

HP Preventive Maintenance Support Service



For HP Latex 3100 and 3500 Printers and upgraded HP Latex 3500 Printer



Overview

HP Preventive Maintenance service is a comprehensive support solution that helps you maintain your HP printing equipment for maximum productivity and utilization and sustained top print quality.

This document describes the guidelines for performing preventive maintenance for HP Latex 3100 and 3500 Printers and HP Latex 3000 Printers that have been upgraded to HP Latex 3500 Printer functionality. It covers preventive maintenance three printing cycles: 100L, 600L and 1200L.

General equipment testing before starting

The starting point of the onsite preventive maintenance is two tests, performed by the operator (in the case of 100L and 600L printing cycle preventive maintenance) or by the HP certified service engineer (for 1200L printing cycle preventive maintenance).

The first test includes printing of engineer reference test files that allow the operator or HP engineer to analyze the printer nozzle status and capture the overall print head condition.

The second test includes the printing of a customer reference file that allows the operator or HP engineer to detect system issues.

100L printing cycle

Required personnel

One operator

Required time

Two hours

Required tools

Standard

Frequency of procedure

Every two months or 10,000 m² (107,639 ft²) of printing

600L printing cycle

Required personnel

One operator

Required time

Two hours and 30 minutes

Required tools

Standard

Frequency of procedure

Every four months or 60,000 m² (645,835 ft²) of printing

HP Latex 3100/3500/Upgrade to HP Latex 3500 100L Preventive Maintenance

Procedure guidelines and activities

This preventive maintenance depends on the number of carriage cycles, so the suggested frequency takes into consideration an average estimation of 80,000 carriage cycles. Depending on your actual usage and applications, the number of carriage cycles may vary.

The 100L preventive maintenance procedure involves the following steps:

- **Step 1** - Clean the ink deposits
- **Step 2** - Clean the carriage rails and replace the oiler foams
- **Step 3** - Check and empty the oil collector caps side trays
- **Step 4** - Clean the e-cabinet fan filters
- **Step 5** - Clean the e-box fan filters

Kit description and contents

HP Latex 3000 Printer Cleaning Kit (CZ056-67390)

| Part Number | Content | Qty |
|--------------------|------------------------------|-----|
| CZ056-60456 | Oil Wick Assy | 12 |
| CZ056-60540 | Subassy HP 3000 Cleaning Kit | 01 |
| CZ056-67411 | Service Wick Assy | 12 |
| Q6702-60654 | Oiling Assy | 12 |
| Q6703-60517 | Grease Syringe 3cc | 01 |

HP Latex 3100/3500/Upgrade to HP Latex 3500 600L Preventive Maintenance

Procedure guidelines and activities

This preventive maintenance depends on the number of carriage cycles, so the suggested frequency takes into consideration an average estimation of 480,000 carriage cycles. Depending on your actual usage and applications, the number of carriage cycles may vary.

The 600L preventive maintenance procedure involves the following step:

- **Step 1** - Replace printhead cleaning blades

Kit description and contents

HP Latex 3100/3500 Printer Maintenance Kit (K4G10-67078) / M7J49A

| Part Number | Content | Qty |
|--------------------|---------------------------------|-----|
| CZ056-60457 | AM Cabinet _ Ebox Filters AssyV | 02 |
| CZ056-67046 | Web Wipe Blade Assy SERV | 02 |
| CZ056-67390 | HP Latex 3000 Cleaning Kit | 01 |
| Q6702-60546 | Machine Grease&Oil Kit SERV | 01 |



HP Latex 3100/3500/Upgrade to HP Latex 3500 1200L Preventive Maintenance

Procedure guidelines and activities

This preventive maintenance depends on the number of carriage cycles, so the suggested frequency takes into consideration an average estimation of 960,000 carriage cycles. Depending on your actual usage and applications, the number of carriage cycles may vary.

The 1200L preventive maintenance procedure involves the following steps:

- **Step 1** - Clean the perforated plate
- **Step 2** - Clean the drying module quartz glass and air outlet
- **Step 3** - Grease the carriage beam screws
- **Step 4** - Clean the rear scan-axis beam
- **Step 5** - Replace the e-cabinet fan filters
- **Step 6** - Grease the printhead primers
- **Step 7** - Clean and grease service station transmission and rods
- **Step 8** - Clean and grease media drive transmission gears and rods
- **Step 9** - Replace the e-box fan filters

1200L printing cycle

Required personnel

One HP certified service engineer or one operator

Required time

Eight hours

Required tools

Standard

Frequency of procedure

Every 1.5-2 years or 960,000 carriage cycles

Kit description and contents

HP Latex 3100/3500 Printer Maintenance Kit (K4G10-67078) / M7J49A

| Part Number | Content | Qty |
|--------------------|--------------------------------|-----|
| CZ056-60457 | AM Cabinet _ Ebox Filters Assy | 02 |
| CZ056-67046 | Web Wipe Blade Assy SERV | 02 |
| CZ056-67390 | HP Latex 3000 Cleaning Kit | 01 |
| Q6702-60546 | Machine Grease&Oil Kit SERV | 01 |



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