

## Blooy LH-3568A-7

# Blooy LH-3568A-7 Industrial Double Needle Sewing Machine Gauge Set Instruction Manual

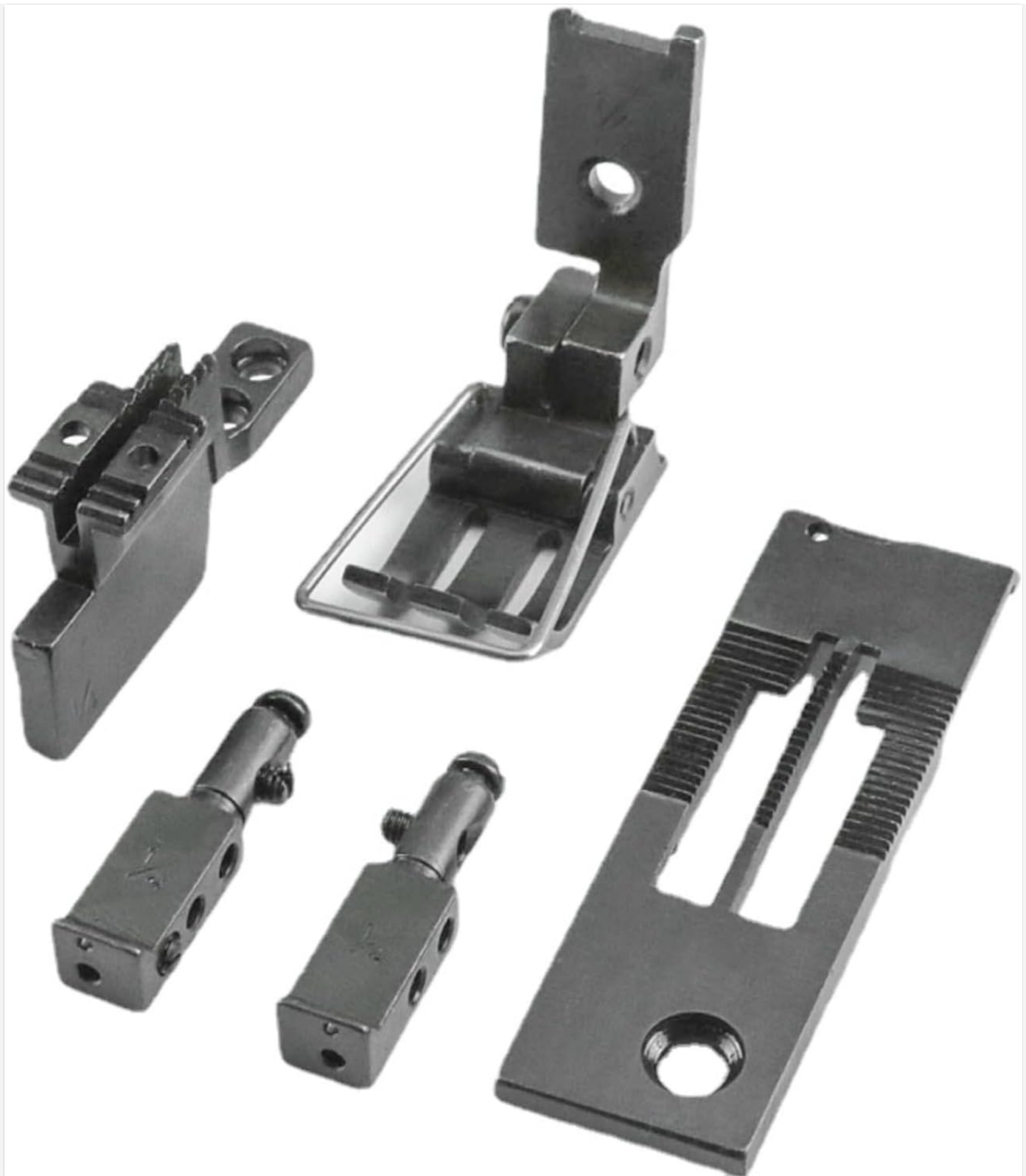
Model: LH-3568A-7

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Blooy LH-3568A-7 Gauge Set. This set is specifically designed to ensure precise needle spacing for JUKI LH-3568A-7 industrial double needle sewing machines. Proper use and care of this gauge set will help maintain the quality and consistency of your sewing operations.

## 2. PRODUCT OVERVIEW

The Blooy LH-3568A-7 Gauge Set is a complete assembly of components critical for setting the correct needle distance on compatible industrial sewing machines. Each set includes a Presser Foot, Needle Plate, Feed Dog, and Needle Clamps, all engineered for durability and precision.



