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Blooy LH-3568A-7

Blooy Gauge Set Instruction Manual

Model: LH-3568A-7
For JUKI LH-3568A-7 Industrial Double Needle Sewing Machine

1. PRODUCT OVERVIEW

This Blooy Gauge Set is designed specifically for the JUKI LH-3568A-7 Industrial Double Needle Sewing Machine. It is a complete set of essential components required for precise double-needle stitching, ensuring accurate needle distance for various sewing applications.

The set includes a Presser Foot, Needle Plate, Feed Dog, and Needle Clamp, all calibrated to specific needle distances to facilitate professional-grade sewing.



Figure 1: Overview of the complete Blooy Gauge Set components.

2. PACKAGE CONTENTS

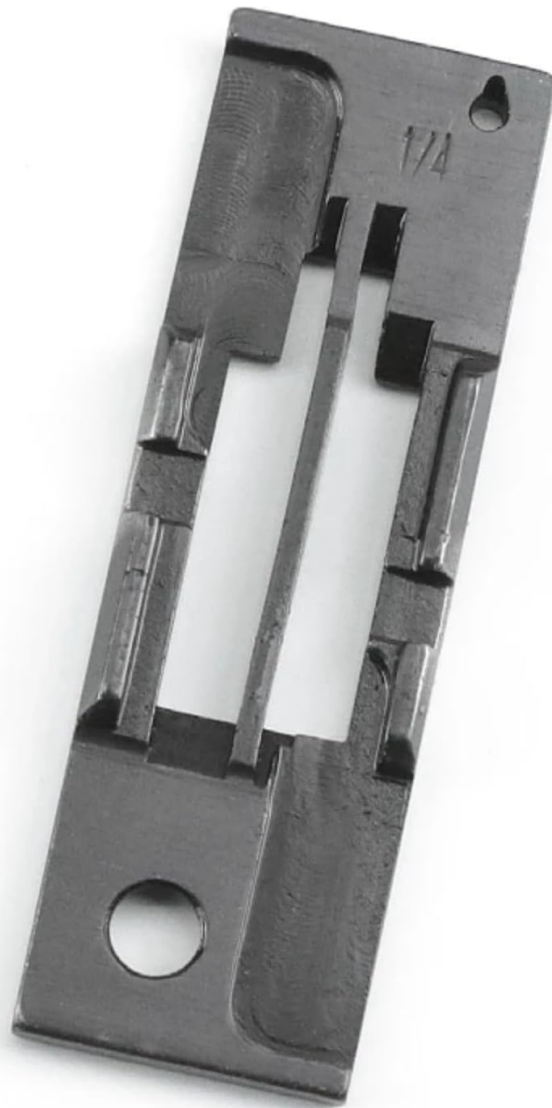
Each Blooy Gauge Set package contains the following components:

- **1 x Presser Foot:** Designed to hold fabric firmly in place during sewing.
- **1 x Needle Plate:** Provides a flat surface for fabric and guides the needles.
- **1 x Feed Dog:** Moves the fabric under the presser foot.
- **1 x Needle Clamp:** Secures the sewing machine needles.



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Figure 2: Detailed view of the Presser Foot.



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Figure 3: Detailed view of the Needle Plate.



Figure 4: Detailed view of the Feed Dog.



Figure 5: Detailed view of the Needle Clamps.

3. SPECIFICATIONS

Feature	Detail
Product Model Number	LH-3568A-7
Needle Distance Options	1/8 inch (3.2mm) 3/16 inch (4.8mm) 1/4 inch (6.4mm)
Product Dimensions	3.54 x 2.36 x 1.97 inches (approximate for the set)
Item Weight	3.53 ounces (approximate for the set)
Manufacturer	Blooy
UPC	794697683225

4. COMPATIBILITY

This gauge set is specifically designed for and compatible with the **JUKI LH-3568A-7 Industrial Double Needle Sewing Machine**. It is crucial to ensure your sewing machine model matches this specification for proper fit and function. While some components might appear similar to those for domestic machines, this set is engineered for the precise requirements of the specified industrial model.

5. SETUP AND INSTALLATION

Proper installation of the gauge set components is essential for optimal performance and to prevent damage to your sewing machine or the parts themselves. Always refer to your JUKI LH-3568A-7 sewing machine's official service manual for detailed, model-specific installation instructions.

Safety Precautions:

- **Always turn off and unplug your sewing machine** from the power source before attempting any installation, removal, or maintenance.
- Use appropriate tools as recommended by your sewing machine's manual.
- Handle components carefully to avoid bending or damaging delicate parts.

General Installation Steps:

- 1. Prepare the Machine:** Ensure the machine is powered off and unplugged. Raise the presser foot lever and needle bar to their highest positions.
- 2. Remove Existing Components (if applicable):** Carefully unscrew and remove the existing presser foot, needle plate, feed dog, and needle clamps. Keep screws and small parts organized.
- 3. Install the Feed Dog:** Position the new feed dog onto the machine bed, aligning it with the screw holes. Secure it gently with the appropriate screws, ensuring it moves freely when the handwheel is turned.
- 4. Install the Needle Plate:** Place the new needle plate over the feed dog, aligning the screw holes. Secure it firmly with its screws. Ensure the needle holes in the plate align correctly with the needle bar path.
- 5. Install the Needle Clamps:** Attach the new needle clamps to the needle bar. Ensure they are oriented correctly for the double needles and tighten the securing screws. Insert new needles appropriate for your fabric and thread, ensuring they are fully seated and facing the correct direction.
- 6. Install the Presser Foot:** Attach the new presser foot to the presser foot bar. Lower the presser foot lever to ensure it sits flat on the needle plate.

