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> Janome MyLock 454D Serger Instruction Manual

## Janome 454D

# Janome MyLock 454D Serger Instruction Manual

Model: 454D

## 1. INTRODUCTION

Welcome to the Janome MyLock 454D Serger instruction manual. This document provides essential information for the safe and effective operation, setup, and maintenance of your new serger. The MyLock 454D is designed for professional-level sewing performance, featuring an enhanced feed system, an 8-piece feed dog, and simplified threading. Please read this manual thoroughly before using the machine.



**Image 1.1:** Front view of the Janome MyLock 454D Serger. This image displays the main body of the serger, including the Janome branding, tension dials, and needle area.

## 2. IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic safety precautions should always be followed, including the following:

- Read all instructions before using this serger.
- Keep these instructions in a convenient place near the machine.
- To reduce the risk of electric shock, always unplug the serger from the electrical outlet immediately after using and before cleaning.
- Always unplug before changing bulbs, threading, or removing/attaching any parts.
- Never operate this serger if it has a damaged cord or plug, if it is not working properly, or if it has been dropped or

damaged.

- Keep fingers away from all moving parts. Special care is required around the serger needles.
- Use only accessories recommended by the manufacturer.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administered.

## **3. SETUP AND INITIAL PREPARATION**

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### **3.1 Unpacking and Placement**

Carefully remove the serger from its packaging. Place the machine on a stable, level surface. Ensure adequate space around the machine for comfortable operation and fabric handling.

### **3.2 Power Connection**

Connect the power cord to the serger and then to a suitable electrical outlet. The machine operates on 120V, 60Hz.



Image 3.1: Rear view of the serger, showing the power switch and power cord connection point.

### 3.3 Threading the Serger

The MyLock 454D features an Easy Threading Looper and color-coded thread guides to simplify the threading process.

1. Raise the presser foot and open the front cover.
2. Follow the color-coded threading paths indicated on the machine's interior.
3. Utilize the Easy Threading Looper for the lower looper thread.
4. Ensure threads are seated correctly in the tension discs.

