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IPC Sewing Parts RWA1

Plaid Matcher Walking Foot User Manual

Brand: IPC Sewing Parts | Model: RWA1

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your new Plaid Matcher Walking Foot (Model RWA1). Designed for use with various PFAFF and RICCAR low shank sewing machines, this accessory is essential for achieving precise fabric feeding, especially with challenging materials like plaids, stripes, and slippery fabrics.

The walking foot mechanism ensures that multiple layers of fabric are fed evenly through the sewing machine, preventing shifting, puckering, and misalignment. This results in professional-looking seams and accurate pattern matching.

PRODUCT OVERVIEW



Figure 1: Front view of the Plaid Matcher Walking Foot. This image shows the main body of the foot, including the feed dogs and the arm that connects to the needle bar.



Figure 2: Side view of the Plaid Matcher Walking Foot. This angle highlights the internal mechanism and the spring-loaded action that helps feed fabric layers evenly.



Figure 3: Top-down view of the Plaid Matcher Walking Foot. This perspective shows the overall shape and the attachment point for the presser foot bar.

SETUP AND INSTALLATION

Before installing the walking foot, ensure your sewing machine is turned off and unplugged for safety.

1. **Remove the Standard Presser Foot:** Loosen the screw that holds your current presser foot in place and carefully remove it.
2. **Remove the Presser Foot Holder:** For most low shank machines, you will also need to remove the entire presser foot holder (shank) to attach the walking foot directly to the presser bar. Loosen the screw holding the holder and slide it off.
3. **Attach the Walking Foot:** Position the walking foot so that the "arm" (the small fork-like piece extending upwards from the right side of the foot) rests over the needle bar clamp screw. This arm is crucial for the walking foot's movement.
4. **Secure the Walking Foot:** Align the hole on the walking foot with the presser bar. Insert the presser foot screw through the walking foot's attachment point and tighten it securely. Ensure the arm is still resting correctly over the

needle bar clamp.

- 5. Test Movement:** Gently lower the presser foot lever. The walking foot should move smoothly up and down with the needle bar. If it binds or does not move freely, recheck the installation.

Note: Always refer to your sewing machine's specific manual for detailed instructions on changing presser feet and shanks, as procedures may vary slightly between models.

OPERATING INSTRUCTIONS

The Plaid Matcher Walking Foot is ideal for sewing multiple layers of fabric, quilting, matching plaids or stripes, and working with slippery or thick materials.

- **Fabric Placement:** Place your fabric layers under the walking foot, ensuring they are aligned as desired.
- **Needle Selection:** Use an appropriate needle for your fabric type and thickness.
- **Stitch Settings:**
 - **Stitch Length:** A slightly longer stitch length (e.g., 2.5mm to 3.5mm) often works best with a walking foot, especially for quilting or thicker fabrics.
 - **Stitch Type:** This walking foot is compatible with both straight stitch and zigzag stitch settings. Ensure the needle clears the foot's opening when using zigzag.
- **Sewing Speed:** Sew at a moderate, consistent speed. The walking foot works by moving the top layer of fabric at the same rate as the bottom layer, and very high speeds can sometimes disrupt this synchronization.
- **Guiding Fabric:** Guide the fabric gently. Do not push or pull the fabric, as the walking foot is designed to feed it evenly. Allow the foot to do its work.

MAINTENANCE

Proper care will extend the life of your walking foot.