7. **Test Functionality:** Once all components are installed, manually turn the machine's handwheel slowly to ensure all parts move smoothly and without obstruction. Verify that the needles pass cleanly through the needle plate holes.

Note: The specific order and method of installation may vary slightly. Always consult your machine's manual for precise instructions.

6. OPERATING INSTRUCTIONS

This gauge set is a functional component of your JUKI LH-3568A-7 sewing machine, designed to facilitate specific needle distances for double-needle stitching. Once installed, its operation is integrated with the machine's normal sewing functions.

Understanding Needle Distance:

The primary function of this gauge set is to provide precise spacing between the two needles for parallel stitching. The set you have corresponds to one of the following needle distances:

- **1/8 inch (3.2mm)**
- **3/16 inch (4.8mm)**
- **1/4 inch (6.4mm)**

The chosen gauge set determines the fixed distance between your two lines of stitching. No further adjustment of needle distance is possible with this specific gauge set once installed; to change the distance, a different gauge set with the desired spacing must be installed.

Using the Machine with the Gauge Set:

1. Ensure the gauge set is correctly installed as per Section 5.
2. Thread both needles according to your machine's manual.
3. Place your fabric under the presser foot.
4. Begin sewing as you normally would with your JUKI LH-3568A-7 machine. The feed dog will move the fabric, the needle plate will support it, and the presser foot will hold it down, while the needles, secured by the clamps, will create two parallel lines of stitching at the set distance.
5. Monitor stitch quality and tension, adjusting machine settings (e.g., tension, stitch length) as needed for your specific fabric and thread combination.

7. MAINTENANCE

Regular maintenance of your gauge set components will extend their lifespan and ensure consistent sewing performance. These parts are subject to wear and tear due to friction and contact with fabric and thread.

Cleaning:

- **Lint and Dust Removal:** Periodically, and especially after extensive use, remove the needle plate and feed dog to clean accumulated lint and dust from underneath. Use a small brush or compressed air.
- **Wipe Down:** Use a soft, dry cloth to wipe down the presser foot, needle plate, feed dog, and needle clamps. For stubborn grime, a slightly damp cloth can be used, but ensure parts are thoroughly dried immediately to prevent rust.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh chemical solvents, as these can damage the finish or material of the components.

Inspection:

- **Check for Wear:** Regularly inspect the needle plate for burrs or nicks around the needle holes, which can snag fabric or break needles. Check the feed dog teeth for wear or damage.
- **Presser Foot Condition:** Ensure the bottom surface of the presser foot is smooth and free of grooves that could affect fabric feeding.
- **Needle Clamps:** Verify that the needle clamps securely hold the needles without slippage.

Storage:

When not in use, store spare gauge sets or components in a dry, clean environment, preferably in their original packaging or a dedicated storage box, to protect them from dust, moisture, and physical damage.

8. TROUBLESHOOTING

If you encounter issues after installing the Blooy Gauge Set, consider the following common troubleshooting steps. Always ensure your JUKI LH-3568A-7 machine itself is in good working order before troubleshooting the gauge set components.

Problem	Possible Cause	Solution
Needles hitting the needle plate	Incorrect needle installation (not fully seated, wrong orientation). Needle plate not correctly aligned or secured. Bent needles.	Re-install needles, ensuring they are fully inserted and facing correctly. Re-align and re-secure the needle plate. Replace bent needles.
Fabric not feeding smoothly	Feed dog not installed correctly or damaged. Lint buildup under the needle plate/feed dog. Presser foot not lowered or incorrect pressure.	Check feed dog installation; replace if damaged. Clean lint from under the needle plate and around the feed dog. Ensure presser foot is lowered and adjust pressure if possible on your machine.
Inconsistent stitch quality / Skipped stitches	Needle clamps not holding needles securely. Needles are dull or bent. Incorrect needle type for fabric. Machine tension issues (not directly related to gauge set, but common).	Tighten needle clamp screws. Replace needles. Use appropriate needles for your project. Refer to your machine's manual for tension adjustment.

If problems persist, consult a qualified sewing machine technician or refer to the comprehensive service manual for your JUKI LH-3568A-7 machine.

9. WARRANTY AND SUPPORT

Specific warranty terms for the Blooy Gauge Set are typically provided by the retailer or manufacturer at the time of purchase. Please retain your proof of purchase for any warranty claims.

For product support, inquiries, or to report defects, please contact the seller from whom you purchased this item. The seller for this product is "Jsewing Machine Accessories".

For technical assistance related to your JUKI LH-3568A-7 Industrial Double Needle Sewing Machine, please refer to the official JUKI documentation or contact JUKI authorized service centers.

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