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› NAGAOKA MP-100 & MP-100H Series Replacement Stylus JN-P100 Instruction Manual

Nagaoka JNP-100

NAGAOKA MP-100 & MP-100H Series Replacement Stylus JN-P100 Instruction Manual

Model: JN-P100

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1. INTRODUCTION

This manual provides essential instructions for the NAGAOKA JN-P100 Replacement Stylus, designed for use with NAGAOKA MP-100 and MP-100H Series cartridges. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your stylus.



Image: The NAGAOKA MP-100 Series Replacement Stylus JN-P100, featuring a red housing and a visible diamond tip.

2. SETUP

2.1 Unpacking

Carefully remove the JN-P100 replacement stylus from its packaging. Avoid touching the stylus tip directly to prevent damage.



Image: The NAGAOKA JN-P100 Replacement Stylus is shown in its clear plastic protective case, with the NAGAOKA Diamond Stylus JN-P100 branding visible.

2.2 Stylus Replacement

1. **Power Off:** Ensure your turntable is powered off and unplugged from the mains.
2. **Remove Old Stylus:** Gently grasp the body of the old stylus and pull it downwards and forwards away from the cartridge body. Do not twist or apply excessive force.
3. **Install New Stylus:** Align the new JN-P100 stylus with the cartridge body. Push it gently upwards and backwards until it clicks securely into place. Ensure it is flush with the cartridge body.
4. **Verify Installation:** Visually inspect the stylus to confirm it is correctly seated and the cantilever is straight.



Image: A side view of the NAGAOKA MP-100 Series Replacement Stylus JN-P100, highlighting its compact design and the stylus tip.

2.3 Tracking Force Adjustment

After installing the new stylus, it is crucial to set the correct tracking force for optimal sound quality and to prevent record wear. Refer to your turntable's instruction manual for specific guidance on adjusting the tracking force. The recommended tracking force for the NAGAOKA JN-P100 is typically between 1.8g and 2.3g, with 2.0g being the standard. Use a stylus force gauge for precise adjustment.

3. OPERATION

With the JN-P100 stylus correctly installed and tracking force set, your turntable is ready for use. Always handle records by their edges and ensure they are clean before playing.

3.1 Playing Records

1. Place a clean record on the turntable platter.
2. Unlock the tonearm and raise it using the cueing lever.
3. Position the stylus over the lead-in groove of the record.

4. Gently lower the tonearm using the cueing lever. The stylus will descend onto the record and begin playing.

3.2 Stopping Playback

1. Raise the tonearm using the cueing lever.
2. Return the tonearm to its rest and lock it in place.
3. Remove the record from the platter.

4. MAINTENANCE

Regular maintenance of your JN-P100 stylus is essential for preserving sound quality and extending its lifespan.

4.1 Stylus Cleaning

Clean the stylus tip regularly to remove dust and debris. Use a soft stylus brush, brushing gently from back to front (from the base of the cantilever towards the tip). Never brush from side to side or front to back, as this can damage the cantilever or stylus tip. Specialized stylus cleaning fluids can also be used sparingly, following the product's instructions.

4.2 Stylus Lifespan

The lifespan of a diamond stylus typically ranges from 500 to 1000 hours of playback, depending on factors such as record cleanliness, tracking force, and stylus care. A worn stylus can cause irreversible damage to your records and degrade sound quality. Consider replacing your stylus after approximately 500 hours of use or if you notice a significant decline in sound quality.

5. TROUBLESHOOTING

If you encounter issues with your NAGAOKA JN-P100 stylus, refer to the following common problems and solutions:

- **Poor Sound Quality (Distortion, Muffled Sound):**
 - Check if the stylus tip is clean.
 - Verify the tracking force is correctly set.
 - Ensure the stylus is securely seated in the cartridge.
 - Inspect the stylus for wear or damage. A worn stylus needs replacement.
- **Skipping or Jumping:**
 - Check if the record is clean and free of dust or debris.
 - Verify the tracking force is correctly set. Too light or too heavy can cause skipping.
 - Ensure the turntable is level.
 - Check for any physical damage to the stylus or cantilever.
- **No Sound or Intermittent Sound:**
 - Ensure all connections from the turntable to your amplifier/receiver are secure.
 - Check if the stylus is properly installed in the cartridge.
 - Confirm the amplifier/receiver is set to the correct input (e.g., Phono).

6. SPECIFICATIONS

The following specifications apply to the NAGAOKA JN-P100 Replacement Stylus:

Feature	Detail
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Feature	Detail
Model Number	JNP-100
Stylus Type	Diamond Elliptical
Compatible Cartridges	NAGAOKA MP-100, MP-100H
Material Type	Diamond
Item Weight	0.352 ounces (0.01 Kilograms)
Package Dimensions	2.56 x 2.28 x 0.71 inches
Color	Red
Manufacturer	Nagaoka Trading Co., Ltd.