*Figure 1: Overview of the complete Blooy LH-3568A-7 Gauge Set, showing the presser foot, needle plate, feed dog, and needle clamps.*

## 2.1 Components Included

- **Presser Foot:** Holds fabric firmly in place during sewing.
- **Needle Plate:** Provides a flat surface for fabric and guides the needles.
- **Feed Dog:** Moves fabric under the needle in conjunction with the presser foot.
- **Needle Clamps:** Securely hold the sewing machine needles.

## 2.2 Needle Distance Options

The gauge set is available in various needle distances to suit different sewing requirements. This specific product variant

is for the 1/4 inch (6.4mm) needle distance.

- **1/8 inch:** 3.2mm
- **3/16 inch:** 4.8mm
- **1/4 inch:** 6.4mm (This product variant)

### 3. COMPATIBILITY

This Blooy Gauge Set is designed exclusively for use with the **JUKI LH-3568A-7 Industrial Double Needle Sewing Machine**. Ensure your machine model matches this specification for proper fit and function. Using this gauge set with incompatible machines may result in damage to the machine or the gauge set components, and may compromise sewing quality.

### 4. SETUP AND INSTALLATION

Installation of the gauge set requires careful attention to detail. It is recommended that installation be performed by a qualified sewing machine technician or an experienced operator familiar with industrial sewing machine maintenance. Always refer to your JUKI LH-3568A-7 machine's official service manual for specific instructions regarding component replacement.

#### 4.1 General Installation Steps (Consult Machine Manual for Details)

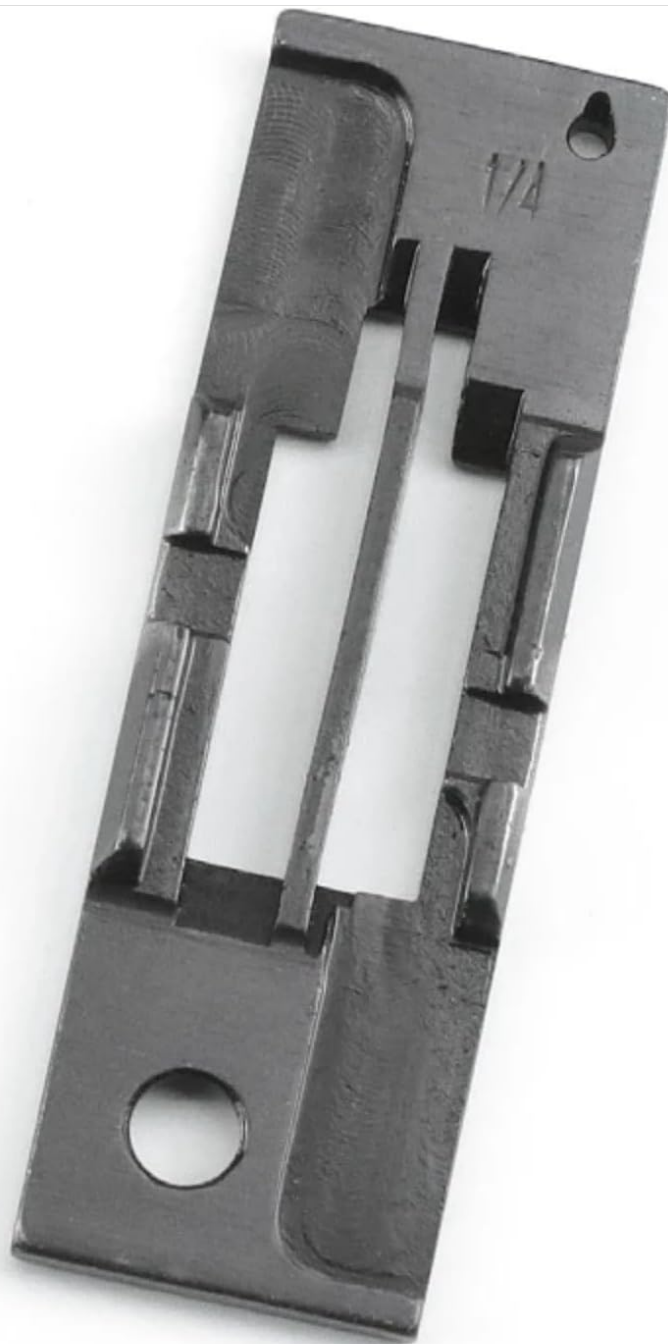
1. **Power Off:** Disconnect the sewing machine from its power source to prevent accidental operation.
2. **Remove Existing Components:** Carefully remove the existing presser foot, needle plate, feed dog, and needle clamps. Keep track of all screws and small parts.
3. **Install New Needle Plate:** Position the new needle plate (Figure 2) onto the machine bed, aligning it with the screw holes. Secure it with the appropriate screws, ensuring it is flush and stable.



