

CB409-60001-RO

# User Manual

## Generic Replacement HP LaserJet Formatter Board

Model: CB409-60001-RO

### 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of the Generic Replacement Formatter Board, model CB409-60001-RO. This board is designed as a refurbished replacement part for HP LaserJet 1018, 1020, and 1022 series printers. Please read this manual carefully before proceeding with any installation or operation to ensure proper functionality and to prevent damage to the product or printer.

### 2. PRODUCT OVERVIEW



Figure 2.1: Top view of the Generic Replacement HP LaserJet Formatter Board (CB409-60001-RO). This image shows the green circuit board with various electronic components, including chips, capacitors, and connectors, such as a USB port and internal ribbon cable connectors. A barcode label is visible on the board.

The formatter board is a critical component within your HP LaserJet printer, responsible for processing print data and managing printer functions. This refurbished replacement board ensures continued performance for compatible models.

#### 2.1. Key Features

- Direct replacement for HP LaserJet 1018, 1020, and 1022 series formatter boards.

- Refurbished by Premium Product Technologies (PPT) to ensure quality and reliability.
- Essential for printer data processing and communication.

## 2.2. What's in the Box

- One (1) Refurbished Formatter Board (CB409-60001-RO)

## 3. SAFETY INFORMATION

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Always observe the following safety precautions when handling or installing electronic components:

- Ensure the printer is **unplugged** from the power source before beginning any installation or maintenance.
- Discharge any static electricity from your body by touching a grounded metal object before handling the board. Consider using an anti-static wrist strap.
- Handle the formatter board by its edges to avoid touching sensitive electronic components.
- Keep the board away from liquids and extreme temperatures.

## 4. SETUP AND INSTALLATION

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Installation of the formatter board requires careful handling and basic technical knowledge. If you are unsure, it is recommended to seek assistance from a qualified technician.

### 4.1. Tools Required

- Phillips head screwdriver
- Anti-static wrist strap (recommended)

### 4.2. Installation Steps

1. **Power Off and Unplug:** Ensure the HP LaserJet printer is completely powered off and disconnected from the wall outlet.
2. **Access the Formatter Board:** Depending on your specific HP LaserJet 1018, 1020, or 1022 model, locate the access panel for the formatter board. This is typically on the rear or side of the printer. Refer to your printer's original service manual for exact panel location and removal instructions.
3. **Remove Old Board:** Carefully disconnect all cables connected to the existing formatter board (e.g., USB, network, power connectors). Note their orientation for reinstallation. Unscrew any retaining screws holding the board in place and gently slide it out.
4. **Install New Board:** Align the replacement formatter board with the slots and screw holes. Gently slide it into place. Ensure all connectors are properly seated. Secure the board with the retaining screws.
5. **Reconnect Cables:** Reconnect all cables that were previously detached, ensuring they are firmly seated in their respective ports.
6. **Close Panel:** Replace the access panel and secure it.
7. **Power On:** Plug the printer back into the power outlet and turn it on.

## 5. OPERATING THE PRINTER (POST-INSTALLATION)

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Once the formatter board is installed, the printer should function as normal. No specific operation of the

formatter board itself is required by the user, as it is an internal component.

- **Driver Installation:** Ensure you have the correct printer drivers installed on your computer. If you experience issues, reinstalling the printer drivers may resolve them.
- **Test Print:** Perform a test print to confirm the printer is communicating correctly with your computer and printing without errors.

## 6. MAINTENANCE

The formatter board itself requires no routine maintenance. However, general printer maintenance can help ensure its longevity and proper function.

- Keep the printer in a clean, dust-free environment.
- Avoid spilling liquids near or on the printer.
- Ensure proper ventilation around the printer to prevent overheating.

## 7. TROUBLESHOOTING

If you encounter issues after installing the formatter board, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
Printer not recognized by computer.	Loose USB cable connection, incorrect drivers, faulty USB port.	Check USB cable connection at both printer and computer ends. Try a different USB port on your computer. Reinstall printer drivers.
Printer powers on but does not print.	Incorrect installation of formatter board, internal cable not connected properly.	Power off and unplug the printer. Re-open the access panel and verify all internal cables are securely connected to the formatter board. Ensure the formatter board is fully seated in its slot.
Error messages on printer display (if applicable).	Specific printer error, potential board issue.	Consult your HP LaserJet printer's original user manual for specific error code meanings. If the issue persists after checking connections, contact support.

## 8. SPECIFICATIONS

Attribute	Detail
Product Type	Refurbished Formatter Board
Model Number	CB409-60001-RO
Compatible Printers	HP LaserJet 1018, 1020, 1022
Manufacturer (Refurbisher)	PPT
ASIN	B0D79XMSDS

Attribute	Detail
First Available Date	October 21, 2019

## 9. WARRANTY AND SUPPORT

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### 9.1. Warranty Information

This refurbished formatter board comes with a standard warranty of **90 days** from the date of purchase. The warranty is provided by the seller, Premium Product Technologies (PPT). The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, accident, neglect, or unauthorized modification.

### 9.2. Customer Support

For technical assistance, warranty claims, or any questions regarding this product, please contact Premium Product Technologies directly. Refer to your purchase documentation for specific contact details.

*Note:* As this is a refurbished part, support is provided by the refurbisher/seller, not the original printer manufacturer (HP).

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