

101557001

## Generic 1/4" Feed Dog #101557001 for DT6-B925 Industrial Sewing Machine User Manual

Model: 101557001

### INTRODUCTION

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This manual provides essential instructions for the installation, operation, and maintenance of the Generic 1/4" Feed Dog, part number 101557001, designed for use with DT6-B925 Industrial Sewing Machines. The feed dog is a critical component responsible for moving fabric evenly through the sewing machine during stitching.

### PRODUCT OVERVIEW

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*Image: The 1/4" Feed Dog, part number 101557001, showing its textured surface and mounting hole. This component is essential for fabric transport in industrial sewing machines.*

The feed dog (part #101557001) is specifically engineered for the DT6-B925 industrial sewing machine. It features a textured surface that grips the fabric, ensuring consistent and precise movement under the needle. Proper installation and maintenance are crucial for optimal sewing performance.

## SETUP AND INSTALLATION

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Before beginning installation, ensure the sewing machine is powered off and unplugged from the electrical outlet to prevent accidental operation.

- 1. Prepare the Machine:** Remove the needle plate from your DT6-B925 industrial sewing machine. This usually involves unscrewing one or two small screws.
- 2. Remove Old Feed Dog (if applicable):** Locate the existing feed dog. It is typically secured by two screws. Use an appropriate screwdriver to carefully loosen and remove these screws, then lift out the old feed dog.
- 3. Install New Feed Dog:** Position the new 1/4" Feed Dog (part #101557001) into the designated slot. Ensure the teeth are facing upwards and align the screw holes.
- 4. Secure the Feed Dog:** Insert the screws and tighten them securely. Do not overtighten, as this can damage the feed dog or the machine.

5. **Reinstall Needle Plate:** Place the needle plate back over the feed dog and secure it with its screws.
6. **Test Functionality:** Plug in and power on the machine. Manually turn the handwheel to observe the feed dog's movement. It should move smoothly up and down, and back and forth, without obstruction.

**Note:** If you are unsure about any step, consult your DT6-B925 sewing machine's primary instruction manual or a qualified technician.

## OPERATING GUIDELINES

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The feed dog works in conjunction with the presser foot to move fabric. Proper operation involves:

- **Fabric Placement:** Always place fabric flat under the presser foot, ensuring it is properly aligned with the feed dog teeth.
- **Even Feeding:** Allow the feed dog to do its work. Avoid pulling or pushing the fabric excessively, as this can lead to uneven stitches, needle breakage, or damage to the feed dog.
- **Stitch Length Adjustment:** The feed dog's movement directly influences stitch length. Adjust the stitch length setting on your DT6-B925 machine as needed for your project.
- **Presser Foot Pressure:** Ensure the presser foot pressure is correctly set for the fabric type. Too little pressure can cause the fabric to slip, while too much can hinder the feed dog's action.

## MAINTENANCE

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Regular maintenance extends the life of your feed dog and ensures consistent sewing quality.

- **Cleaning:** Periodically remove the needle plate and use a small brush or compressed air to clear lint and fabric dust from around the feed dog teeth and mechanism. Accumulation can impede movement.
- **Inspection:** Regularly inspect the feed dog teeth for wear, damage, or burrs. Worn or damaged teeth can cause uneven feeding or damage to fabric. Replace the feed dog if significant wear is observed.
- **Lubrication:** Refer to your DT6-B925 machine's manual for specific lubrication points around the feed dog mechanism. Apply appropriate sewing machine oil as recommended.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Fabric not feeding evenly	Lint buildup, worn feed dog teeth, incorrect presser foot pressure.	Clean feed dog area, inspect and replace feed dog if worn, adjust presser foot pressure.
Skipped stitches	Improper fabric feeding, feed dog not moving correctly.	Ensure fabric is feeding smoothly, check for obstructions in feed dog mechanism, verify feed dog installation.
Fabric damage (e.g., marks, holes)	Damaged or burred feed dog teeth.	Inspect feed dog for damage; replace if necessary.

## SPECIFICATIONS

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- **Part Number:** 101557001
- **Compatibility:** DT6-B925 Industrial Sewing Machine
- **Feed Dog Size:** 1/4 inch
- **Material:** Industrial-grade metal alloy

## WARRANTY AND SUPPORT

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For any questions regarding the installation, operation, or troubleshooting of this feed dog, please contact the seller or manufacturer. Specific warranty details may vary; please refer to your purchase documentation for information on warranty coverage and support options.

*This manual is for informational purposes only. Always prioritize safety and consult a professional if unsure.*