HID® FARGO® HDP®6600

Recommended Maintenance

PLT-06394, A.0
February 2022

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Contacts

For technical support, please visit: **https://support.hidglobal.com**.

What's new

Date	Description	Revision
February 2022	Initial release.	A.0

A complete list of revisions is available in **Revision history**.

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Section 01

Introduction

1.1 Daily maintenance

Perform these steps daily:

- Remove and discard any rejected cards.
- Clean the card transport path as needed. Once every 1,000 cards at a minimum depending on environment, card quality, and usage rate as noted in **Inspection and preventive maintenance**.

  > **Note:** For maximum output in high throughput situations, daily card path cleaning is recommended.

- Wipe exterior of printer with dry microfiber cloth to remove dust and debris from surfaces, including card input hopper covers.

1.2 Inspection and preventive maintenance

It's recommended to perform inspection and preventative maintenance regularly depending on environment and usage. The following tasks are for ideal conditions, with a clean and dry air office environment.

- Each print ribbon includes a new cleaning roller. When you replace the print ribbon, replace the supplied cleaning roller.
- Clean the printer after every 1,000 cards printed or one month, whichever comes first.

  This involves cleaning parts, such as the card path, card path rollers and print head using the cleaning kits available for sale. Please ensure to use both the adhesive card and IPA card when cleaning the card path and rollers.
- Inspect and service the printer after every 20,000 cards or annually, whichever comes first.

  This involves inspection and replacement of rollers, belts, drive gears, and contact station encoder gears, if used. These items endure wear with normal usage and should be monitored to minimize downtime in high throughput situations.

1.3 Spare parts

To help minimize down-time in high-volume printing environments, it is recommended to maintain one spare parts kit for every 10 printers in use. Spare part kits are available for your HDP®6600 printer. Please contact your HID Global sales representative for more details.

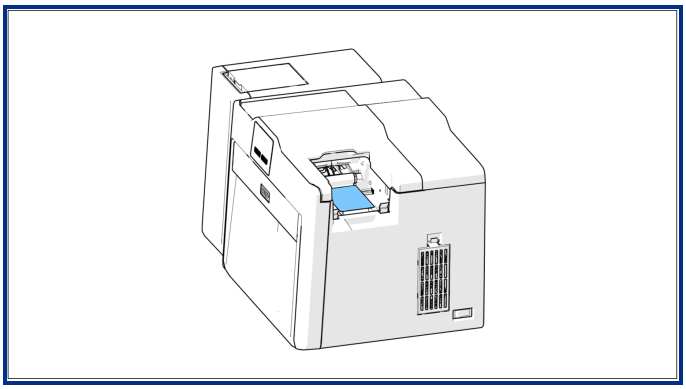
Section 02

Cleaning routines

2.1 Adhesive cleaning card routine

Video link: **https://player.vimeo.com/video/679257775**

The following diagram shows the location where the cleaning card is inserted into the printer.

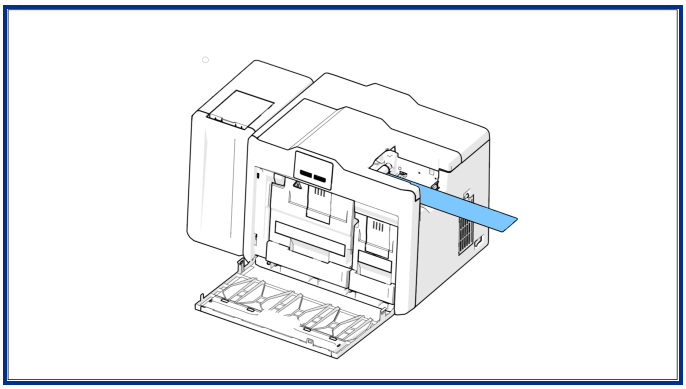


1. Open the front door and remove the film material from the printer.
2. Slide the film drawer in and close the front door.
3. Prepare the cleaning card by removing the adhesive backing paper.
4. Navigate through the onscreen menu to the Toolbox and select **Clean Printer**.
5. Manually feed the cleaning card into the feed rollers and into the printer.
   The printer cleans itself and ejects the card into the output hopper.
6. Place the input hopper back in place.
7. Open the front door and re-install the film material.
8. Close the door.