6.1 Dimensions Diagram

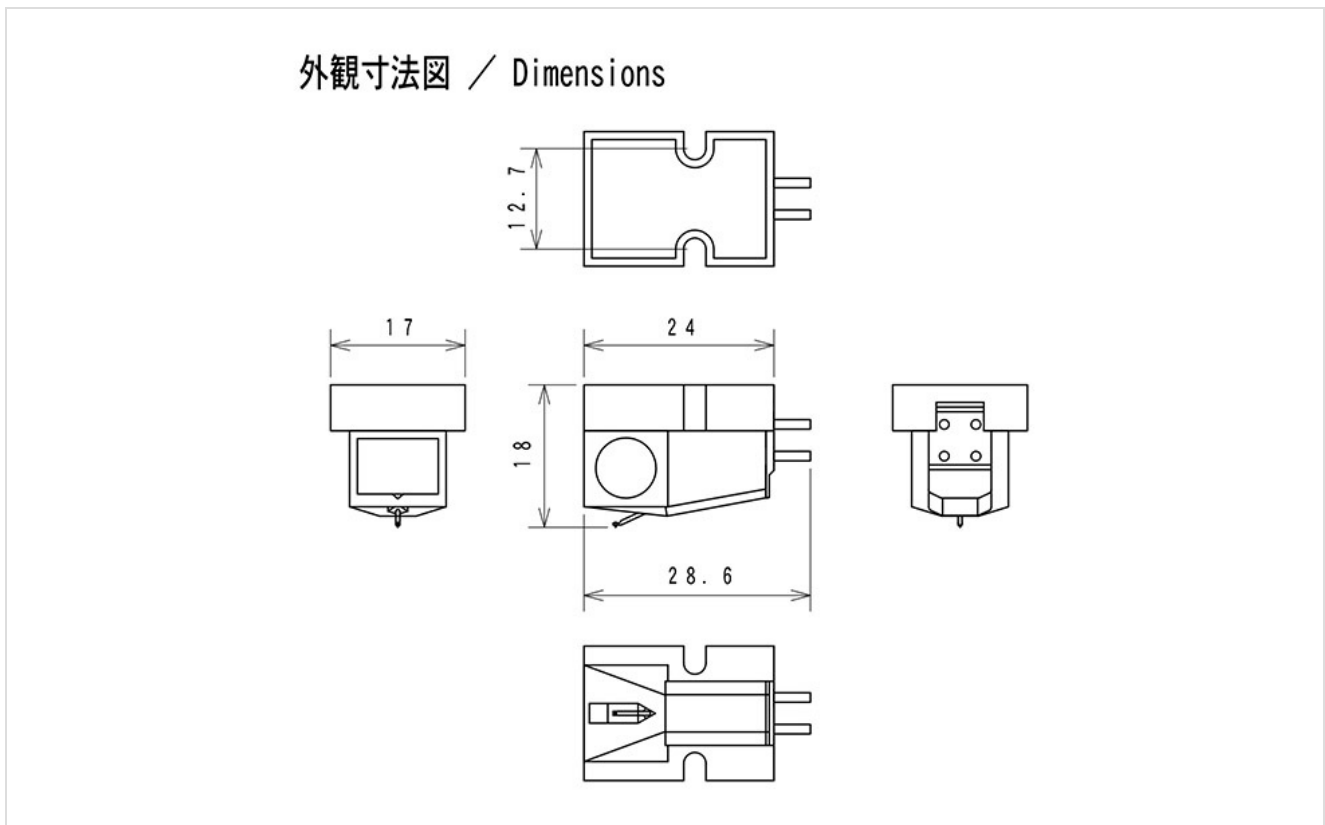


Image: A technical diagram illustrating the precise dimensions of the NAGAOKA stylus, including measurements in millimeters.

7. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact Nagaoka customer service or visit the official Nagaoka website. Keep your purchase receipt as proof of purchase.

Visit the [Nagaoka Store](#) for more products and information.

8. ABOUT NAGAOKA

Nagaoka Trading Co., Ltd. has a long history of manufacturing precision components, including record player needles. Their commitment to quality and precision ensures the best possible audio experience.



Image: The NAGAOKA company logo, featuring a stylized 'A' within a geometric design.



Image: An exterior view of the NAGAOKA factory building, covered in snow, showcasing the company's location.



Image: NAGAOKA employees working diligently at their stations, using microscopes for precise assembly of small components, highlighting the company's attention to detail.

8.1 Nagaoka Documentary

Your browser does not support the video tag.

Video: A documentary showcasing the history and manufacturing process of Nagaoka record player needles. This video provides insight into the precision and craftsmanship involved in producing these components.