- **Cleaning:** Periodically remove lint and dust from the walking foot, especially around the moving parts and the feed dogs, using a small brush or lint roller.
- **Storage:** Store the walking foot in a dry, clean place when not in use, preferably in its original packaging or a dedicated sewing accessory box to prevent damage.
- **Lubrication:** The walking foot is generally maintenance-free regarding lubrication. Do not apply oil unless specifically instructed by a sewing machine technician, as it can attract lint and cause issues.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|----------------------------|--|--|
| Fabric not feeding evenly. | Arm not correctly positioned over needle bar clamp; foot not securely attached; incorrect stitch length. | Ensure the arm is correctly placed. Tighten the presser foot screw. Increase stitch length slightly. |
| Needle hitting the foot. | Incorrect needle position for zigzag stitch; foot not aligned. | Adjust needle position to center for zigzag. Re-attach foot ensuring it is straight. |
| Foot is binding or stiff. | Lint buildup; screw too tight. | Clean the foot thoroughly. Loosen the presser foot screw slightly, ensuring it's still secure. |

SPECIFICATIONS

Item ID: RWA1

Type: Plaid Matcher Walking Foot

Shank Type: Low Shank

Teeth: No Teeth (designed for smooth fabric feeding)

Compatibility: Compatible with PFAFF and RICCAR low shank machines (see detailed list below)

Manufacturer: Desk Dave

ASIN: B07NKTH22M

COMPATIBLE MODELS

This Plaid Matcher Walking Foot is compatible with a wide range of PFAFF and RICCAR low shank sewing machines. Please verify your machine's model number against the lists below:

PFAFF Models:

130, 1371p, 139, 204, 205, 206, 207, 208, 209, 210, 211, 230, 296, 303, 317, 342, 350, 370, 380, 382, 422, 800, 801, 802, 803, 806, 807, 808, 809, 874, 875, 876, 900, 904, 905 Hobbymatic, 907 Hobbymatic, 917 Hobbymatic, 919, 927 Hobbymatic, 933, 939 Hobbymatic, 946 Hobbymatic, 947 Hobbymatic, 953, 955, Hobby 340, Hobby 382, Hobby 521, Hobby 541, Hobby 721 & Hobby 741, hobby 301, 307, 309, Varimatic 6085, 6086, 6087, hobby 1020, 1022, 1030, 1032, 1040, 1042, Tipmatic 6110, 6112, select 1520, 1526, 1528, 2.0, tiptronic 2010, expression 2014, stretch & jeans 6091, Tipmatic 6122, 6152, tiptronic 6232, 6250, 6270, select 1530, 1536, 1538, 1540, 1546, 1548, 3.0, 4.0, Tiptronic 2020, 2030, 2040, Expression 2024, 2026, 2028, 2034, 2036, Quilt Expression 2042, 2044, 2046, Creative 2124, Creative 7560, Expression 2038, Quilt Expression 2048, Performance 2054, 2056, 2058, Creative 7530, 7550, 7562, 7570, 2134, 2140, 2144 and 2170.

RICCAR Models:

1010, 1900, 1925, 1934, 200, 2400, 2600, 2800, 2900, 2910, 2925, 2950, 300, 315FA, 315SU, 3300, 333, 3400, 3500, 3600, 368, 4001, 4003, 404, 410, 414, 469FA, 500, 505, 510, 515, 525, 550, 551, 555FA, 555SU, 570, 580E, 581, 5900, 591, 600, 6000, 600FA, 601, 606, 608, 610, 650, 666FA, 666SU, 695, 6950, 705, 706, 707, 7500, 7610, 777, 805, 806, 807, 808E, 8400, 8500, 888, 900, 906E, 9150, 916, 9160, 925, 950, 9600, 9700, 9800, 9900, BL2000, R104, R1100, R1500, R1570, R1570FB, R1800, R1850, R1926, R1950, R2050, R250, R3100, R3200, R552, R650, R651, R700, R709, R750, R751, R7620, R916, RE571, RE581, RE591, RE640, REC5900, REC6000, RM540, RM570, RS76, RS77, RS78, RS98, RZ206B, RZ208B, RZ210B, S02, Super Stretch and SZ702.

SUPPORT

For any questions or further assistance regarding your Plaid Matcher Walking Foot, please contact the manufacturer or seller. This product is supplied by Desk Dave's Featherweight Factory.

Contact information for Desk Dave's Featherweight Factory can typically be found on your purchase receipt or through the retailer's website where the product was acquired.



