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› JUKI Tajima SAI 8 Needle Embroidery Machine User Manual

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Model: Tajima SAI 8

1. INTRODUCTION

Thank you for choosing the JUKI Tajima SAI 8 Needle Embroidery Machine. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new embroidery machine. Please read this manual thoroughly before operating the machine and keep it for future reference.

2. SAFETY INSTRUCTIONS

- Always disconnect the power supply before cleaning, servicing, or when the machine is not in use.
- Keep fingers and loose clothing away from moving parts during operation.
- Use only JUKI-approved accessories and replacement parts.
- Ensure the machine is placed on a stable, level surface.
- Do not operate the machine in damp or wet conditions.

3. SETUP

3.1 Unpacking and Inspection

Carefully remove the machine from its packaging. Inspect all components for any signs of damage during transit. Ensure all accessories listed in the packing list are present.

3.2 Power Connection

Connect the power cord to the machine and then to a grounded electrical outlet. Ensure the voltage matches the machine's requirements.

3.3 Thread Loading

Place the thread spools onto the designated thread stands. Follow the numbered threading path for each of the 8 needles, ensuring the thread passes through all guides and tension discs correctly. Refer to the machine's visual guides for precise threading.

3.4 Hoop Attachment

Select the appropriate hoop for your project. Secure the fabric firmly within the hoop, ensuring it is taut and wrinkle-free. Attach the

hooped fabric to the machine's embroidery arm, ensuring it clicks securely into place.



Image: The JUKI Tajima SAI 8 Needle Embroidery Machine with a purple shirt hooped and ready for embroidery. The control panel displays a design, and multiple thread spools are visible.

4. OPERATING INSTRUCTIONS

4.1 Control Panel Overview

The machine features an intuitive touch-screen control panel. Familiarize yourself with the main icons for design selection, machine settings, and operational controls (Start, Stop, Pause).

4.2 Design Loading

Designs can be loaded via USB or directly from the included software. Select the desired design from the control panel's menu. Adjust the design's position, rotation, and size as needed to fit your hooped fabric.

4.3 Embroidery Process

1. After loading the design and attaching the hoop, ensure the correct thread colors are loaded for each needle.
2. Perform a trace function to verify the design fits within the hoop area without hitting the hoop.
3. Press the 'Start' button on the control panel to begin embroidery.
4. Monitor the machine during operation. The machine will automatically change colors according to the design.
5. Press 'Stop' or 'Pause' if necessary to address thread breaks or other issues.

4.4 Hat Hoop Usage

The included hat hoop allows for embroidery on caps and hats. Attach the hat hoop adapter to the machine, then secure the hat

onto the hoop. Ensure the hat is positioned correctly to avoid stitching through multiple layers or the brim.



Image: The JUKI Tajima SAI 8 Needle Embroidery Machine positioned in a creative workspace, surrounded by shelves filled with colorful fabrics and thread spools, illustrating its integration into a crafting environment.

5. MAINTENANCE

5.1 Cleaning Procedures

- **Daily Cleaning:** Use a soft brush or vacuum cleaner to remove lint and dust from the bobbin area, needle plate, and thread path.
- **Weekly Cleaning:** Remove the needle plate and clean thoroughly underneath. Check for any tangled threads or debris.
- **Screen Cleaning:** Use a soft, dry cloth to clean the touch screen. Do not use harsh chemicals.

5.2 Lubrication

Regularly apply a small amount of high-quality sewing machine oil to designated lubrication points as indicated in the machine's internal diagrams (refer to the detailed service manual for specific points). Over-oiling can cause issues.

5.3 Thread Path Maintenance

Periodically inspect all thread guides and tension discs for wear or damage. Replace any worn parts to ensure smooth thread flow and consistent stitch quality.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Thread Breakage	Incorrect threading, worn needle, improper tension, poor quality thread.	Re-thread the machine, replace needle, adjust tension, use high-quality thread.

Problem	Possible Cause	Solution
Skipped Stitches	Bent or dull needle, incorrect needle size for fabric, improper hooping.	Replace needle, use correct needle type/size, re-hoop fabric tightly.
Machine Not Starting	Power not connected, safety sensor triggered, emergency stop engaged.	Check power connection, ensure all covers are closed, disengage emergency stop.
Poor Stitch Quality	Incorrect tension, dirty bobbin case, wrong stabilizer.	Adjust upper and bobbin tension, clean bobbin area, use appropriate stabilizer.

7. SPECIFICATIONS

- **Brand:** JUKI
- **Model Number:** Tajima SAI 8
- **Material:** Metal
- **Power Source:** Corded Electric
- **Is Electric:** Yes
- **Needle Count:** 8 Needles

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your machine or contact your authorized JUKI dealer. You can also visit the official JUKI website for the latest support resources and contact details.

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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