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Blooy SH282

Blooy SH282 Koban Shuttle Hook Instruction Manual

Model: SH282

Product Overview

The Blooy SH282 Koban Shuttle Hook is a precision-engineered replacement part designed for industrial bartacking sewing machines. This component is essential for the proper functioning of the sewing machine's bobbin and thread handling system, particularly for heavy-duty applications involving thick fabrics.

Key features include:

- Part Code: **SH282** (Alternate Part Codes: D1818-282-N00 / 40318501 / 40112995 / 07-129A-120H)
- Designed for heavy work and thick fabrics.
- Manufactured in Japan, ensuring high quality and durability.
- Generic sewing machine part, compatible with various models.



Image: A detailed close-up of the SH282 Koban Shuttle Hook, showcasing its metallic finish and precise construction.



Image: The SH282 Koban Shuttle Hook displayed alongside its product packaging, which features the "Koban Hook SH282" label, from a slightly different angle.

Compatibility

The SH282 Koban Shuttle Hook is compatible with the following industrial sewing machine models:

- **JUKI Models:** LK-1850, LK-1850C, LK-1850J, LK-1900, LK-1900A, LK-1900AN, LK-1900B, LK-1900BN, LK-1900A, LK-980, AMS-210C, AMS-212C
- **JACK Models:** JK-T1850, T1900
- **SUNSTAR Models:** SPS/C-B1201



Image: The SH282 Koban Shuttle Hook displayed alongside its product packaging, clearly showing the "Koban Hook SH282" branding.

Installation (Setup)

Proper installation of the shuttle hook is critical for the correct operation of your sewing machine. Due to the precise nature of industrial sewing machines, it is highly recommended to consult your specific machine's service manual or a qualified technician for detailed installation instructions.

General Guidelines:

1. **Safety First:** Always disconnect the sewing machine from its power source before attempting any installation or maintenance.
2. **Access the Hook Area:** Refer to your machine's manual to locate and access the shuttle hook assembly. This may involve removing covers or plates.
3. **Remove Old Hook:** Carefully remove the existing shuttle hook, noting its orientation and any associated components like the bobbin case.
4. **Inspect:** Before installing the new SH282 hook, inspect it for any manufacturing defects or damage.
5. **Install New Hook:** Insert the new SH282 hook into its designated position, ensuring it seats correctly and aligns with all necessary mechanisms. Pay close attention to timing and clearance as per your machine's manual.
6. **Reassemble:** Reattach any covers or plates removed during the process.
7. **Test:** After installation, manually turn the machine's handwheel to ensure smooth operation and proper hook movement before reconnecting power and running the machine.



Image: An angled view of the SH282 Koban Shuttle Hook, highlighting the "JAPAN" engraving on its base, indicating its country of origin.

Operation

The SH282 Koban Shuttle Hook functions as an integral part of your sewing machine's stitch formation process. Once correctly installed, its operation is synchronized with the machine's needle bar and feed dog system.

Key Operational Aspects:

- **Thread Loop Capture:** The hook is responsible for catching the needle thread loop as the needle rises, allowing the bobbin thread to pass through it to form a lockstitch.
- **Bobbin Case Interaction:** It securely holds and rotates the bobbin case, ensuring consistent tension and smooth thread delivery from the bobbin.
- **Heavy Duty Performance:** This specific hook is designed to withstand the demands of sewing through thick fabrics, providing reliable stitch formation even under high stress.

Ensure that the bobbin is correctly wound and inserted into the bobbin case, and that the bobbin case is properly seated within the shuttle hook. Incorrect threading or bobbin insertion can lead to skipped stitches or thread breakage.

Maintenance

Regular maintenance of the SH282 Koban Shuttle Hook will extend its lifespan and ensure optimal sewing machine performance.

- **Cleaning:** Periodically remove the shuttle hook and bobbin case. Use a small brush or compressed air to

remove lint, dust, and thread scraps that accumulate in and around the hook area. Accumulation can impede smooth operation and affect stitch quality.

- **Lubrication:** Apply a small drop of high-quality sewing machine oil to the designated oiling points of the hook, as indicated in your machine's service manual. Proper lubrication reduces friction and wear.
- **Inspection:** Regularly inspect the hook for any signs of wear, nicks, burrs, or damage, especially on the hook point and thread path surfaces. Even minor imperfections can cause thread breakage or skipped stitches. Replace the hook if significant wear or damage is observed.
- **Storage:** If the machine is to be stored for an extended period, ensure the hook area is clean and lightly oiled to prevent rust.



Image: A clear side profile of the SH282 Koban Shuttle Hook, showing its curved design and the central spindle.



Image: A top-down view of the SH282 Koban Shuttle Hook, highlighting the internal structure and openings.

Troubleshooting

If you encounter issues related to the shuttle hook, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Skipped Stitches	Hook timing off, damaged hook point, lint accumulation.	Check hook timing (consult machine manual), inspect hook for damage and replace if necessary, clean hook area thoroughly.
Thread Breakage	Burrs or nicks on hook, incorrect bobbin tension, improper threading.	Inspect hook for rough spots and replace if damaged, adjust bobbin tension, re-thread machine correctly.
Noisy Operation	Lack of lubrication, lint buildup, worn hook.	Lubricate hook, clean thoroughly, consider replacing if noise persists after cleaning and oiling.
Poor Stitch Quality	Worn hook, incorrect bobbin case seating.	Inspect and replace worn hook, ensure bobbin case is seated firmly and correctly.

For complex issues or if you are unsure about performing repairs, it is always best to contact a certified sewing machine technician.



Image: An alternative angled view of the SH282 Koban Shuttle Hook, useful for visual inspection during troubleshooting.

Specifications

Attribute	Detail
Part Code	SH282
Alternate Part Codes	D1818-282-N00 / 40318501 / 40112995 / 07-129A-120H
Product Dimensions	2.76 x 1.97 x 1.97 inches
Item Model Number	SH282
ASIN	B0CV9QK2B7
Item Weight	2.82 ounces
Manufacturer	Blooy
Origin	Japan
First Available Date	February 9, 2024

Warranty and Support

This Blooy SH282 Koban Shuttle Hook is a generic sewing machine part. For specific warranty information, please

refer to the policies of the retailer or the manufacturer, Blooy. For technical support regarding installation or compatibility, it is recommended to consult a professional sewing machine technician or the service manual for your specific sewing machine model.

The seller for this product is Jsewing Machine Accessories. For purchase-related inquiries, please contact the seller directly.

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