

Durpower EV PM3100DE, FISHER ST100-SD, JVC DT-39, SANYO ST100-SD

Durpower Replacement Turntable Stylus Instruction Manual

For EV PM3100DE, FISHER ST100-SD, JVC DT-39, SANYO ST100-SD, and other compatible models

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Durpower replacement turntable stylus. Adhering to these instructions will ensure optimal performance and longevity of your new stylus. This product is a high-quality replacement part designed to restore the audio fidelity of your record player.

2. COMPATIBILITY

The Durpower replacement stylus is compatible with a range of turntable models. Please verify that your existing cartridge matches the specifications for this stylus. If your turntable's cartridge has been changed from its original factory component, this stylus may not fit correctly.

Known Compatible Models:

- EV PM3100DE
- FISHER ST100-SD, FISHER ST-100SD
- JVC DT-39, JVC DT-39E
- SANYO ST100-SD
- And many other models from brands like SONY, KENWOOD, CROSLEY NOSTALGIA, ION.

3. SETUP AND INSTALLATION

Proper installation of the stylus is crucial for sound quality and to prevent damage to your records. Always handle the stylus with care, avoiding contact with the diamond tip.

Safety Precautions:

- Always turn off and unplug your record player before attempting any installation or maintenance.
- Avoid touching the stylus tip with your fingers, as oils and dirt can degrade performance.

- Keep the stylus out of reach of children.

Installation Steps:

1. **Remove Old Stylus:** Gently grasp the old stylus assembly (usually a small plastic housing) and pull it forward and slightly downward from the cartridge. It should detach with minimal force. Do not pull on the cantilever (the thin arm holding the diamond tip).
2. **Inspect Cartridge:** Ensure the cartridge is clean and free of debris.
3. **Install New Stylus:** Hold the new Durpower stylus by its plastic housing. Align the stylus with the cartridge opening. Gently push the stylus into the cartridge until it clicks or seats firmly into place. Do not force it.
4. **Verify Installation:** Visually inspect the stylus to ensure it is seated correctly and straight within the cartridge. The diamond tip should be visible and centered.



Figure 1: An example of a replacement turntable stylus. Note the plastic housing and the delicate diamond tip. Handle with care during installation.

4. OPERATING INSTRUCTIONS

Once the stylus is installed, you can resume normal operation of your record player. Always ensure the tonearm is balanced and the tracking force is set according to your turntable's specifications to prevent excessive wear on both the stylus and your records.

- **Gentle Handling:** Always lower the tonearm gently onto the record using the cueing lever, if available. Avoid dropping the tonearm onto the record.
- **Clean Records:** Play only clean records to prevent dirt and dust from accumulating on the stylus tip.
- **Proper Storage:** When not in use, ensure the tonearm is secured in its rest and the stylus guard (if provided with your cartridge) is in place.

5. MAINTENANCE

Regular maintenance of your stylus will prolong its life and maintain optimal sound quality.

- **Stylus Cleaning:** Use a dedicated stylus cleaning brush or fluid to gently remove dust and debris from the stylus tip. Always brush from back to front (from the cantilever towards the tip), never side-to-side or front-to-back.
- **Record Cleaning:** Keep your records clean using a record brush or cleaning solution to minimize the transfer of dirt to the stylus.
- **Inspection:** Periodically inspect the stylus tip for wear or damage. A worn stylus can damage your records and degrade sound quality.

6. TROUBLESHOOTING

If you encounter issues after installing your new stylus, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Poor sound quality (muffled, distorted)	Dirty stylus tip, incorrect tracking force, worn stylus, incorrect installation.	Clean stylus. Check and adjust tracking force. Re-install stylus. If problem persists, stylus may be worn.
Skipping or jumping	Dirty record, incorrect tracking force, damaged record, stylus not seated correctly.	Clean record. Check and adjust tracking force. Ensure stylus is fully seated. Inspect record for damage.
No sound or very low sound	Stylus not installed correctly, wiring issue in cartridge/tonerarm, amplifier/speaker issue.	Re-install stylus, ensuring it is fully seated. Check all audio connections. Test with another audio source if possible.

7. SPECIFICATIONS

- **Product Type:** Replacement Turntable Stylus
- **ASIN:** B0187BN33Y
- **Date First Available:** November 19, 2015
- **Stylus Type:** Stereo Diamond Replacement Needle

8. WARRANTY AND SUPPORT

For any questions regarding your Durpower replacement stylus, or if you require assistance with installation or troubleshooting that is not covered in this manual, please contact the seller or manufacturer directly. Please have your purchase information ready when contacting support.