Axiom Q1860-67908-AX

Axiom Maintenance Kit for HP LaserJet 5100 User Manual

Model: Q1860-67908-AX

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, maintenance, and troubleshooting of the Axiom Maintenance Kit, model Q1860-67908, designed specifically for the HP LaserJet 5100 series printers. This kit is essential for maintaining optimal printer performance and extending the lifespan of your device by replacing worn components.

Please read this manual thoroughly before beginning the installation process to ensure proper handling and successful integration of the maintenance kit.

Figure 1: Representative image of various computer components. The actual maintenance kit components may vary in appearance.

2. PRODUCT CONTENTS

The Axiom Maintenance Kit Q1860-67908 typically includes the following components necessary for routine printer maintenance. Please verify all items are present and undamaged upon opening the package.

- Fuser Assembly
- Transfer Roller
- Pickup Rollers (for various trays)
- Separation Pads
- Gloves (for handling components)
- Installation Instructions (this manual)

Note: Specific contents may vary slightly based on manufacturing updates. Refer to the packaging for the most accurate list.

3. INSTALLATION INSTRUCTIONS (SETUP)

Before beginning, ensure the printer is turned off and unplugged from the power source. Allow the fuser to cool down completely, as it can be very hot. It is recommended to wear the provided gloves to prevent oil transfer to new components.

1. **Power Off and Unplug:** Turn off the HP LaserJet 5100 printer and disconnect the power cord from the wall outlet.

2. **Access the Fuser:** Open the rear output bin or access panel of the printer. Locate the fuser assembly.

3. **Remove Old Fuser:** Release the fuser retaining clips or screws (if applicable) and carefully pull out the old fuser assembly. Be cautious as it may still be warm.

4. **Install New Fuser:** Gently slide the new fuser assembly into place until it clicks securely. Ensure all connections are firm.

5. **Replace Transfer Roller:** Open the front access door. Locate the transfer roller beneath the toner cartridge area. Release its clips and remove the old roller. Install the new transfer roller, ensuring it seats correctly.

6. **Replace Pickup Rollers and Separation Pads:**
   - For Tray 1 (Multi-purpose tray): Locate and replace the pickup roller and separation pad.
   - For Tray 2 (Main tray): Locate and replace the pickup roller and separation pad.
   - For optional Tray 3: Locate and replace the pickup roller and separation pad.

   Refer to your HP LaserJet 5100 printer's service manual for exact locations and removal procedures for rollers and pads.

7. **Close Panels:** Close all access panels and doors securely.

8. **Reconnect Power:** Plug the power cord back into the wall outlet and turn on the printer.

Always refer to the official HP LaserJet 5100 service manual for detailed diagrams and specific instructions for component removal and installation, as procedures may vary slightly.

4. VERIFYING OPERATION (OPERATING)

After installing the maintenance kit, perform the following steps to ensure proper functionality and reset the maintenance counter.

1. **Print Test Page:** Print a test page or configuration page from the printer's control panel. Check for any print quality issues, such as streaks, smudges, or faded areas.

2. **Check Paper Feeding:** Load paper into all trays and attempt to print from each tray to ensure proper paper pickup and feeding without jams.

3. **Reset Maintenance Counter:** The HP LaserJet 5100 has an internal maintenance counter. After installing a new maintenance kit, it is crucial to reset this counter.
   - Navigate to the printer's configuration menu.
   - Look for an option related to "Service," "Maintenance," or "Reset Maintenance Count."
   - Follow the on-screen prompts to reset the counter. This typically involves holding down a button

combination during power-on or selecting an option from the menu. Consult your HP LaserJet 5100 user guide for precise instructions on resetting the maintenance counter.

A successful installation should result in improved print quality and reliable paper handling.

5. Routine Maintenance

While the maintenance kit itself is designed for long-term performance, regular cleaning and inspection of your printer can further extend its life and ensure consistent print quality.