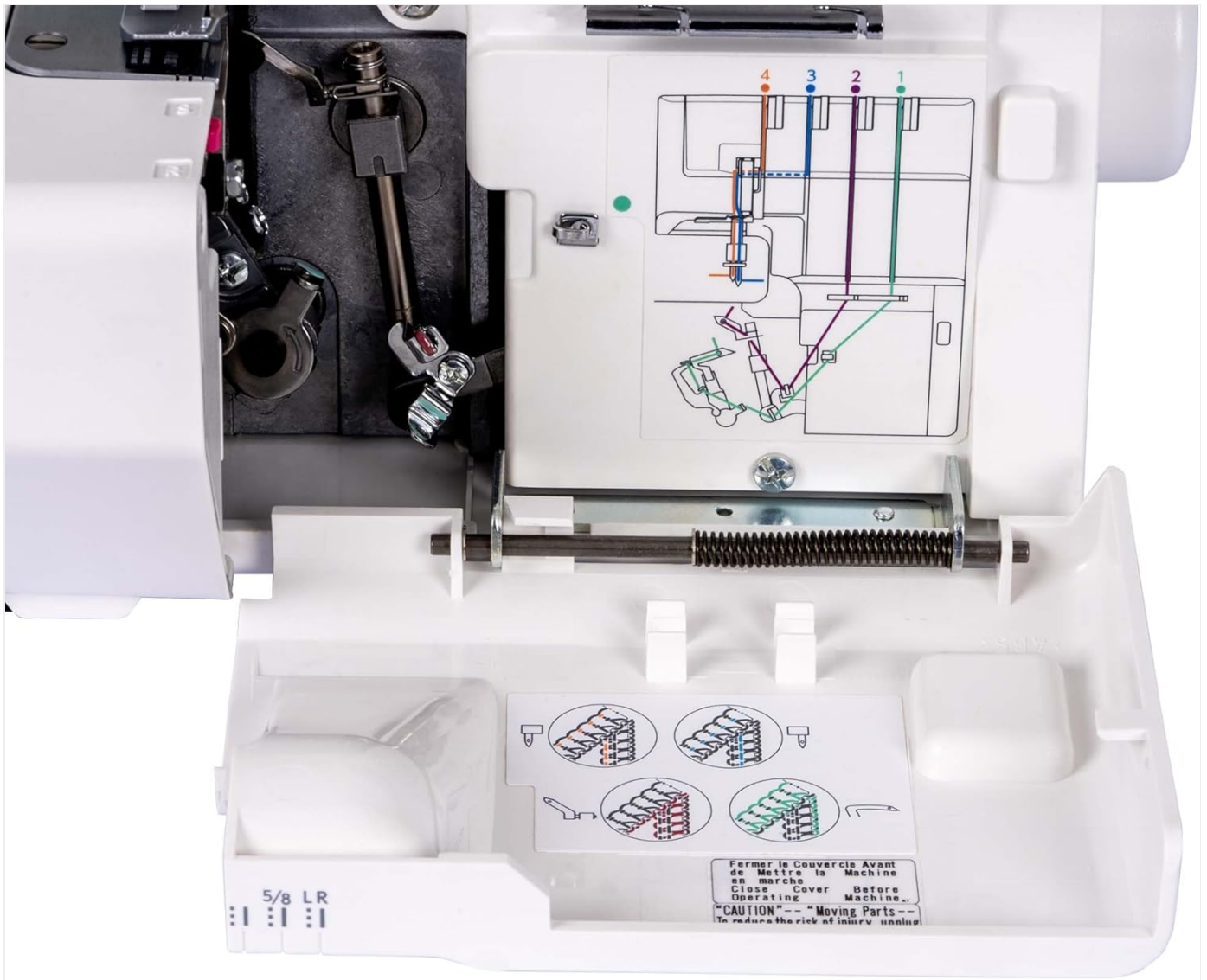


Image 3.2: The serger with its front cover open, revealing the internal threading diagram and components.



Image 3.3: Close-up of the color-coded tension dials, crucial for proper thread tension.

### 3.4 Needle Installation

This serger uses HA-1SP needles, sizes #11-14. Always ensure the needle is inserted correctly and securely.



Image 3.4: Detail of the needle area, showing the recommended needle type (HA-1SP) and sizes (#11-14).

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Operation

The Janome MyLock 454D operates at a maximum speed of 1,300 stitches per minute. Use the foot controller to regulate speed.

- **3 and 4 Thread Convertible:** This machine can be easily converted between 3-thread and 4-thread overlock

stitches.

- **1 and 2 Needle Operation:** Depending on your project, you can use one or two needles. Refer to the threading guide for specific configurations.

## 4.2 Adjustments for Different Fabrics

The MyLock 454D is equipped with features to handle a wide range of fabrics, from delicate to heavy.

- **Differential Feed Ratio:** Adjust the differential feed from 0.5mm to 2.25mm to prevent stretching on knits or puckering on fine fabrics.
- **Adjustable Foot Pressure:** Modify the presser foot pressure to suit the thickness of your fabric, ensuring even feeding.
- **Adjustable Cutting Width:** The cutting width can be adjusted from 3.1mm to 7.3mm. This allows for precise trimming of seam allowances.
- **Adjustable Stitch Length:** Set the stitch length between 1mm and 4mm for various stitch types and fabric requirements.
- **Enhanced Feed System:** The 8-piece feed dog and newly designed presser foot provide improved fabric handling.



Image 4.1: Angled view of the serger, highlighting the various adjustment dials for stitch length, differential feed, and cutting width.

## 4.3 Quick Change Rolled Hem

The MyLock 454D features a quick-change rolled hem function, allowing for easy transition to decorative rolled hem

