

Blooy 788601007

Blooy #788601007 Needle Plate Instruction Manual

For Janome, Kenmore, Elna, Necchi, and Pfaff Serger Sewing Machines

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Blooy #788601007 Needle Plate. This component is designed as a replacement part for various domestic serger sewing machines, ensuring proper fabric feeding and stitch formation.

The needle plate is a critical part of your serger, providing a stable surface for the fabric as needles penetrate and loopers form stitches. Proper installation and maintenance are crucial for optimal machine performance and stitch quality.

2. PRODUCT COMPATIBILITY

The Blooy #788601007 Needle Plate (Alternative Codes: 788601000; 98-788601-00) is compatible with a wide range of serger sewing machine models. Please verify your machine model against the list below to ensure compatibility.

Compatible Elna Serger Models:

- 664
- 664 PRO
- eXtend 264

Compatible Janome (Newhome) Serger Models:

- 1110DX
- 204D MyLock
- 3434D Juno
- 434D
- 434DR
- 504D
- 534
- 534DR
- 634D MyLock

- 644D
- 7034D Magnolia
- 788D
- 7933 Harmony
- 8002D
- 8200D
- 8933D
- 9002D
- 9102D Harmony
- 9200D
- HF3434D
- HF504D
- HF7933
- HF9102D
- M644D
- MOD-Serger

Compatible Kenmore Serger Models:

- 385.16622
- 385.16644690
- 385.16655100
- 385.16677
- 385.16677700

Compatible Necchi Serger Models:

- S34

Compatible Pfaff Serger Models:

- 4752 Hobbylock
- 752

3. PARTS OVERVIEW

The Blooy #788601007 Needle Plate is a precision-engineered metal component. It features specific openings for the needles and loopers, as well as a feed dog slot to guide the fabric. The plate is designed to fit securely onto the serger bed.



JSEWING ACCESSORIES

Figure 1: Top view of the Blooy #788601007 Needle Plate, showing needle and looper openings.



JSEWING ACCESSORIES

Figure 2: Side view of the Blooy #788601007 Needle Plate, highlighting its profile and attachment points.



Figure 3: Angled view of the Blooy #788601007 Needle Plate, showing the overall design and precision cutouts.

4. INSTALLATION INSTRUCTIONS

Safety First: Before attempting any installation or maintenance, always turn off and unplug your serger sewing machine from the power outlet to prevent accidental injury.

1. **Prepare the Machine:** Raise the presser foot and remove any fabric or threads from the needle plate area.
2. **Remove the Old Needle Plate:**
 - Locate the screws holding the existing needle plate in place. These are typically small Phillips head screws.
 - Using an appropriate screwdriver, carefully loosen and remove the screws.
 - Gently lift the old needle plate off the machine bed. Note its orientation for reference.
3. **Clean the Area:** Use a small brush or lint-free cloth to clean any lint, dust, or debris from the feed dogs and the area where the needle plate sits. This ensures a smooth fit and proper operation.
4. **Install the New Needle Plate:**
 - Carefully position the Blooy #788601007 Needle Plate onto the machine bed, aligning the screw holes and ensuring the feed dogs protrude through their respective slots.

- Insert the screws and gently tighten them by hand first to ensure proper alignment.
 - Once all screws are in place, tighten them securely with the screwdriver. *Do not overtighten*, as this can strip the screws or damage the plate.
5. **Test the Installation:** Plug in your machine and turn it on. Manually turn the handwheel to ensure the needles move freely through the needle plate openings without obstruction. Perform a test stitch on scrap fabric to confirm proper function.

5. OPERATING CONSIDERATIONS

The needle plate works in conjunction with the feed dogs to move fabric smoothly under the needles and loopers. Ensure that the needle plate is always clean and free of damage for optimal sewing performance.

- **Needle Selection:** Always use the correct type and size of needles for your fabric and serger model. Incorrect needles can strike the needle plate, causing damage.
- **Fabric Feeding:** Allow the feed dogs to pull the fabric naturally. Do not force or pull the fabric, as this can bend needles or cause them to hit the needle plate.
- **Stitch Finger:** Some needle plates include a stitch finger (also known as a stitch plate or tongue) which helps form the stitch. Ensure this component is clean and undamaged.

6. MAINTENANCE

Regular maintenance of your needle plate will extend its lifespan and ensure consistent stitch quality.

- **Cleaning:**
 - Periodically remove the needle plate (refer to Section 4) and clean the underside and top surface.
 - Use a small brush or vacuum cleaner to remove lint and thread buildup from the feed dogs and the needle plate openings.
 - A lint-free cloth can be used to wipe down the metal surface.
- **Inspection:**
 - Regularly inspect the needle plate for any signs of damage, such as nicks, burrs, or bent edges, especially around the needle holes.
 - Even minor damage can cause skipped stitches, thread breakage, or fabric snags.
- **Replacement:** If the needle plate shows significant wear or damage that affects sewing performance, it should be replaced with a new, compatible part.

7. TROUBLESHOOTING

If you encounter issues with your serger after installing or while using the needle plate, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Skipped Stitches	Damaged needle plate (nicks around needle holes), incorrect needle, improper threading.	Inspect needle plate for damage; replace if necessary. Ensure correct needle type/size. Re-thread machine completely.

Problem	Possible Cause	Solution
Thread Breakage	Rough edges on needle plate, burrs, incorrect tension, poor quality thread.	Check needle plate for burrs and smooth them if possible, or replace. Adjust thread tension. Use quality thread.
Fabric Not Feeding Evenly	Lint buildup under needle plate, damaged feed dogs, needle plate not seated correctly.	Remove and clean under the needle plate. Ensure needle plate is securely and correctly installed.
Needle Breaking Frequently	Needle hitting the needle plate, bent needle, incorrect needle installation.	Ensure needle is inserted correctly and fully. Check for bent needles. Inspect needle plate for damage.

If problems persist after following these troubleshooting steps, consult your serger's original instruction manual or contact a qualified sewing machine technician.

8. SPECIFICATIONS

- **Part Number:** #788601007
- **Alternative Codes:** 788601000; 98-788601-00
- **Material:** Metal
- **Product Dimensions:** 3.94 x 1.97 x 0.39 inches
- **Item Weight:** 1.44 ounces
- **Manufacturer:** Blooy

9. WARRANTY INFORMATION

Specific warranty details for the Blooy #788601007 Needle Plate are not provided in this manual. Please refer to the product packaging or contact the retailer or manufacturer directly for warranty terms and conditions.

10. SUPPORT

For further assistance, questions regarding compatibility, or technical support, please contact the Blooy customer service or the retailer from whom you purchased this product. When contacting support, please have your product model number (#788601007) and your serger machine's model number readily available.

You may also find helpful resources and community forums online for your specific serger model, which can offer additional tips and troubleshooting advice.