- **Exterior Cleaning:** Periodically wipe the exterior of the printer with a soft, damp, lint-free cloth.
- **Interior Dust Removal:** With the printer off and unplugged, use a can of compressed air to gently remove dust and toner residue from accessible interior areas. Avoid spraying directly into sensitive electronic components.
- **Paper Path Inspection:** Regularly check the paper path for any small pieces of paper, dust, or debris that could cause jams.
- **Component Inspection:** During toner cartridge replacement, briefly inspect the fuser, transfer roller, and pickup rollers for any visible wear or damage.

Adhering to a routine maintenance schedule will help prevent premature wear of components and maintain print quality.

6. Troubleshooting

If you encounter issues after installing the Axiom Maintenance Kit, refer to the following common problems and their potential solutions.

Problem	Possible Cause	Solution
Paper Jams after installation	Improperly installed pickup rollers or separation pads; debris in paper path.	Re-check installation of rollers and pads. Ensure they are seated correctly. Clear any visible debris from the paper path.
Poor Print Quality (streaks, smudges)	Fuser or transfer roller not seated correctly; damaged new component; toner issue.	Verify fuser and transfer roller installation. If issues persist, inspect new components for defects. Try a new toner cartridge if print quality was poor before kit installation.
Maintenance Kit Message Persists	Maintenance counter not reset.	Follow the instructions in Section 4 to properly reset the printer's maintenance counter.
Printer Not Powering On	Loose power connection; internal component not seated correctly.	Ensure power cord is firmly connected. Double-check all internal connections made during installation. If problem persists, consult a qualified technician.

For more complex issues, refer to the HP LaserJet 5100 printer's official troubleshooting guide or contact technical support.
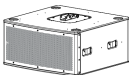
7. Specifications
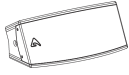
Attribute	Detail
Product Name	Axiom Maintenance Kit
Model Number	Q1860-67908-AX
Compatible Printer	HP LaserJet 5100 Series
Manufacturer	AXIOM MEMORY SOLUTIONLC
Product Dimensions	10 x 22 x 9 inches
Item Weight	11.79 pounds
ASIN	B001IQPCL2
Date First Available	January 27, 2007

8. SUPPORT INFORMATION

For technical assistance, warranty inquiries, or to purchase additional components, please contact Axiom customer support or visit their official website.

- **Manufacturer:** AXIOM MEMORY SOLUTIONLC
- **General Support:** Refer to the contact information provided on the product packaging or the manufacturer's official website.
- **Online Resources:** Search for "Axiom Memory SolutionLC" online for product information and support.

Extended protection plans may be available through your retailer. Please consult your purchase documentation for details.

Related Documents - Q1860-67908-AX

[Axiom MF Series Solution Feeders: Installation, Operation & Maintenance Manual](#)
Comprehensive guide for the installation, operation, and maintenance of Axiom MF Series Solution Feeders, including troubleshooting and pressure setting adjustments.

[Axiom DMF Series Solution Feeder Installation, Operation, and Maintenance Manual](#)
Comprehensive guide for the Axiom DMF Series Solution Feeder, covering installation, operation, maintenance, troubleshooting, and technical specifications. Includes procedures for setup, startup, pressure controller adjustments, wiring diagrams, and error code resolution.

[Axiom SW212A Active Subwoofer User Manual](#)
Comprehensive user manual for the Axiom SW212A Active Subwoofer, detailing technical specifications, operation, installation, safety guidelines, and network connectivity with PRONET AX software.

[Axiom ED23PMKII Passive Near-Field Point Source Loudspeaker User Manual](#)
User manual for the Axiom ED23PMKII, an ultra-compact, lightweight, two-way passive point source loudspeaker designed for professional near-field audio reinforcement applications. Includes technical specifications, safety instructions, warranty, and mounting options.

[Axiom PAE-2 Power Amp Emulator User Manual v1.1](#)
User manual for the Axiom PAE-2 Power Amp Emulator, detailing its 100% analog circuitry, controls, and specifications for recreating authentic tube amplifier tones.

[Axiom SW212A Active Subwoofer User Manual](#)
This user manual provides comprehensive information for the Axiom SW212A Active Subwoofer, including safety instructions, technical specifications, operation details, network setup with PRONET AX, prediction software usage, installation guidelines, and connection examples.