

## Ricoh 407327

# Ricoh 407327 SP 3600 Maintenance Kit User Manual

For Ricoh SP 3600DN, SP 3600SF, and SP 3610SF Printers

## 1. INTRODUCTION

This manual provides essential instructions for the proper installation and maintenance of the Ricoh 407327 SP 3600 Maintenance Kit. This kit is designed to ensure optimal performance and extend the lifespan of your Ricoh SP 3600DN, SP 3600SF, and SP 3610SF printers by replacing key wear components.

Regular replacement of these components, as indicated by your printer's maintenance alerts or page count, is crucial for maintaining print quality and preventing potential printer malfunctions.

## 2. PACKAGE CONTENTS

The Ricoh 407327 SP 3600 Maintenance Kit includes the following genuine Ricoh components:

- **Fusing Unit:** Responsible for permanently bonding toner to paper.
- **Transfer Roller:** Transfers toner from the drum unit to the paper.
- **Paper Feed Rollers (2 units):** Help feed paper accurately into the printer.
- **Friction Pads (2 units):** Assist in separating individual sheets of paper.



Figure 2.1: Contents of the Ricoh 407327 SP 3600 Maintenance Kit, including the fusing unit, transfer roller, paper feed rollers, friction pads, and protective gloves, alongside its packaging box.

### 3. SAFETY INFORMATION

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Observe the following safety precautions when handling and installing the maintenance kit:

- **Power Off:** Always turn off the printer and unplug it from the power outlet before beginning any maintenance.
- **Hot Components:** The fusing unit can be extremely hot immediately after printer operation. Allow the printer to cool down for at least 30 minutes before touching internal components.
- **Static Electricity:** Avoid touching electronic components directly. Use anti-static precautions if available.
- **Protective Gear:** Wear the provided gloves (if included) or other protective gloves to prevent toner residue transfer and protect your hands.
- **Handle with Care:** Components like the fusing unit and transfer roller are delicate. Avoid dropping them or applying excessive force.
- **Disposal:** Dispose of used components according to local regulations for electronic waste.

### 4. INSTALLATION (SETUP)

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Follow these steps to replace the components of the maintenance kit. Refer to your printer's specific user manual for detailed instructions on accessing internal components, as procedures may vary slightly between models (SP 3600DN, 3600SF, 3610SF).

#### 4.1. Preparation

1. Turn off the printer and unplug the power cord.
2. Allow the printer to cool down for at least 30 minutes.
3. Open the front cover or access panel of the printer as instructed in your printer's manual.
4. Remove the toner cartridge and drum unit assembly. Place them on a clean, flat surface protected by paper.

#### 4.2. Fusing Unit Replacement



Figure 4.1: The complete Ricoh 407327 SP 3600 Maintenance Kit, showing the fusing unit (large black component), transfer roller (long black rod), and smaller paper feed rollers and friction pads.

1. Locate the fusing unit within the printer. It is typically a large, black component with warning labels indicating high temperature.
2. Release any locking levers or screws securing the fusing unit. Refer to your printer's manual for exact locations.
3. Carefully pull the old fusing unit straight out of the printer. Be cautious as it may still be warm.
4. Unpack the new fusing unit from the maintenance kit.
5. Align the new fusing unit with the guides inside the printer and push it firmly until it clicks into place. Ensure all locking levers are secured.

### 4.3. Transfer Roller Replacement



Figure 4.2: A close-up view of the transfer roller, a cylindrical component with a black foam-like surface and white gears on the ends, designed to transfer toner.

1. Locate the transfer roller, usually positioned beneath the drum unit.
2. Gently unclip or release the old transfer roller from its mounts.

3. Remove the old transfer roller.
4. Unpack the new transfer roller. Avoid touching the black roller surface with bare hands.
5. Install the new transfer roller by aligning its ends with the mounting slots and gently pushing until it clicks into place.

## 4.4. Paper Feed Rollers and Friction Pads Replacement

These components are typically located in the paper tray assembly or near the paper input path.

1. Remove the paper tray(s) from the printer.
2. Locate the paper feed rollers and friction pads within the tray area or printer chassis.
3. Carefully remove the old rollers and pads. They may be clipped in or slide off a shaft.
4. Install the new paper feed rollers and friction pads, ensuring they are correctly oriented and securely fastened.
5. Reinsert the paper tray(s).

## 4.5. Final Steps

1. Reinstall the drum unit and toner cartridge assembly.
2. Close all printer covers and access panels.
3. Plug the power cord back into the outlet and turn on the printer.

## 5. OPERATION AND COUNTER RESET

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After installing the maintenance kit, it is often necessary to reset the printer's maintenance counter to clear any service messages and ensure accurate tracking of component lifespan.

1. Turn on the printer.
2. Access the printer's control panel menu.
3. Navigate to the "Maintenance," "Service," or "System Settings" menu.
4. Look for an option related to "Reset Maintenance Kit," "Reset Fuser Count," or similar.
5. Follow the on-screen prompts to confirm the reset.
6. The printer should now recognize the new maintenance kit and clear any related error messages.

