

- Manuals.plus /
- > JUKI /
 - > Juki Lower Looper 119-99307 for MO-3714, MO-3914, MO-6714 Overlock Sewing Machines Instruction Manual

JUKI 11999307

Juki Lower Looper 119-99307 Instruction Manual

For MO-3714, MO-3914, MO-6714 Overlock Sewing Machines

INTRODUCTION

This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of the Juki Lower Looper, part number 119-99307. This genuine Juki component is designed to ensure optimal performance and stitch quality in compatible Juki overlock sewing machines. Please read these instructions carefully before attempting any installation or maintenance.

PRODUCT OVERVIEW



A close-up view of the Juki Lower Looper, part number 119-99307. The metallic component features a curved, pointed tip and a flat body with mounting holes, designed for precise thread handling in overlock sewing machines. The part number '119993' is visible on its surface.

The Juki Lower Looper 119-99307 is a critical component in the stitch formation mechanism of Juki overlock machines. It works in conjunction with the upper looper and needles to create secure, professional-looking overlock stitches. Manufactured to Juki's specifications, this genuine part ensures precise timing and durability.

COMPATIBILITY

This lower looper (part number 119-99307) is compatible with the following Juki Overlock sewing machine models:

- Juki MO-3714
- Juki MO-3914
- Juki MO-6714

Always verify your machine's model number before installing any replacement parts.

SETUP (INSTALLATION)

Replacing the lower looper requires careful attention to detail. If you are unsure about any step, consult your machine's primary instruction manual or seek assistance from a qualified technician.

1. **Safety First:** Turn off and unplug your overlock sewing machine from the power outlet before beginning any installation or maintenance.
2. **Access the Looper Area:** Open the front and side covers of your overlock machine to gain access to the looper mechanism. Refer to your machine's manual for specific instructions on accessing this area.
3. **Remove Old Looper:** Carefully loosen the screw(s) that secure the existing lower looper. Gently remove the old looper, noting its exact position and orientation.
4. **Install New Looper:** Position the new Juki Lower Looper 119-99307 in the same orientation as the old one. Ensure it seats correctly into its designated slot.
5. **Secure the Looper:** Tighten the securing screw(s) firmly, but do not overtighten, as this can damage the part or the machine.
6. **Check Clearance and Movement:** Manually turn the handwheel slowly to observe the movement of the new lower looper. Ensure it moves freely and does not interfere with other components, especially the upper looper and needles. There should be proper clearance.
7. **Reassemble:** Close all machine covers.
8. **Test:** Plug in the machine and perform a test stitch on scrap fabric to confirm proper function and stitch quality. Adjust tension if necessary.

OPERATING (FUNCTION)

The lower looper plays a crucial role in forming the overlock stitch. As the needles penetrate the fabric, the lower looper catches the needle thread loops. It then carries its own thread (lower looper thread) around the edge of the fabric, interlocking with the upper looper thread and the needle threads to create a strong, finished seam. Proper installation and an undamaged looper are essential for consistent stitch formation and preventing skipped stitches or thread breakage.

MAINTENANCE

Regular maintenance of your overlock machine, including the looper area, will extend the life of your machine and ensure optimal performance.

- **Cleaning:** Frequently remove lint and thread debris from around the lower looper and its mounting area using a small brush or vacuum. Accumulated lint can impede movement and affect stitch quality.
- **Inspection:** Periodically inspect the lower looper for any signs of wear, bending, nicks, or burrs. Even minor damage can cause thread breakage or skipped stitches. If damage is observed, replace the looper.
- **Lubrication:** While the looper itself typically does not require lubrication, ensure that the moving parts of the

looper mechanism are oiled according to your machine's specific lubrication schedule outlined in its main manual.

TROUBLESHOOTING

If you experience issues with your overlock machine after installing or while using the lower looper, consider the following common troubleshooting steps:

- **Skipped Stitches:**
 - Ensure the lower looper is installed correctly and securely.
 - Check for proper needle installation (correct type, size, and orientation).
 - Verify that the machine is threaded correctly for all threads.
 - Inspect the looper for any damage or burrs.
- **Thread Breakage (Lower Looper Thread):**
 - Check for nicks or rough spots on the looper that could snag the thread.
 - Ensure the lower looper thread tension is not too high.
 - Verify the thread path is clear and free of obstructions.
 - Use good quality thread.
- **Poor Loop Formation:**
 - Confirm correct thread tension settings for all threads.
 - Ensure the looper is not bent or misaligned.
 - Clean any lint or debris from the looper area.

For persistent issues, consult your machine's comprehensive troubleshooting guide or contact a certified Juki service technician.

SPECIFICATIONS

Part Number	119-99307
Part Type	Lower Looper
Brand	JUKI
Compatible Models	MO-3714, MO-3914, MO-6714

WARRANTY AND SUPPORT

Warranty information for the Juki Lower Looper 119-99307 is typically provided by the original seller or JUKI directly at the time of purchase. Please retain your proof of purchase for any warranty claims.

For technical support, complex repairs, or to purchase additional genuine Juki parts, please contact an authorized Juki dealer or service center. Using non-genuine parts may void your machine's warranty and affect its performance.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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