CKPSMS 744004001

CKPSMS #744004001 Needle Plate Instruction Manual

Model: 744004001

Brand: CKPSMS

1. Product Overview

This document provides comprehensive instructions for the CKPSMS #744004001 Needle Plate, a replacement component designed for various zig-zag sewing machine models. The needle plate is a critical part of your sewing machine, providing a flat surface for fabric to move smoothly and ensuring proper needle penetration.

Key Features:

- High-quality replacement needle plate.
- Designed for zig-zag stitching.
- Alternative part numbers: 739008009, 744004104, 98-739008-00.



Figure 1: Front view of the CKPSMS #744004001 Needle Plate. This image displays the top surface of the needle plate, showing the needle hole, feed dog slots, and stitch guide markings for accurate sewing.

2. Compatible Sewing Machine Models

The CKPSMS #744004001 Needle Plate is compatible with a wide range of sewing machines from various brands. Please verify your machine's model number against the lists below to ensure compatibility.

Janome (New Home) Models:

- 639, 1004, 1017 Harmony, 1117S, 1780, 1814P, 1818, 1822, 2003P, 2018S, 2032 Realtex, 2039SN, 2041 Harmony, 2041LX, 2041NX, 2041S, 2041SX, 2049 Harmony, 2049LX, 2049NX, 2049SX, 2118S, 2139 Harmony, 2139N, 2139S, 2141S, 2149SX, 2206, 2212, 2222, 234, 3125, 3128, Hello Kitty Full Size 385.11706, Hello Kitty 13512, Hello Kitty 14412, Hello Kitty 15312, Hello Kitty 15822, HF1012, HF106, HF107, HF2022, HF234, Indigo 14, Indigo 18, Indigo 20, Indigo 4, JD1004, JD1022, JD1803, JD1804, JD1806, JD1810, JD1812, JD1814, JD1816, JD1818, JD1822, Jem Lite, JF1004, JF1012, JF1014, JF1018, JF1018S, JF1022, JH1104, JH1114, JH1118S, JR1012, JS1004, JS1008LE, JW5622, NH15, NH22, NH7, QS2250, RE1706, T923, US2004, US2014

Kenmore Models:

- 384.13012000, 385.11206, 385.11206300, 385.12049,

385.12049200, 385.12102, 385.12102990, 385.12314990, 385.12318, 385.12318990, 385.12514, 385.12912, 385.12912890, 385.12916, 385.12916890, 385.15008, 385.15008100, 385.15108, 385.15108200, 385.15202, 385.15202400, 385.15208, 385.15208400, 385.15212, 385.15212400, 385.15218, 385.15218400, 385.15343, 385.15343600, 385.15358, 385.15358600, 385.15408, 385.15408500, 385.15510, 385.15510200, 385.15512, 385.15516, 385.1551600, 385.15518, 385.15518000, 385.15616, 385.15616500, 385.15718

Babylock Models:

- BL1108, BL1170, BL16, BL18, BL18A (Natalie), BL22 Design Pro, BL23 Design Pro, BL23A Maria, BL25A, BL9

Elna Models:

- 1000, 2002, 2003, 2004, 2006, 2100, 2300, eXplore 220, eXplore 240, Sew 75, Sew Fun, Sew Green, Sew Zebra

Necchi Models:

- 6018, EV7

Husqvarna Viking Models:

- Huskystar 207, Huskystar 215

Pfaff Models:

- 350, 382, 422

Simplicity Models:

- S180, SL1170

3. Installation Guide

Follow these steps to safely install or replace the needle plate on your sewing machine. Always refer to your sewing machine's specific user manual for detailed instructions if available.

