Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

CKPSMS 400-04215

CKPSMS Needle Bar #400-04215 Instruction Manual

For JUKI LBH-791S, LBH-1790 Series Industrial Sewing Machines

1. Product Overview

This manual provides essential information for the proper installation, operation, and maintenance of the CKPSMS Needle Bar, part number 400-04215. This high-quality replacement component is designed to ensure optimal performance of compatible industrial buttonhole sewing machines.

Key Features:

- Genuine CKPSMS Brand Needle Bar.
- Part Number: 400-04215 (Alternative: 40004215).
- Designed for durability and precision in industrial sewing applications.

Compatibility:

This needle bar is compatible with/replacement for the following JUKI brand BUTTONHOLE INDUSTRIAL Sewing Machines:

- LBH-791S
- LBH-1790 SERIES
- LBH-1790S
- LBH-1790A
- LBH-1795A
- LBH-1796A
- LBH-1790AN
- LBH-1795AN
- LBH-1796AN



Figure 1: Front view of the CKPSMS Needle Bar #400-04215. This image shows the full length of the needle bar, highlighting its cylindrical body and the top end where needles are typically secured.

2. Installation and Setup

The needle bar is a critical component of a sewing machine's needle mechanism. Proper installation is essential for the machine's functionality and stitch quality. It is highly recommended that installation be performed by a qualified sewing machine technician or by carefully following the specific instructions provided in your JUKI sewing machine's official service manual.

General Installation Steps (Consult your machine's manual for precise instructions):

1. **Safety First:** Disconnect the sewing machine from its power source before attempting any installation or maintenance.
2. **Access:** Open the necessary covers or panels on your sewing machine to access the existing needle bar assembly.

3. **Removal:** Carefully loosen any set screws or fasteners holding the old needle bar in place. Note the orientation and depth of the old needle bar before removal.
4. **Insertion:** Insert the new CKPSMS Needle Bar #400-04215 into its designated position. Ensure it is correctly aligned and seated.
5. **Adjustment:** Adjust the needle bar's height and rotation according to your JUKI machine's specifications. This step is crucial for proper needle timing and loop formation. Refer to your machine's service manual for exact measurements and procedures.
6. **Secure:** Tighten all set screws and fasteners securely, but do not overtighten.
7. **Test:** Reconnect power and perform a manual test run to ensure smooth operation and correct needle movement before resuming full operation.



Figure 2: Angled view of the CKPSMS Needle Bar #400-04215, emphasizing the top end with screw holes for needle attachment. This view is helpful for understanding the orientation during installation.

3. Operation

Once correctly installed, the CKPSMS Needle Bar #400-04215 functions as an integral part of your JUKI industrial sewing machine's stitching mechanism. It holds the sewing needle securely and facilitates its precise vertical movement, allowing the needle to penetrate the fabric, form loops, and interact with the bobbin thread to create stitches.

No direct user operation is required for the needle bar itself beyond its proper installation and ensuring the needle is correctly inserted into it. The machine's normal operation will control the needle bar's movement.

4. Maintenance

Regular maintenance of your sewing machine, including its internal components like the needle bar, contributes to its longevity and consistent performance. While the needle bar itself requires minimal direct maintenance, consider the following:

- **Cleaning:** Periodically clean around the needle bar area to remove lint, dust, and thread fragments that can accumulate and impede smooth movement. Use a soft brush or compressed air.
- **Lubrication:** Refer to your JUKI sewing machine's maintenance manual for specific lubrication points and schedules. Ensure that any moving parts associated with the needle bar's mechanism are adequately lubricated with appropriate sewing machine oil.
- **Inspection:** Regularly inspect the needle bar for any signs of bending, wear, or damage. A bent or damaged needle bar can lead to skipped stitches, needle breakage, or damage to other machine components. Replace if any damage is observed.
- **Needle Replacement:** Always ensure that needles are correctly inserted into the needle bar and tightened securely. Use the correct type and size of needle for your fabric and thread.

5. Troubleshooting

Issues related to the needle bar often manifest as problems with stitching or needle performance. If you experience any of the following, consider checking the needle bar and its associated components:

- **Skipped Stitches:** Can be caused by incorrect needle bar height, a bent needle bar, or an improperly inserted needle.
- **Needle Breakage:** May occur if the needle bar is bent, misaligned, or if the needle is hitting the bobbin case or presser foot.
- **Poor Stitch Quality:** Irregular stitches, loose stitches, or tangled threads can sometimes be traced back to issues with needle bar timing or movement.
- **Unusual Noises:** Grinding or knocking sounds from the needle area could indicate friction or misalignment involving the needle bar.

If troubleshooting these common issues does not resolve the problem, or if you suspect the needle bar itself is faulty, it is recommended to consult a professional sewing machine technician or contact CKPSMS technical support.

6. Specifications

Attribute	Detail
Part Number	400-04215 (Alternative: 40004215)
Part Name	Needle Bar
Quantity	1 PCS
Product Dimensions	15 x 12 x 1 inches
Manufacturer	CKPSMS
ASIN	B0CJV38CF4

7. Technical Support

For any questions regarding the compatibility or usage of the CKPSMS Needle Bar #400-04215, please contact CKPSMS technical support. When contacting support, please provide your machine brand and complete model number for accurate assistance.

Contact Method: Send a message via Amazon (as per product description).

Response Time: Technicians typically provide professional and accurate advice within 24/7.

Note: This manual provides general guidance. Always refer to your specific JUKI sewing machine's official service manual for detailed instructions on part replacement and machine adjustments.

© 2024 CKPSMS. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0CJV38CF4

More documents and user manuals: **https://manuals.plus/**