2.2 IPA cleaning card routine

Video link: **https://player.vimeo.com/video/679261839**

The following diagram shows the location where the IPA cleaning card is inserted into the printer.

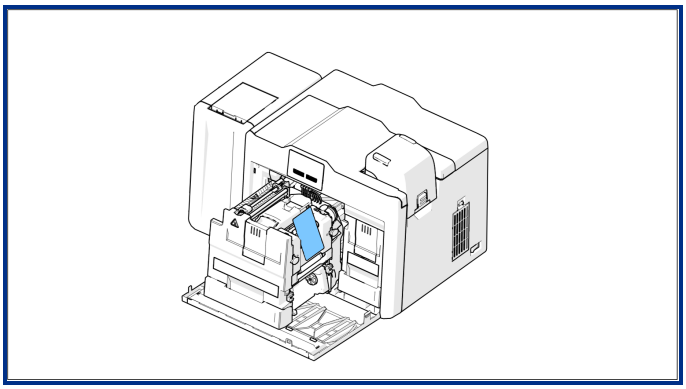


1. Open the printer front door and remove the input hopper.
2. Remove the long IPA card from its packaging.
3. Feed the card into the feed rollers using the onscreen forward and backward buttons.
    a. Make sure to keep a hold of the end of the card.
    b. When the card is all the way into the printer, continue pressing the forward button to allow the rollers to rotate over the now stationary cleaning card.
    c. Repeat this a few times to ensure the rollers are clean.
4. Close the printer front door.
5. Place the input hopper back in place.

2.3 Film drive roller cleaning routine

Video link: **https://player.vimeo.com/video/679261839**

The following diagram shows the location of the film drive roller.

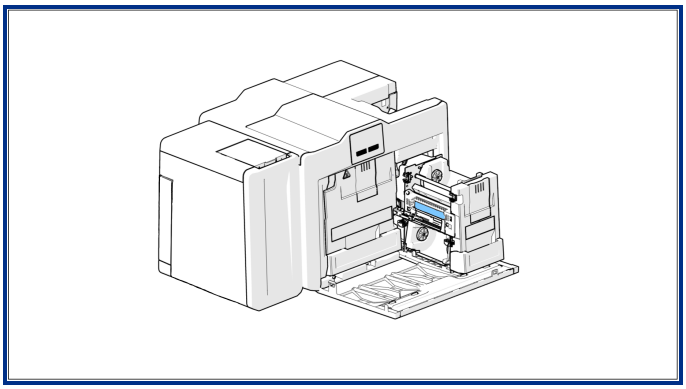


1. Open the printer front door and slide out the film drawer.
2. Remove the film material.
3. Slide in the film drawer and close the front door.
4. Using the onscreen options, navigate to the Toolbox and select **Cln Flm Roller**.
5. Prepare an adhesive cleaning card by removing the paper backing.
6. Press the **Start Cleaning** button to start the film drive roller movement.
7. Hold the adhesive cleaning card with the adhesive backing paper removed up to the drive roller to clean it. Repeat this a few times with different sections of the cleaning card until there is no debris left on the roller.
8. Discard the cleaning card as it is a one-time use item.
9. Re-install the film material.
10. Slide in the film drawer and close the front door.

2.4 Print head cleaning routine

Video link: **https://player.vimeo.com/video/679257775**

The following diagram shows the location of the print head.



1. Open the printer front door.
2. Slide the ribbon drawer out and remove the ribbon material.
3. Turn the power off by switching the power switch to off position (O).
4. Remove the print head cleaning swab from the packaging.
5. Rub the swab back and forth on the print head terminals.
   Repeat this a few times, while flipping the swab over to the other side as well.
6. Reload the ribbon material.
7. Slide in the ribbon drawer and close the front door.
8. Switch on the printer.

Revision history

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