1. **Safety First:** Before beginning any installation or maintenance, ensure your sewing machine is turned**OFF** and **UNPLUGGED** from the power outlet. This prevents accidental operation and potential injury.
2. **Remove Existing Needle Plate:** Locate the screws holding the current 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 the Area:** While the needle plate is removed, take the opportunity to clean any lint, dust, or debris from the feed dogs and bobbin area using a small brush or lint remover.
4. **Position New Needle Plate:** Carefully align the CKPSMS #744004001 Needle Plate over the feed dogs and screw holes. Ensure it sits flush with the machine bed.
5. **Secure the Plate:** Insert the screws into their respective holes and gently tighten them. Do not overtighten, as this can strip the threads or damage the plate. Ensure the plate is securely fastened and does not wobble.
6. **Test Functionality:** Once installed, plug in and turn on your machine. Manually turn the handwheel a few times to ensure the needle passes through the needle hole without obstruction and the feed dogs move freely.



Figure 2: Underside view of the CKPSMS #744004001 Needle Plate. This image shows the reverse side of the needle plate, highlighting the mounting holes and the structure that interacts with the machine's feed dogs and bobbin area during installation.

4. Usage and Function

The needle plate serves several crucial functions during sewing:

- **Fabric Support:** Provides a smooth, flat surface for the fabric to rest on as it is fed through the machine, preventing it from being pulled down into the bobbin area.
- **Stitch Formation:** The needle hole allows the needle to pass through the fabric and meet the bobbin thread for stitch formation.
- **Feed Dog Interaction:** Works in conjunction with the feed dogs, which protrude through the slots in the needle plate, to move the fabric evenly.
- **Stitch Guides:** Many needle plates, including this model, feature etched lines that act as guides for maintaining straight seams at various widths.

5. Maintenance and Care

Proper maintenance of your needle plate ensures optimal sewing performance and extends its lifespan.

- **Regular Cleaning:** Periodically remove the needle plate and clean any accumulated lint or thread bits from underneath it and around the feed dogs. This prevents fabric jams and ensures smooth feeding.
- **Inspect for Damage:** Regularly check the needle plate for any burrs, scratches, or damage around the needle hole. A damaged needle plate can snag fabric, break needles, or affect stitch quality.
- **Replacement:** If the needle plate shows signs of significant wear or damage, it should be replaced to maintain sewing

machine performance and prevent further issues. **Do not use a damaged or bent needle plate.**

6. Troubleshooting Common Issues

If you encounter problems related to your needle plate, consider the following:

- **Fabric Snagging:** If fabric snags or gets caught, check the needle plate for burrs or rough edges, especially around the needle hole. A damaged plate may need replacement.
- **Broken Needles:** Frequent needle breakage can sometimes be caused by a misaligned or damaged needle plate. Ensure the plate is installed correctly and inspect the needle hole for any obstructions or damage.
- **Uneven Stitching:** Lint buildup under the needle plate or around the feed dogs can lead to uneven fabric feeding and inconsistent stitch length. Clean the area thoroughly.
- **Plate Not Sitting Flush:** If the needle plate does not sit flush, re-check the installation steps. Ensure no debris is preventing it from seating properly and that screws are tightened evenly.

7. Product Specifications

Specification	Detail
Item Model Number	744004001
Package Dimensions	4 x 2 x 0.01 inches
Item Weight	0.176 ounces
Manufacturer	CKPSMS
Date First Available	December 11, 2017

8. Technical Support and Product Authenticity

For technical assistance or inquiries regarding the compatibility of this part with your machine, please contact CKPSMS support. Provide your machine's brand and complete model number for accurate advice.

- If you are unsure about compatibility, send a message to CKPSMS via Amazon for professional advice.
- For any issues encountered while using the received parts, contact CKPSMS for assistance.

If the item you receive isn’t in CKPSMS branded packaging, as shown in this photo, it indicates that you’ve received a counterfeit of the CKPSMS brand.



Figure 3: CKPSMS #744004001 Needle Plate shown in its branded packaging. To ensure you have received a genuine CKPSMS product, verify that the item is in CKPSMS branded packaging as depicted.

CKPSMS is a professional supplier of sewing machine spare parts and accessories. For more information, visit the official CKPSMS Store.

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