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› EverNice Compensating Resser Foot & Walking Foot Set for JUKI DLU-490, DLU-5490 Sewing Machines - Instruction Manual

EverNice PF5490-5

EverNice Compensating Resser Foot & Walking Foot Set

INSTRUCTION MANUAL FOR JUKI DLU-490, DLU-5490

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your EverNice Compensating Resser Foot and Walking Foot Set. This set is specifically designed for use with JUKI DLU-490 and JUKI DLU-5490 bottom and variable top feed lockstitch industrial sewing machines. Proper use of these presser feet can significantly enhance sewing precision and fabric handling.



Image 1.1: The EverNice Compensating Resser Foot (left) and Walking Foot (right) components. The compensating resser foot features a spring-loaded guide for consistent seam allowances, while the walking foot component ensures even feeding of multiple fabric layers.

2. Setup and Installation

Before installation, ensure your sewing machine is turned off and unplugged for safety. Refer to your JUKI DLU-490 or DLU-5490 machine's manual for specific presser foot removal and attachment procedures.

2.1. Attaching the Compensating Resser Foot

1. Raise the presser foot lever to its highest position.
2. Loosen the screw that secures the current presser foot to the presser bar. Remove the existing foot.
3. Align the Compensating Resser Foot with the presser bar. Ensure the needle passes through the foot's opening correctly.
4. Tighten the screw securely to hold the foot in place. Do not overtighten.



Image 2.1: An angled view of the foot set, showing the attachment point on the compensating resser foot. This perspective highlights the robust construction and the spring mechanism of the resser foot.

2.2. Attaching the Walking Foot Component

The walking foot component is typically integrated into the machine's feeding mechanism or attached in conjunction with a specific presser foot. For the JUKI DLU-490/5490, this component works with the bottom and variable top feed system. Ensure it is correctly seated and aligned with the machine's feed dogs.

1. Refer to your JUKI machine's service manual for precise instructions on installing or verifying the walking foot mechanism's engagement.
2. Ensure the feed dogs are clean and free of lint or debris for optimal performance.



Image 2.2: This view shows the underside of the compensating resser foot and the walking foot component, highlighting the textured surface of the walking foot for enhanced grip on fabric.

3. Operating Instructions

3.1. Using the Compensating Resser Foot

The Compensating Resser Foot is designed to maintain a consistent seam allowance, especially when sewing along edges or creating topstitching. The spring-loaded guide on the foot presses against the fabric edge, ensuring an even distance from the edge as you sew.

- **Edge Stitching:** Position the fabric so its edge aligns with the guide on the resser foot. The guide will automatically compensate for minor variations, resulting in a straight and even stitch line.
- **Topstitching:** Use this foot for decorative topstitching or when sewing along a folded edge to achieve a professional finish.

3.2. Using the Walking Foot (Integrated with Machine Feed)

The walking foot mechanism, in conjunction with the bottom feed, ensures that multiple layers of fabric, or slippery/bulky materials, feed evenly through the machine. This prevents shifting, puckering, and uneven seams.

- **Layered Fabrics:** Ideal for quilting, sewing thick interfacings, or working with multiple fabric layers where differential feeding could cause issues.
- **Slippery Materials:** Effectively handles materials like silk, vinyl, or leather by gripping both the top and bottom layers simultaneously.
- **Pattern Matching:** Helps maintain precise alignment when sewing patterned fabrics.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your presser feet.

- **Cleaning:** Periodically remove the presser feet and use a soft brush or compressed air to clean any lint or thread buildup, especially around the spring mechanism of the compensating resser foot and the textured surface of the walking foot component.
- **Inspection:** Regularly inspect the feet for any signs of wear, damage, or bending. Replace if necessary to prevent damage to your machine or fabric.
- **Storage:** Store the presser feet in a clean, dry place when not in use to prevent corrosion or damage.

5. Troubleshooting

Problem	Possible Cause	Solution
Uneven stitches or fabric shifting	Incorrect presser foot pressure; walking foot not engaged properly; lint in feed dogs.	Adjust presser foot pressure (refer to machine manual); ensure walking foot component is correctly installed and engaged; clean feed dogs.
Fabric not feeding smoothly	Presser foot too tight; feed dogs worn or dirty; foot damaged.	Reduce presser foot pressure; clean feed dogs; inspect presser foot for damage and replace if necessary.
Compensating guide not maintaining even seam	Guide spring dirty or damaged; fabric too thick/thin for guide.	Clean guide spring; ensure fabric is suitable for the guide's compensation range.

6. Specifications

- **Product Name:** Compensating Resser Foot & Walking Foot Set
- **Brand:** EverNice
- **Model Number:** PF5490-5
- **Compatibility:** JUKI DLU-490, JUKI DLU-5490 Bottom and variable top feed lockstitch machines
- **Material:** Industrial-grade metal alloy
- **UPC:** 718245105489

7. Warranty and Support

For warranty information or technical support regarding your EverNice Compensating Resser Foot & Walking Foot Set, please contact the retailer where you purchased the product or visit the official EverNice website. Please have your model number (PF5490-5) and purchase details available when contacting support. You can find more information about EverNice products at the [EverNice Store on Amazon](#).

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

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