## JSEWING ACCESSORIES

*Figure 2: The Blooy LH-3568A-7 Needle Plate, showing the needle holes and feed dog slots.*

4. **Install New Feed Dog:** Attach the new feed dog (Figure 3) to its mechanism under the needle plate. Ensure it moves freely and is properly aligned with the needle plate slots.



## JSEWING ACCESSORIES

*Figure 3: The Blooy LH-3568A-7 Feed Dog, designed to move fabric precisely.*

5. **Install New Presser Foot:** Mount the new presser foot (Figure 4) onto the presser bar. Ensure it is securely fastened and can be raised and lowered smoothly.



JSEWING ACCESSORIES

*Figure 4: The Blooy LH-3568A-7 Presser Foot, used to hold fabric during sewing.*

6. **Install New Needle Clamps:** Attach the new needle clamps (Figure 5) to the needle bar. Insert appropriate needles for your sewing application and tighten the clamp screws securely.



## JSEWING ACCESSORIES

*Figure 5: The Blooy LH-3568A-7 Needle Clamps, designed to hold two needles at a precise distance.*

7. **Test and Adjust:** Manually turn the machine's handwheel to ensure all components move freely and do not interfere with each other. Perform test stitches on scrap fabric to verify proper function and stitch quality.

## 5. OPERATING INSTRUCTIONS

Once the Blooy LH-3568A-7 Gauge Set is correctly installed, the machine will operate with the specified needle distance (e.g., 1/4 inch or 6.4mm for this variant). The gauge set itself does not require specific operational steps beyond its initial installation. Its function is to provide the mechanical foundation for consistent double-needle stitching.

- Ensure needles are correctly inserted and tightened in the needle clamps.
- Thread the machine according to your JUKI LH-3568A-7 machine's manual.
- Adjust tension settings as needed for your specific fabric and thread combination.
- Regularly inspect the gauge set components for wear or damage during operation.

## 6. MAINTENANCE

Proper maintenance extends the lifespan of your gauge set and ensures consistent sewing performance.

- **Cleaning:** Regularly clean lint and thread debris from the needle plate, feed dog, and presser foot areas using a

brush or compressed air.

- **Inspection:** Periodically inspect all components for signs of wear, bending, or damage. Pay close attention to the feed dog teeth and the needle holes in the needle plate.
- **Replacement:** If any component shows significant wear or damage, replace the entire gauge set or the affected part to maintain stitch quality and prevent machine damage.
- **Lubrication:** Refer to your JUKI machine's manual for lubrication points around the feed dog and needle bar mechanisms.

## 7. TROUBLESHOOTING

If you encounter issues after installing the gauge set, consider the following common troubleshooting steps:

- **Skipped Stitches:**
  - Ensure needles are correctly inserted and not bent.
  - Verify the needle plate and feed dog are securely fastened and aligned.
  - Check for proper needle system and size for your machine and fabric.
- **Uneven Stitching:**
  - Confirm the presser foot is installed correctly and applies even pressure.
  - Inspect the feed dog for wear or damage that might affect fabric feeding.
  - Adjust thread tension.
- **Needle Breakage:**
  - Ensure needles are not hitting the needle plate or presser foot. Re-check installation and alignment.
  - Verify the correct needle size and type for the material being sewn.
- **Machine Jamming:**
  - Immediately power off the machine.
  - Inspect for loose threads or fabric caught in the feed dog or bobbin area.
  - Ensure all gauge set components are securely installed and not obstructing movement.

For persistent issues, consult your JUKI LH-3568A-7 machine's service manual or contact a professional sewing machine technician.

## 8. SPECIFICATIONS

| Feature                        | Detail                                                  |
|--------------------------------|---------------------------------------------------------|
| Brand                          | Blooy                                                   |
| Model Number                   | LH-3568A-7                                              |
| Compatible Machine             | JUKI LH-3568A-7 Industrial Double Needle Sewing Machine |
| Needle Distance (This Variant) | 1/4 inch (6.4mm)                                        |
| Product Dimensions             | 3.54 x 2.36 x 1.97 inches                               |
| Item Weight                    | 3.53 ounces                                             |

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| UPC                 | 794697683232                                        |
| Components Included | Presser Foot, Needle Plate, Feed Dog, Needle Clamps |

## 9. WARRANTY AND SUPPORT

For specific warranty information regarding your Blooy LH-3568A-7 Gauge Set, please refer to the retailer's purchase terms or contact the manufacturer directly. As this is a replacement part, warranty coverage typically applies to manufacturing defects.

For technical support or inquiries, please visit the [Blooy brand page on Amazon](#) or contact your original point of purchase.

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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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