CKPSMS 600470

CKPSMS Needle Plate #600470 Instruction Manual

For Singer and Pfaff Overlock Sewing Machines

Introduction

This manual provides instructions for the CKPSMS Needle Plate, part number 600470. This high-quality replacement part is designed to ensure optimal performance of your compatible overlock sewing machine. Please read these instructions carefully before installation and use.

Product Overview

The needle plate is a critical component of your sewing machine, providing a stable surface for fabric feed and needle penetration. This specific needle plate, part number 600470, is a direct replacement for the original part and is designed for durability and precision in your sewing projects.



Image Description: A close-up view of the CKPSMS Needle Plate #600470, showing its metallic surface, the needle holes, and the part number "600470" etched on it. The image also includes a notice stating, "Notice: This needle plate is not #600454 Needle Plate."



Image Description: An angled view of the CKPSMS Needle Plate #600470, showing its underside and the packaging. The plate appears to be made of a silver-colored metal, with specific cutouts and markings for its function.

Compatibility

This needle plate (part number 600470, alternative part number 68015918) is compatible with the following domestic overlock sewing machine models:

- **Singer Brand Sewing Machine Models:** SE017, HD0400S, HD0405S, S010L, S0100
- **Pfaff Brand Sewing Machine Models:** Element 1230OL

Important Note: This needle plate is not compatible with part number #600454 Needle Plate. Please verify your machine's required part number before installation.

Parts Included

- 1 x CKPSMS Needle Plate #600470

Setup and Installation

Proper installation of the needle plate is crucial for the correct functioning of your sewing machine. Always ensure the machine is turned off and unplugged before attempting any installation or maintenance.

1. **Preparation:** Turn off and unplug your sewing machine. Raise the presser foot and needle to their highest positions.
2. **Remove Old Needle Plate:** Locate the screws holding the existing needle plate in place. Use an appropriate screwdriver to carefully loosen and remove these screws. Lift the old needle plate away from the machine.
3. **Clean Area:** Use a small brush or lint remover to clean any lint, dust, or thread debris from the bobbin area and feed dog mechanism.
4. **Position New Needle Plate:** Carefully align the new CKPSMS Needle Plate #600470 over the feed dogs and screw holes. Ensure it sits flush with the machine bed.
5. **Secure Needle Plate:** Insert the screws and gently tighten them. Do not overtighten, as this can damage the plate or the machine. Ensure the plate is secure and does not wobble.
6. **Test:** Plug in your machine and perform a manual test by slowly turning the handwheel to ensure the needle passes through the needle hole without obstruction.

If you encounter any difficulties during installation, refer to your sewing machine's specific user manual or contact technical support.

Operation

Once installed, the needle plate works in conjunction with the feed dogs to move the fabric smoothly under the needle. It provides a flat surface for the fabric and ensures the needle penetrates the fabric correctly.

- **Fabric Feeding:** Ensure the fabric is placed flat on the needle plate before lowering the presser foot.
- **Needle Clearance:** Verify that the needle passes cleanly through the needle hole in the plate. A bent needle or misaligned plate can cause the needle to strike the plate, leading to breakage or damage.
- **Stitch Quality:** A properly installed needle plate contributes to consistent stitch formation and prevents fabric from being pulled into the bobbin area.

Maintenance

Regular maintenance of your needle plate and surrounding area will prolong the life of your sewing machine and ensure smooth operation.

- **Cleaning:** Periodically remove the needle plate (following the installation steps in reverse) and clean the area underneath. Use a soft brush to remove lint and thread buildup from the feed dogs and bobbin case area.
- **Inspection:** Inspect the needle plate for any burrs, scratches, or damage around the needle hole. A damaged plate can snag fabric or cause needle breakage. Replace if significant damage is observed.
- **Storage:** If removing the plate for extended periods, store it in a clean, dry place to prevent corrosion or damage.

Troubleshooting

If you experience issues after installing the new needle plate, consider the following:

- **Needle Breaking:** Ensure the needle is correctly inserted and not bent. Verify the needle plate is securely fastened and not misaligned, causing the needle to strike it.
- **Skipped Stitches:** Check if the needle plate is installed correctly and if there is any debris affecting the feed dogs.

- **Fabric Not Feeding:** Ensure the feed dogs are clean and not obstructed. The needle plate must be flush with the machine bed.
- **Loose Screws:** Periodically check and gently tighten the needle plate screws to prevent vibration and misalignment during operation.

Specifications

- **Part Number:** 600470 (Alternative: 68015918)
- **Product Dimensions:** 3.03 x 2.2 x 1.18 inches
- **Item Weight:** 1.92 ounces
- **Material:** Metal

Technical Support and Warranty

CKPSMS offers technical support for product recommendations, installation guidance, and usage assistance. If you have questions or require further help, please contact CKPSMS customer service.

For warranty information, please refer to the product packaging or contact CKPSMS directly.

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

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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