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## Baby Lock BL402

# Baby Lock Serger Lower Looper Instruction Manual

Models: BL402, BL5370ED

Brand: Baby Lock

## PRODUCT OVERVIEW

This manual provides essential information for the Baby Lock Serger Lower Looper, a critical component designed for use with Baby Lock Serger Models BL402 and BL5370ED. The lower looper is integral to the serger's ability to form secure and consistent stitches, ensuring high-quality seams and finishes.



Figure 1: Baby Lock Serger Lower Looper. This image displays the metallic lower looper component, essential for forming stitches on compatible Baby Lock serger models.

## SETUP AND INSTALLATION

The lower looper is a precision part that requires careful installation. Refer to your specific Baby Lock Serger Model BL402 or BL5370ED instruction manual for detailed, step-by-step installation procedures. Incorrect installation can affect stitch quality and potentially damage the machine.

- **Preparation:** Ensure the serger is turned off and unplugged from the power source before beginning any installation or maintenance.
- **Access:** Open the appropriate covers on your serger to access the looper area.
- **Removal (if replacing):** Carefully remove the old lower looper, noting its exact position and orientation.
- **Installation:** Position the new lower looper (Part Number 61300) precisely as indicated in your serger's manual. Secure it with any retaining screws or mechanisms.
- **Verification:** After installation, manually turn the handwheel to ensure all moving parts clear the new looper and move freely.

It is highly recommended to consult the original serger manual for visual guides and specific torque requirements for screws, if applicable.

## OPERATING PRINCIPLES

The lower looper works in conjunction with the upper looper and needles to form the characteristic serger stitch. As the needles penetrate the fabric, the lower looper catches the needle thread, and then the upper looper interlocks with the lower looper's thread, creating a secure and professional edge finish.

Proper threading of the lower looper is crucial for correct stitch formation. Always follow the threading path diagrams provided in your Baby Lock serger's main instruction manual. Incorrect threading can lead to skipped stitches, loose seams, or thread breakage.

## MAINTENANCE

To ensure the longevity and optimal performance of your lower looper and serger, regular maintenance is advised:

- **Cleaning:** Periodically remove lint and thread buildup from around the looper area using a small brush or vacuum. Lint accumulation can impede looper movement and affect stitch quality.
- **Lubrication:** Refer to your serger's main manual for specific lubrication points and recommended oil types. The looper mechanism may require occasional oiling to ensure smooth operation.
- **Inspection:** Regularly inspect the looper for any signs of wear, bending, or damage. A damaged looper can cause skipped stitches or damage to other machine components. Replace if any damage is observed.

## TROUBLESHOOTING

If you experience issues related to stitch formation, the lower looper may be a contributing factor. Consider the following common problems:

Problem	Possible Cause (Lower Looper Related)	Solution
Skipped Stitches	Incorrectly installed lower looper; bent or damaged lower looper; improper threading of lower looper.	Reinstall looper correctly; replace damaged looper; re-thread lower looper according to manual.
Loose or Uneven Stitches	Looper thread tension incorrect; looper not seated properly.	Adjust lower looper thread tension; ensure looper is securely installed.

Problem	Possible Cause (Lower Looper Related)	Solution
Thread Breakage (Lower Looper Thread)	Burrs or rough spots on looper; looper out of timing with needles.	Inspect looper for damage and replace if necessary; consult a qualified technician for timing adjustments.

For comprehensive troubleshooting, always refer to your Baby Lock serger's main instruction manual or contact Baby Lock customer support.

SPECIFICATIONS

**Part Type:** Lower Looper  
**Compatible Models:** Baby Lock Serger BL402, BL5370ED  
**Item Model Number:** BL402  
**ASIN:** B008MAXN5E  
**Item Weight:** 1 Pound  
**Manufacturer:** Baby Lock  
**Date First Available:** September 7, 2012  
**UPC:** 616469495846


WARRANTY AND SUPPORT

This lower looper is a replacement part. For specific warranty information regarding replacement parts, please refer to the original purchase documentation or contact the retailer where the part was acquired. General warranty terms for Baby Lock products can typically be found on the official Baby Lock website or within the main serger manual. For technical support, service, or further inquiries, please contact Baby Lock customer service or an authorized Baby Lock dealer. You can often find contact information on the official [Baby Lock website](#).



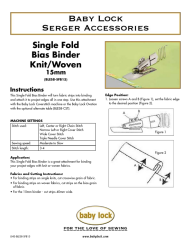

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For the most up-to-date information, please visit the official Baby Lock website.

Related Documents - BL402



[Baby Lock Splendor 8-Thread Serger: Advanced Features & Benefits](#)

Discover the Baby Lock Splendor 8-Thread Serger, featuring ExtraordinAir® Threading, Automatic Thread Delivery™, and a spacious workspace for professional garment, quilt, and home decor finishing. Explore its advanced features, accessories, and warranty.

