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> [CKPSMS Double Toe Walking Foot Instruction Manual for Pfaff Sewing Machines Models 145, 146, 195, 245, 335, 545, 1245](#)

CKPSMS 46970+40474-4=91-014522293

CKPSMS Double Toe Walking Foot Instruction Manual

Models: 46970+40474-4=91-014522293

1. PRODUCT OVERVIEW

The CKPSMS Double Toe Walking Foot is a specialized presser foot designed for industrial sewing machines. It features both an outside foot (#46970) and an inside foot (#40474-4), working in conjunction to provide even feeding of multiple layers of fabric or challenging materials such as leather, upholstery, canvas, and tent fabrics. This foot helps prevent shifting, puckering, and uneven stitching, ensuring consistent seam quality.



Image 1.1: Side view of the CKPSMS Double Toe Walking Foot, showing its robust construction and dual-foot design.

2. COMPATIBILITY

This walking foot is compatible with a range of industrial sewing machine models. Please verify your machine model against the list below for proper fitment.

- **Pfaff Sewing Machine Models:** 145, 146, 195, 245, 335, 540, 545, 1240, 1245. *(Note: Not compatible with PFAFF 9063)*
- **Highlead Sewing Machine Models:** GS2698-1B
- **Zoje Sewing Machine Models:** 335/335A
- **Wimsew Sewing Machine Models:** 0602

3. COMPONENTS INCLUDED

The package includes a complete set of the double toe walking foot assembly.

- 1 x Outside Foot (Part #46970)
- 1 x Inside Foot (Part #40474-4)
- Alternative Part Number: 91-014522293
- Size: 3/16" = 4MM (measured from the center needle hole to the side)



Image 3.1: The CKPSMS Double Toe Walking Foot components, including the outside and inside feet, as packaged.

4. SETUP AND INSTALLATION

Follow these steps to properly install the double toe walking foot on your compatible sewing machine.

1. **Power Off Machine:** Ensure your sewing machine is turned off and unplugged from the power source for safety.
2. **Remove Existing Foot:** Loosen the screw that holds the current presser foot in place and carefully remove it.
3. **Attach Outside Foot:** Position the outside foot (#46970) onto the presser bar. Align the screw hole on the foot with the screw hole on the presser bar.
4. **Secure Outside Foot:** Insert the screw and tighten it securely, but do not overtighten.
5. **Insert Inside Foot:** Slide the inside foot (#40474-4) into the designated slot within the outside foot. Ensure it moves freely.
6. **Check Alignment:** Manually lower the needle to ensure it passes cleanly through the needle hole of both the inside and outside feet without obstruction. Adjust the foot position slightly if necessary before fully tightening.
7. **Test Functionality:** With the machine still off, manually turn the handwheel to observe the walking motion of the foot. Both feet should move in sync to feed the fabric.



Image 4.1: Top view of the CKPSMS Double Toe Walking Foot, illustrating the textured surface for enhanced grip on materials.

5. OPERATING INSTRUCTIONS

The double toe walking foot is designed to provide superior fabric feeding, especially for thick, slippery, or multi-layered materials. Here are general guidelines for its use:

- **Material Handling:** Place your fabric layers evenly under the foot. The walking action will help grip and move all layers simultaneously.
- **Stitch Length:** Experiment with stitch length. For thicker materials, a slightly longer stitch length may be beneficial.
- **Needle Selection:** Use an appropriate needle size and type for your fabric. A heavy-duty needle is recommended for materials like leather or canvas.
- **Thread Tension:** Adjust your machine's thread tension as needed to achieve balanced stitches. The walking foot itself does not directly affect tension, but material thickness can.
- **Speed:** For optimal results, especially with challenging materials, sew at a moderate and consistent speed.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your walking foot.

- **Cleaning:** Periodically remove lint and dust from the foot, especially around the needle hole and feeding teeth, using a small brush or compressed air.
- **Inspection:** Regularly inspect the foot for any signs of wear, damage, or deformation. Ensure both the

inside and outside feet move smoothly.

- **Storage:** When not in use, store the walking foot in a clean, dry place to prevent rust or damage.

7. TROUBLESHOOTING

If you encounter issues while using the walking foot, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Needle rubs against the foot.	Foot not properly aligned or secured.	Loosen the screw, adjust the foot slightly to ensure the needle passes freely, then re-tighten. Ensure the correct foot size for your machine.
Uneven feeding or puckering.	Incorrect tension, wrong stitch length, or foot not moving freely.	Adjust thread tension. Increase stitch length for thicker materials. Clean any debris from the foot mechanism.
Foot feels loose or wobbly.	Mounting screw is loose.	Ensure the mounting screw is tightened securely.

8. SPECIFICATIONS

Brand:	CKPSMS
Model Number:	46970+40474-4=91-014522293
Material Type:	Steel (suitable for leather, upholstery, canvas)
Foot Type:	Double Toe Walking Foot (Outside Foot #46970, Inside Foot #40474-4)
Size:	3/16" = 4MM (from center needle hole to the side)

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts, please contact the manufacturer, CKPSMS, directly through their official channels or the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.