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EverNice LO-3916-3

EverNice Replacement Loper Set for Juki MO-3916 Overlock Sewing Machines

Model: LO-3916-3 | Part Numbers: 119-99307, 121-76004, 121-20705

INTRODUCTION

This instruction manual provides guidance for the installation, function, and maintenance of the EverNice replacement looper set for Juki MO-3916 overlock sewing machines. This set includes the upper looper, lower looper, and chainstitch looper, essential components for proper stitch formation in your overlock machine. Please read these instructions carefully before attempting any installation or maintenance.

PRODUCT COMPONENTS

The EverNice looper set includes three distinct loopers, each playing a critical role in the overlock stitching process:

- **Upper Loper (Part # 119-99307):** Works in conjunction with the needle to form the upper thread loop.
- **Lower Loper (Part # 121-76004):** Interacts with the upper looper and needle to create the lower thread loop.
- **Chainstitch Loper (Part # 121-20705):** Forms the chainstitch, often used for securing seams or decorative purposes.



Image 1: The EverNice looper set. The upper looper (part # 119-99307) is visible in the center-right. The lower looper (part # 121-76004) is at the top. The chainstitch looper (part # 121-20705) is on the bottom-left.

SETUP AND INSTALLATION

Replacing loopers requires precision. Always refer to your Juki MO-3916 overlock sewing machine's official service manual for detailed, model-specific instructions. The following steps are general guidelines:

1. **Safety First:** Turn off and unplug your sewing machine before beginning any installation or maintenance.
2. **Access the Looper Area:** Open the front and side covers of your Juki MO-3916 to access the looper mechanism.
3. **Remove Old Loopers:** Carefully loosen the screws holding the existing loopers in place. Note the exact position and orientation of each looper before removal. It is often helpful to take photos.
4. **Install New Loopers:**
 - Identify the correct replacement looper (upper, lower, or chainstitch) from the EverNice set.
 - Position the new looper precisely as the old one was removed. Ensure it sits correctly in its mounting bracket.
 - Gently tighten the retaining screw(s). Do not overtighten, as this can damage the looper or the machine.

- 5. Timing and Adjustment:** After installation, the loopers must be correctly timed with the needles. This is a critical step that ensures proper stitch formation and prevents needle breakage. Refer to your machine's service manual for precise timing procedures. If you are unsure, it is recommended to consult a qualified sewing machine technician.
- 6. Test Stitching:** Once installed and adjusted, re-thread the machine and perform test stitching on scrap fabric to verify correct operation and stitch quality.

OPERATING PRINCIPLES

The loopers are integral to the overlock machine's ability to create strong, professional seams. They work in a synchronized motion with the needles to interlock threads:

- The needles penetrate the fabric, carrying the needle threads.
- As the needles rise, they form loops of thread on the underside of the fabric.
- The upper and lower loopers pass through these needle thread loops, catching and spreading the threads.
- The looper threads then interlock with each other and the needle threads, forming the characteristic overlock stitch.
- The chainstitch looper, if engaged, creates an additional chainstitch for added strength or decorative effect.

Properly installed and timed loopers ensure consistent stitch quality, preventing skipped stitches, loose threads, or thread breakage.

MAINTENANCE

Regular maintenance of your loopers and sewing machine will extend their lifespan and ensure optimal performance:

- **Cleaning:** Periodically clean lint and thread debris from around the loopers and feed dogs using a small brush or vacuum. Accumulated lint can interfere with looper movement and stitch formation.
- **Inspection:** Regularly inspect the loopers for any signs of wear, bending, nicks, or burrs. Even minor damage can cause thread breakage or skipped stitches. Replace damaged loopers promptly.
- **Oiling:** Refer to your Juki MO-3916 machine's manual for specific oiling points and frequency. Proper lubrication of moving parts, including the looper shafts, is crucial.
- **Storage:** When not in use, store your machine in a clean, dry environment to prevent rust or corrosion on metal parts like the loopers.

TROUBLESHOOTING

If you encounter issues after installing new loopers, consider the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
|--------------------------|--|--|
| Skipped Stitches | Incorrect looper timing, bent looper, incorrect needle size/type, improper threading. | Check looper timing (refer to machine manual), inspect loopers for damage, ensure correct needles are used, re-thread machine carefully. |
| Thread Breakage | Rough spots or burrs on loopers, incorrect thread tension, damaged needles, poor quality thread. | Inspect loopers for damage and smooth any rough edges, adjust thread tension, replace needles, use high-quality thread. |
| Loose or Uneven Stitches | Incorrect thread tension, improper looper adjustment, lint accumulation. | Adjust thread tension, verify looper positioning and timing, clean looper area. |

For persistent issues, it is advisable to consult your Juki MO-3916 service manual or seek assistance from a professional sewing machine technician.

SPECIFICATIONS

| Feature | Detail |
|-----------------------|--|
| Brand | EverNice |
| Compatibility | Juki MO-3916 Overlock Sewing Machines |
| Part Numbers Included | 119-99307 (Upper Looper), 121-76004 (Lower Looper), 121-20705 (Chainstitch Looper) |
| Model Number | LO-3916-3 |
| Material | Stainless Steel |
| UPC | 741025404854 |

WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the EverNice official website or contact the retailer from whom the product was purchased. Always retain your proof of purchase for warranty claims.