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> Blooy UT506 UT507 Thread Trimming Movable & Fixed Knife Instruction Manual for Siruba C007E C007J Coverstitch Sewing Machines

## Blooy UT506 + UT507

# Blooy UT506 UT507 Thread Trimming Knife Instruction Manual

For Siruba C007E and C007J Coverstitch Sewing Machines

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Blooy UT506 Movable Knife and UT507 Fixed Knife set. These components are designed for thread trimming functions on Siruba C007E and C007J coverstitch sewing machines. Adhering to these instructions will help ensure optimal performance and longevity of the parts.

## 2. PRODUCT OVERVIEW

The Blooy UT506 and UT507 knives are precision-engineered replacement parts for the thread trimming mechanism of compatible Siruba coverstitch machines. The set includes one UT506 movable knife and one UT507 fixed knife, both constructed from durable steel for reliable cutting performance.



**Image 2.1:** The Blooy UT506 movable knife (right) and UT507 fixed knife (left) as a complete set. These components work together to trim

threads during sewing operations.

## 2.1. UT506 Movable Knife



**Image 2.2:** A close-up view of the Blooy UT506 movable knife. This blade features a slotted design for attachment and is responsible for the cutting action against the fixed knife.

The UT506 is the movable component of the thread trimming system. It slides against the fixed knife to perform the cutting action. Its design ensures precise thread severance when properly installed and aligned.

## 2.2. UT507 Fixed Knife



**Image 2.3:** A close-up view of the Blooy UT507 fixed knife. This component provides the stationary cutting edge against which the movable knife operates, featuring mounting holes for secure attachment.

The UT507 is the fixed component, providing a stationary cutting edge. It is securely mounted within the sewing machine's mechanism, allowing the movable knife to trim threads effectively.

## 3. SETUP AND INSTALLATION

**Warning:** Always disconnect the sewing machine from its power source before attempting any installation, maintenance, or repair to prevent injury.

Replacing the thread trimming knives requires careful attention to detail. Refer to your Siruba C007E or C007J coverstitch sewing machine's official service manual for specific, detailed instructions and diagrams for knife replacement. The following steps are general guidelines:

1. **Power Off:** Ensure the sewing machine is turned off and unplugged from the electrical outlet.
2. **Access Knives:** Open the necessary covers or panels on your sewing machine to access the existing thread trimming knives. This may involve removing needle plates or other components.
3. **Remove Old Knives:** Carefully loosen the screws holding the old movable (UT506 equivalent) and fixed (UT507 equivalent) knives in place. Remove them, noting their orientation and position.
4. **Install New Fixed Knife (UT507):** Position the new Blooy UT507 fixed knife in its designated slot. Secure it loosely with its mounting screws. Do not fully tighten yet, as minor adjustments may be needed.
5. **Install New Movable Knife (UT506):** Position the new Blooy UT506 movable knife. Ensure it is correctly seated and aligned with the fixed knife. Secure it loosely with its mounting screws.
6. **Alignment:** Carefully adjust the position of both knives to ensure they meet precisely for optimal cutting. The movable knife should pass closely by the fixed knife without binding. Consult your machine's manual for specific alignment procedures and clearances.
7. **Tighten Screws:** Once alignment is satisfactory, carefully tighten all mounting screws for both knives. Avoid over-tightening.
8. **Reassemble:** Replace any covers or components that were removed to access the knives.
9. **Test:** Plug in and power on the machine. Perform test stitches on scrap fabric to verify proper thread trimming function.



**Image 3.1:** The Blooy UT506 and UT507 knives, illustrating their shapes and the holes used for mounting within the sewing machine mechanism.

## 4. OPERATING CONSIDERATIONS

Once installed, the Blooy UT506 and UT507 knives operate as part of your sewing machine's automatic thread trimming system. Proper installation and alignment are crucial for effective operation. If threads are not being trimmed cleanly or consistently, re-check the knife alignment and ensure all screws are secure.

## 5. MAINTENANCE

Regular maintenance of your thread trimming knives will extend their lifespan and ensure consistent performance.

- **Cleaning:** Periodically inspect the knives and the surrounding area for lint, thread fragments, and debris. Use a small brush or compressed air to remove any build-up. Accumulation can hinder knife movement and cutting efficiency.
- **Inspection:** Visually inspect the cutting edges of both knives for signs of dullness, nicks, or damage. Sharp knives are essential for clean cuts.
- **Replacement:** Knives are wear-and-tear parts. Over time, even with proper cleaning, they will dull. Replace the knife set when you notice a decline in thread trimming quality, such as frayed cuts or incomplete trims, despite correct

alignment.

## 6. TROUBLESHOOTING

If you encounter issues with thread trimming after installing the new knives, consider the following:

- **Poor Thread Trimming:** If threads are not cut cleanly or are left frayed, the knives may be misaligned or dull. Re-check the alignment as per your machine's manual. If the knives are new and correctly aligned, ensure no debris is obstructing their path.
- **Knives Not Moving:** Ensure the movable knife is not obstructed by lint or debris and that its mounting screws are not overtightened, which could restrict movement.
- **Unusual Noise:** A grinding or scraping noise during trimming may indicate improper alignment or contact between the knives and other machine parts. Immediately power off the machine and inspect the knife area.

For persistent issues, consult a qualified sewing machine technician or refer to your Siruba machine's comprehensive service manual.

## 7. SPECIFICATIONS

| Feature                 | Detail                                                           |
|-------------------------|------------------------------------------------------------------|
| Product Name            | Thread Trimming Movable & Fixed Knife Set                        |
| Movable Knife Part Code | UT506                                                            |
| Fixed Knife Part Code   | UT507                                                            |
| Compatibility           | Siruba C007E, Siruba C007J Coverstitch Sewing Machines           |
| Material                | Steel                                                            |
| Product Dimensions      | 1.97 x 0.2 x 0.04 inches (approximate for individual components) |
| Item Weight             | 0.705 ounces (total for set)                                     |

## 8. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Blooy UT506 UT507 knife set, please contact the seller or retailer from whom the product was purchased. Ensure you have your purchase details available when seeking support.

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