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› [Blooy](#) /

› Blooy 400-06581 Shuttle Hook User Manual for JUKI LK-1900 Series Bartack Sewing Machines

Blooy 400-06581

Blooy 400-06581 Shuttle Hook User Manual

FOR JUKI LK-1900 SERIES BARTACK SEWING MACHINES

1. Product Overview

The Blooy 400-06581 Shuttle Hook is a replacement component designed for specific JUKI bartack sewing machines. This heavy-duty shuttle hook is engineered to facilitate sewing through thick fabrics, ensuring consistent stitch quality and reliable performance in demanding applications.

It serves as a critical part of the sewing machine's bobbin and thread loop formation mechanism.



Image 1: Front view of the Blooy 400-06581 Shuttle Hook. This component is essential for thread looping in industrial sewing machines.

2. Compatibility

This shuttle hook (Part Code: 400-06581, Alternate Codes: #401-12995 / #40112995 / HLK-280(2)) is compatible with the following JUKI Bartacking Sewing Machine models:

- JUKI LK-1900A
- JUKI LK-1900AH
- JUKI LK-1900SH
- JUKI LK-1902ANH

It is specifically designed for applications involving thick fabrics.

SHUTTLE (H) For LK-1900A Fit JUKI LK-1900A Bartacking Machine



Image 2: The Blooy Shuttle Hook, indicating its compatibility with JUKI LK-1900A bartacking machines.

3. Setup and Installation

Proper installation of the shuttle hook is crucial for optimal sewing machine performance. Refer to your specific JUKI LK-1900 series sewing machine's official service manual for detailed, model-specific installation instructions. The following is a general guide:

1. **Safety First:** Always turn off and unplug your sewing machine before performing any maintenance or part

replacement.

2. **Access the Hook Area:** Depending on your machine model, you may need to remove the needle plate, bobbin case, and potentially other covers to access the shuttle hook mechanism.
3. **Remove Old Hook (if applicable):** Carefully unfasten any screws or clips securing the existing shuttle hook. Note its orientation for correct reassembly.
4. **Install New Hook:** Position the Blooy 400-06581 Shuttle Hook into its designated slot. Ensure it sits flush and aligns correctly with the machine's timing mechanisms.
5. **Secure the Hook:** Fasten any screws or clips to secure the new shuttle hook firmly in place. Do not overtighten.
6. **Reassemble:** Replace any covers, the bobbin case, and the needle plate.
7. **Test:** Plug in the machine, turn it on, and perform a few test stitches on scrap fabric to verify correct operation and stitch formation. Adjust tension if necessary.

Incorrect installation can lead to skipped stitches, thread breakage, or damage to the machine. If you are unsure, consult a qualified sewing machine technician.



Image 3: Angled view of the shuttle hook, showing its intricate design. Proper alignment during installation is critical.

4. Operating Considerations

While the shuttle hook itself does not have operational controls, its function directly impacts the sewing machine's ability to perform. This heavy-duty shuttle hook is specifically designed for sewing thick fabrics. When working with such materials:

- Ensure you are using appropriate needles for thick fabrics.
- Adjust thread tension as needed for the fabric thickness and thread type.
- Use high-quality thread suitable for heavy-duty applications.
- Regularly check the bobbin winding and insertion for smooth operation.

The robust design of this shuttle hook contributes to reliable stitch formation even under increased load from thick materials.

5. Maintenance

To ensure the longevity and optimal performance of your Blooy 400-06581 Shuttle Hook and your sewing machine, regular maintenance is recommended:

- **Cleaning:** Periodically remove lint, dust, and thread fragments from around the shuttle hook and bobbin area. Use a small brush or compressed air.
- **Lubrication:** Refer to your JUKI sewing machine's manual for specific lubrication points and recommended oil types. The shuttle hook area often requires a drop of sewing machine oil.
- **Inspection:** Regularly inspect the shuttle hook for any signs of wear, nicks, burrs, or damage. A damaged hook can snag thread and cause stitching problems. Replace if damage is observed.
- **Bobbin Case:** Ensure the bobbin case is clean and free of debris, as this directly interacts with the shuttle hook.



Image 4: Top-down view of the shuttle hook, highlighting areas that may accumulate lint and require cleaning.

6. Troubleshooting

If you experience issues after installing or while using the Blooy 400-06581 Shuttle Hook, consider the following common troubleshooting steps:

- **Skipped Stitches:**
 - Check needle type and size; ensure it's appropriate for the fabric.
 - Verify the needle is inserted correctly and not bent.
 - Re-thread the machine completely, both top thread and bobbin.
 - Inspect the shuttle hook for burrs or damage.
- **Thread Breakage:**
 - Check for proper tension settings.
 - Ensure the thread path is clear and free of snags.
 - Inspect the shuttle hook for sharp edges or nicks.
 - Use good quality thread.

- **Noisy Operation:**

- Clean and lubricate the shuttle hook area as per your machine's manual.
- Ensure the shuttle hook is securely installed.

For persistent issues, consult your JUKI sewing machine's comprehensive troubleshooting guide or contact a professional technician.

7. Specifications

Feature	Detail
Part Code	400-06581
Alternate Codes	#401-12995 / #40112995 / HLK-280(2)
Compatibility	JUKI LK-1900A, LK-1900AH, LK-1900SH, LK-1902ANH Bartacking Sewing Machines
Application	Sewing Thick Fabric
Product Dimensions	2.5 x 2.5 x 1 inches
Item Weight	0.705 ounces
Manufacturer	Blooy

8. Warranty and Support

For information regarding warranty coverage for the Blooy 400-06581 Shuttle Hook, please refer to the documentation provided at the time of purchase or contact the seller directly. As this is a replacement part, warranty terms may vary.

For technical support or further assistance with installation and troubleshooting, please contact the seller or a certified sewing machine technician.

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