 <p><b>SERGER SKILLS BUILDING</b> Sewing Machine Accessories</p> <p><b>Serger Organizer Pad</b></p> <p>It is often a good idea to keep your serger tools organized and accessible. This guide provides a complete list of supplies and cutting instructions, suitable for any serger machine, with measurements based on the Baby Lock Triumph.</p> <p>The organizer pad is made of 1/2 inch thick foam board. The pad is 11 inches wide and 15 inches long. The pad is made of 1/2 inch thick foam board. The pad is 11 inches wide and 15 inches long. The pad is made of 1/2 inch thick foam board. The pad is 11 inches wide and 15 inches long.</p> <p><b>Supplies:</b></p> <ul style="list-style-type: none"> <li>1/2 inch thick foam board</li> <li>11 inches wide</li> <li>15 inches long</li> <li>1/2 inch thick foam board</li> <li>11 inches wide</li> <li>15 inches long</li> <li>1/2 inch thick foam board</li> <li>11 inches wide</li> <li>15 inches long</li> </ul> <p><b>Instructions:</b></p> <ol style="list-style-type: none"> <li>1. Cut the foam board into 11 inch wide and 15 inch long pieces.</li> <li>2. Cut the foam board into 11 inch wide and 15 inch long pieces.</li> <li>3. Cut the foam board into 11 inch wide and 15 inch long pieces.</li> <li>4. Cut the foam board into 11 inch wide and 15 inch long pieces.</li> <li>5. Cut the foam board into 11 inch wide and 15 inch long pieces.</li> <li>6. Cut the foam board into 11 inch wide and 15 inch long pieces.</li> <li>7. Cut the foam board into 11 inch wide and 15 inch long pieces.</li> <li>8. Cut the foam board into 11 inch wide and 15 inch long pieces.</li> <li>9. Cut the foam board into 11 inch wide and 15 inch long pieces.</li> <li>10. Cut the foam board into 11 inch wide and 15 inch long pieces.</li> </ol> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>1. The organizer pad is made of 1/2 inch thick foam board.</li> <li>2. The organizer pad is 11 inches wide and 15 inches long.</li> <li>3. The organizer pad is made of 1/2 inch thick foam board.</li> <li>4. The organizer pad is 11 inches wide and 15 inches long.</li> <li>5. The organizer pad is made of 1/2 inch thick foam board.</li> <li>6. The organizer pad is 11 inches wide and 15 inches long.</li> <li>7. The organizer pad is made of 1/2 inch thick foam board.</li> <li>8. The organizer pad is 11 inches wide and 15 inches long.</li> <li>9. The organizer pad is made of 1/2 inch thick foam board.</li> <li>10. The organizer pad is 11 inches wide and 15 inches long.</li> </ul> <p><b>For The Love Of Sewing</b></p>	<p><a href="#">Serger Organizer Pad: DIY Sewing Machine Accessory Guide</a></p> <p>Learn to create a practical Serger Organizer Pad to keep your sewing tools organized and accessible. This guide provides a complete list of supplies and cutting instructions, suitable for any serger machine, with measurements based on the Baby Lock Triumph.</p>
 <p><b>BABY LOCK</b> SERGER ACCESSORIES</p> <p><b>Single Fold Bias Binder</b> Knit/Woven 15mm</p> <p><b>Instructions:</b></p> <ol style="list-style-type: none"> <li>1. Set the machine to the following settings:</li> <li>2. Set the machine to the following settings:</li> <li>3. Set the machine to the following settings:</li> <li>4. Set the machine to the following settings:</li> <li>5. Set the machine to the following settings:</li> <li>6. Set the machine to the following settings:</li> <li>7. Set the machine to the following settings:</li> <li>8. Set the machine to the following settings:</li> <li>9. Set the machine to the following settings:</li> <li>10. Set the machine to the following settings:</li> </ol> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>1. The single fold bias binder is made of 1/2 inch thick foam board.</li> <li>2. The single fold bias binder is 11 inches wide and 15 inches long.</li> <li>3. The single fold bias binder is made of 1/2 inch thick foam board.</li> <li>4. The single fold bias binder is 11 inches wide and 15 inches long.</li> <li>5. The single fold bias binder is made of 1/2 inch thick foam board.</li> <li>6. The single fold bias binder is 11 inches wide and 15 inches long.</li> <li>7. The single fold bias binder is made of 1/2 inch thick foam board.</li> <li>8. The single fold bias binder is 11 inches wide and 15 inches long.</li> <li>9. The single fold bias binder is made of 1/2 inch thick foam board.</li> <li>10. The single fold bias binder is 11 inches wide and 15 inches long.</li> </ul> <p><b>For The Love Of Sewing</b></p>	<p><a href="#">Baby Lock BLES8-SFB15 Single Fold Bias Binder Instructions and Settings</a></p> <p>Detailed instructions, machine settings, and application guide for the Baby Lock BLES8-SFB15 Single Fold Bias Binder, designed for knit and woven fabrics.</p>