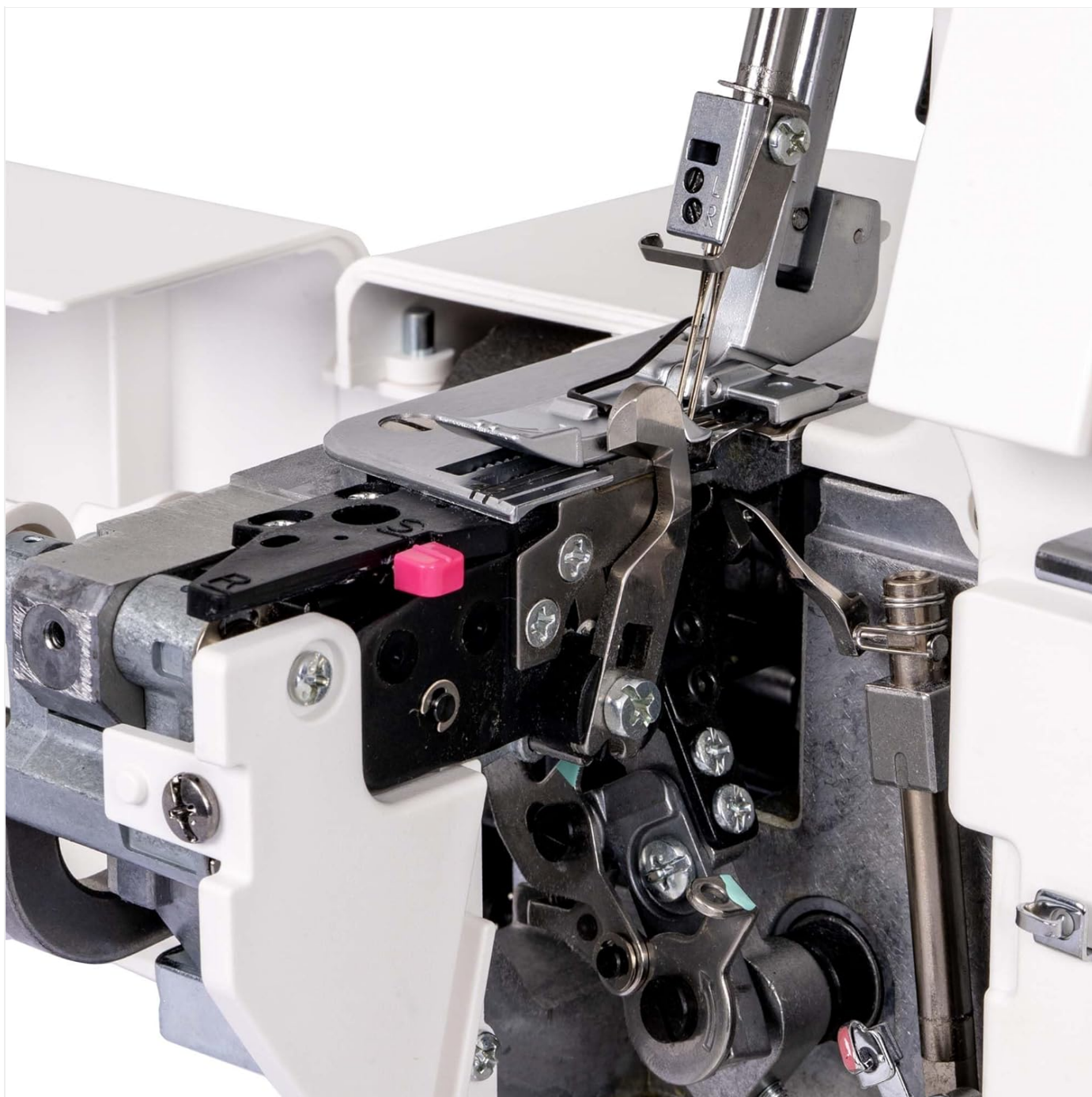
stitches without changing the needle plate. Refer to your machine's specific instructions for engaging this feature.

## 5. MAINTENANCE AND CARE

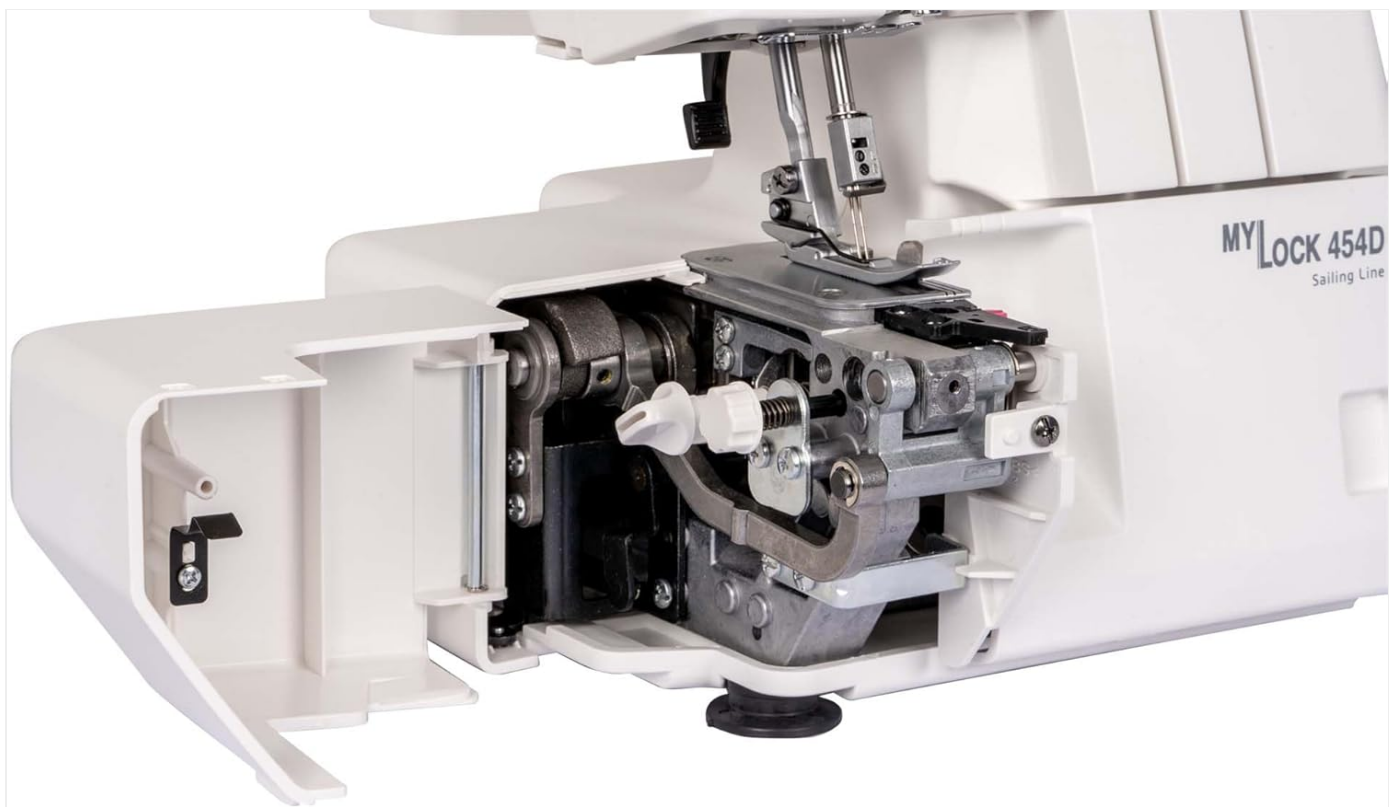
Regular maintenance ensures the longevity and optimal performance of your Janome MyLock 454D Serger.