*Note: Specific menu navigation may vary by printer model. Consult your printer's user manual for precise instructions on resetting the maintenance counter.*

## 6. MAINTENANCE GUIDELINES

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The Ricoh 407327 SP 3600 Maintenance Kit has an approximate yield of **120,000 pages**. This yield is an estimate and can vary based on print content, paper type, and environmental conditions.

- **Monitor Page Count:** Regularly check your printer's page count and maintenance alerts.
- **Print Quality:** If you notice a decline in print quality (e.g., streaks, smudges, faded prints) before reaching the estimated page yield, it may indicate that components are wearing out and require earlier replacement.
- **Environmental Factors:** Operate your printer in a clean, dust-free environment to maximize the lifespan of all components.

## 7. TROUBLESHOOTING

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If you encounter issues after installing the maintenance kit, consider the following:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
"Maintenance Kit Error" or similar message persists.	Maintenance counter not reset.	Refer to Section 5 to reset the maintenance counter.
Poor print quality (streaks, smudges, ghosting).	Components not installed correctly; damaged new component; dirty components.	Recheck installation of all components. Ensure no protective films were left on. Clean any accessible rollers with a lint-free cloth.
Paper jams.	Paper feed rollers or friction pads incorrectly installed or damaged.	Verify correct installation of paper feed rollers and friction pads. Ensure paper tray is properly seated.
Printer does not power on or respond.	Power cord not fully plugged in; internal connection loose.	Check power connections. Ensure all internal components are securely seated.

If issues persist after attempting these solutions, contact Ricoh customer support or a qualified service technician.

## 8. SPECIFICATIONS

- **Product Name:** Ricoh 407327 SP 3600 Maintenance Kit
- **Model Number:** 407327
- **Compatible Printers:** Ricoh SP 3600DN, Ricoh SP 3600SF, Ricoh SP 3610SF
- **Approximate Yield:** 120,000 pages
- **Components Included:** Fusing unit, Transfer roller, 2 Paper feed rollers, 2 Friction pads
- **Product Dimensions:** 19.45 x 11.97 x 7.72 inches (Packaging)
- **Item Weight:** 5.7 pounds (Packaging)
- **Manufacturer:** Ricoh Innovations Corporation

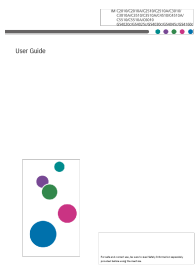

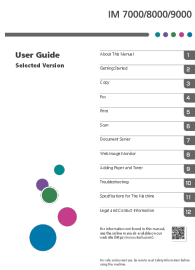



## 9. WARRANTY AND SUPPORT

This genuine Ricoh maintenance kit is covered by Ricoh's standard warranty policy. For specific warranty terms and conditions, please refer to the documentation included with your original printer purchase or visit the official Ricoh website.

For technical assistance, troubleshooting beyond this manual, or to inquire about warranty claims, please contact Ricoh customer support:

- **Ricoh Official Website:** [www.ricoh.com](http://www.ricoh.com)
- **Customer Support:** Refer to the "Support" or "Contact Us" section on the official website for regional contact information (phone numbers, email, chat).



	<p><a href="#">Ricoh IM C Series User Guide: Operation and Specifications</a></p> <p>Comprehensive user guide for Ricoh IM C2010, C2510, C3010, C3510, C4510, C5510, and C6010 series multifunction printers, covering operation, maintenance, troubleshooting, and specifications.</p>
	<p><a href="#">RICOH IM 370/370F/460F User Guide: Operation, Features, and Troubleshooting</a></p> <p>Official user guide for RICOH IM 370, 370F, and 460F multifunction printers. Covers setup, copying, scanning, faxing, maintenance, and error resolution for enhanced office productivity.</p>
	<p><a href="#">Ricoh IM 7000/8000/9000 Series User Guide</a></p> <p>Comprehensive user guide for the Ricoh IM 7000, IM 8000, and IM 9000 series multifunction printers. Learn about setup, copying, faxing, printing, scanning, maintenance, and troubleshooting for these advanced office devices.</p>
	<p><a href="#">Ricoh IM 7000/8000/9000: High-Speed B&amp;W Multifunction Printers for Modern Workplaces</a></p> <p>Explore the Ricoh IM 7000, IM 8000, and IM 9000 series, advanced black and white multifunction office printers designed for speed, scalability, security, and sustainability. Enhance your business workflows with intelligent features and seamless integration.</p>
	<p><a href="#">Ricoh M118/M119 Parts Catalog: Comprehensive Component Guide</a></p> <p>This document is a detailed parts catalog for the Ricoh M118 and M119 series multifunction printers, also covering Lanier and Savin branded models like Aficio SP 3500SF and SP 3510SF. It provides an exhaustive list of components, assemblies, and part numbers essential for maintenance and repair.</p>
	<p><a href="#">RICOH M C320FW Setup Guide: Installation, Network, and Driver Setup</a></p> <p>Comprehensive setup guide for the RICOH M C320FW printer, covering initial machine setup, network configuration (Wi-Fi, Ethernet, USB), driver installation for Windows and macOS, and fax/scan settings.</p>