 <p><b>BABY LOCK</b> SERGER ACCESSORIES</p> <p><b>Pintuck Foot</b> 15mm</p> <p><b>Instructions:</b></p> <ol style="list-style-type: none"> <li>1. Set the machine to the following settings:</li> <li>2. Set the machine to the following settings:</li> <li>3. Set the machine to the following settings:</li> <li>4. Set the machine to the following settings:</li> <li>5. Set the machine to the following settings:</li> <li>6. Set the machine to the following settings:</li> <li>7. Set the machine to the following settings:</li> <li>8. Set the machine to the following settings:</li> <li>9. Set the machine to the following settings:</li> <li>10. Set the machine to the following settings:</li> </ol> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>1. The pintuck foot is made of 1/2 inch thick foam board.</li> <li>2. The pintuck foot is 11 inches wide and 15 inches long.</li> <li>3. The pintuck foot is made of 1/2 inch thick foam board.</li> <li>4. The pintuck foot is 11 inches wide and 15 inches long.</li> <li>5. The pintuck foot is made of 1/2 inch thick foam board.</li> <li>6. The pintuck foot is 11 inches wide and 15 inches long.</li> <li>7. The pintuck foot is made of 1/2 inch thick foam board.</li> <li>8. The pintuck foot is 11 inches wide and 15 inches long.</li> <li>9. The pintuck foot is made of 1/2 inch thick foam board.</li> <li>10. The pintuck foot is 11 inches wide and 15 inches long.</li> </ul> <p><b>For The Love Of Sewing</b></p>	<p><a href="#">Baby Lock Pintuck Foot (BLE8-PTF) Instructions</a></p> <p>Instructions for using the Baby Lock Pintuck Foot (BLE8-PTF) to create beautiful pintucks on garments. Includes machine settings and step-by-step guidance.</p>
 <p><b>BABY LOCK</b> SERGER ACCESSORIES</p> <p><b>Cording Foot</b> 3mm</p> <p><b>Instructions:</b></p> <ol style="list-style-type: none"> <li>1. Set the machine to the following settings:</li> <li>2. Set the machine to the following settings:</li> <li>3. Set the machine to the following settings:</li> <li>4. Set the machine to the following settings:</li> <li>5. Set the machine to the following settings:</li> <li>6. Set the machine to the following settings:</li> <li>7. Set the machine to the following settings:</li> <li>8. Set the machine to the following settings:</li> <li>9. Set the machine to the following settings:</li> <li>10. Set the machine to the following settings:</li> </ol> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>1. The cording foot is made of 1/2 inch thick foam board.</li> <li>2. The cording foot is 11 inches wide and 15 inches long.</li> <li>3. The cording foot is made of 1/2 inch thick foam board.</li> <li>4. The cording foot is 11 inches wide and 15 inches long.</li> <li>5. The cording foot is made of 1/2 inch thick foam board.</li> <li>6. The cording foot is 11 inches wide and 15 inches long.</li> <li>7. The cording foot is made of 1/2 inch thick foam board.</li> <li>8. The cording foot is 11 inches wide and 15 inches long.</li> <li>9. The cording foot is made of 1/2 inch thick foam board.</li> <li>10. The cording foot is 11 inches wide and 15 inches long.</li> </ul> <p><b>For The Love Of Sewing</b></p>	<p><a href="#">Baby Lock Cording Foot 3mm (BLE-CF3) - Sewing Instructions &amp; Settings</a></p> <p>Detailed instructions and recommended machine settings for the Baby Lock 3mm Cording Foot (BLE-CF3). Learn how to serge decorative cording and piping for professional finishes.</p>
 <p><b>BABY LOCK</b> SERGER ACCESSORIES</p> <p><b>Shirring Foot</b> 15mm</p> <p><b>Instructions:</b></p> <ol style="list-style-type: none"> <li>1. Set the machine to the following settings:</li> <li>2. Set the machine to the following settings:</li> <li>3. Set the machine to the following settings:</li> <li>4. Set the machine to the following settings:</li> <li>5. Set the machine to the following settings:</li> <li>6. Set the machine to the following settings:</li> <li>7. Set the machine to the following settings:</li> <li>8. Set the machine to the following settings:</li> <li>9. Set the machine to the following settings:</li> <li>10. Set the machine to the following settings:</li> </ol> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>1. The shirring foot is made of 1/2 inch thick foam board.</li> <li>2. The shirring foot is 11 inches wide and 15 inches long.</li> <li>3. The shirring foot is made of 1/2 inch thick foam board.</li> <li>4. The shirring foot is 11 inches wide and 15 inches long.</li> <li>5. The shirring foot is made of 1/2 inch thick foam board.</li> <li>6. The shirring foot is 11 inches wide and 15 inches long.</li> <li>7. The shirring foot is made of 1/2 inch thick foam board.</li> <li>8. The shirring foot is 11 inches wide and 15 inches long.</li> <li>9. The shirring foot is made of 1/2 inch thick foam board.</li> <li>10. The shirring foot is 11 inches wide and 15 inches long.</li> </ul> <p><b>For The Love Of Sewing</b></p>	<p><a href="#">Baby Lock Shirring Foot (BLE8-SF) Instructions</a></p> <p>Instructions for using the Baby Lock Shirring Foot (BLE8-SF) for easy shirring and gathering on lightweight to medium fabrics with overlock or chain stitch settings. Includes machine settings and detailed usage steps.</p>