AudioOrigin Turntable Refurbishment Kit, showing the cartridge, stylus, drive belt, and V2 Super Lube bottle.

SETUP AND INSTALLATION

1. Cartridge and Stylus Installation

The cartridge and stylus are pre-assembled for convenience. Follow these steps to install them onto your turntable's tonearm:

1. Carefully remove the old cartridge and stylus from the tonearm. Note the wiring connections (usually red, white, green, blue).
2. Connect the new AudioOrigin cartridge to the tonearm wires, ensuring correct color matching (e.g., Red to Right Hot, White to Left Hot, Green to Right Ground, Blue to Left Ground). Refer to your turntable's original manual for specific wiring if unsure.
3. Mount the cartridge securely to the headshell using the provided screws (if applicable) or by sliding it into the headshell slot. Ensure it is aligned correctly.
4. Adjust the tracking force according to your turntable's specifications, typically between 1.5 to 3.0 grams for most cartridges. Use a tracking force gauge for accuracy.
5. Set the anti-skate control on your turntable to match the tracking force.



Image: A detailed view of the AudioOrigin cartridge, ready for installation.



Image: The AudioOrigin cartridge from a different angle, highlighting the connection pins.

2. Drive Belt Replacement

Replacing the drive belt is crucial for consistent platter speed. Ensure your turntable is unplugged before

starting.

1. Remove the turntable platter. This usually involves lifting it straight up after removing any mat. Some models may require removing a retaining clip or screw.
2. Locate the old drive belt. It will typically be stretched around the motor pulley and the inner rim of the platter or sub-platter.
3. Carefully remove the old belt.
4. Clean any residue from the motor pulley and the platter's inner rim with a lint-free cloth.
5. Place the new AudioOrigin drive belt around the motor pulley and then stretch it evenly around the inner rim of the platter or sub-platter. Ensure the belt is not twisted.
6. Carefully replace the platter, ensuring the belt remains correctly seated. Rotate the platter manually a few times to confirm the belt is stable.



Image: The AudioOrigin V2 Super Lube and the new drive belt.

3. Turntable Spindle Lubrication (V2 Super Lube)

Proper lubrication of the turntable spindle ensures smooth platter rotation and reduces wear. Use the provided V2 Super Lube sparingly.

1. With the platter removed (as in step 2), locate the central spindle bearing well.
2. Clean any old grease or dirt from the spindle and bearing well using a cotton swab and isopropyl alcohol. Allow to dry completely.
3. Apply 2-3 drops of AudioOrigin V2 Super Lube directly into the bearing well. Do not over-lubricate.
4. Carefully reinsert the platter onto the spindle, allowing the oil to distribute evenly. Rotate the platter manually for a minute to help spread the lubricant.



Image: The AudioOrigin V2 Turntable Spindle Oil bottle.

OPERATING YOUR TURNTABLE AFTER REFURBISHMENT

After installing the new components, your turntable should be ready for use. Follow these general guidelines:

- Ensure all connections are secure before powering on the turntable.
- Place a record on the platter and gently lower the tonearm onto the record.
- Listen for any unusual noises or inconsistencies in playback.
- Allow the new belt and lubricant to settle in over a few hours of use for optimal performance.

MAINTENANCE

- **Stylus Cleaning:** Regularly clean the stylus using a soft brush designed for stylus cleaning, brushing from back to front.
- **Record Care:** Keep your records clean to prolong stylus life and improve sound quality.
- **Belt Inspection:** Periodically inspect the drive belt for signs of wear, stretching, or cracking. Replace if necessary.
- **Spindle Lubrication:** Re-lubricate the spindle bearing every 1-2 years, or if you notice increased friction or noise, using V2 Super Lube.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No sound or distorted sound	Incorrect cartridge wiring; damaged stylus; incorrect tracking force.	Check wiring connections; inspect stylus for damage; adjust tracking force.
Platter not spinning or spinning too slowly	Drive belt dislodged or broken; motor issue; insufficient spindle lubrication.	Re-seat or replace drive belt; lubricate spindle; consult technician for motor issues.
Humming noise	Grounding issue; interference; cartridge not seated correctly.	Ensure turntable is properly grounded; move away from electronic devices; re-seat cartridge.

SPECIFICATIONS

- **Product:** AudioOrigin Turntable Refurbishment Kit
- **Compatibility:** PIONEER PL-A25, PL-2200, PL-330, PL-930, PL-X300 turntables
- **Kit Includes:** Cartridge with Stylus, Drive Belt, V2 Super Lube (10ml)
- **V2 Super Lube:** High-performance bearing oil for smooth running and turntable silence.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the AudioOrigin website or contact your retailer. Keep your purchase receipt as proof of purchase.

If you encounter issues not covered in this manual, please contact AudioOrigin customer service for assistance. You can often find contact details on the product packaging or the seller's online store page.