### 5.1 Cleaning

- Always unplug the machine before cleaning.
- Use a soft brush to remove lint and dust from the looper area, feed dogs, and around the knife.
- Wipe the exterior surfaces with a soft, dry cloth. Avoid harsh chemicals.



**Image 5.1:** Close-up view of the lower looper mechanism, an area that requires regular cleaning to prevent lint buildup.



**Image 5.2:** Internal view of the serger with the cover open, showing components that may need cleaning.

## 5.2 Lubrication

Consult your full Janome MyLock 454D service manual for specific lubrication points and recommended lubricants. Generally, a few drops of sewing machine oil on moving metal parts can help maintain smooth operation.

## 5.3 Needle Replacement

Replace needles regularly, especially if they become bent, dull, or if you experience skipped stitches. Always use the correct needle type (HA-1SP) and size (#11-14).

# 6. TROUBLESHOOTING GUIDE

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This section addresses common issues you might encounter. For more complex problems, contact Janome customer support or a qualified service technician.

## 6.1 Common Issues and Solutions

- **Skipped Stitches:**

- Check if needles are inserted correctly and are not bent or dull.
- Ensure proper threading, especially through the tension discs.
- Verify that the correct needle type (HA-1SP) is being used.

- **Thread Breakage:**

- Re-thread the machine, ensuring no tangles or snags.
- Adjust tension dials; tension may be too high.
- Check for burrs or rough spots on thread guides or needle plate.
- Use good quality thread.

- **Fabric Not Feeding Evenly:**

- Adjust the differential feed ratio.
- Ensure the presser foot pressure is appropriate for the fabric thickness.
- Clean lint from the feed dogs.

- **No Power:**

- Check power cord connection to both the machine and the outlet.
- Ensure the power switch is in the "ON" position.

## 7. PRODUCT SPECIFICATIONS

<b>Model</b>	Janome MyLock 454D
<b>Stitch Type</b>	3 and 4 Thread Convertible, 1 and 2 Needle Operation
<b>Maximum Speed</b>	1,300 stitches per minute
<b>Adjustable Cutting Width</b>	3.1mm to 7.3mm
<b>Adjustable Stitch Length</b>	1mm to 4mm
<b>Differential Feed Ratio</b>	0.5mm to 2.25mm
<b>Needle Type</b>	HA-1SP (#11-14)
<b>Dimensions (L x W x H)</b>	9 x 12 x 12 inches
<b>Item Weight</b>	14 pounds
<b>Manufacturer</b>	Janome
<b>UPC</b>	732212488238

## 8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Janome website or contact your authorized Janome dealer. Keep your purchase receipt as proof of purchase.

You can visit the official Janome store for more information: [Janome Store](#).

