



Scitex FB550 and FB750 Printers

User Cleaning Instructions

Edition 1

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User cleaning

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Schedule of tasks

The parts and supplies required for these procedures may be purchased as a kit (HP product number L1Q41-60034). Consistent and proper use of this kit will contribute to optimal printer performance, extend lamp and printhead life, reduce the number of service calls, increase image quality and reduce the potential for output artifacts.

Follow the cleaning schedule or clean as needed (depending on frequency of use and amount of dust and airflow around the printer). The printer displays maintenance reminders on the control panel according to this schedule or actual in-service time, as appropriate. A summary of all service intervals is viewable at **System> Tools> User Cleaning and Maintenance**.

To perform these procedures, follow the instructions in this chapter or on the control panel under **System> Tools> User Cleaning and Maintenance**.

Table 1 Schedule of cleaning tasks

Task	Frequency (hours)		Required tools
	CMYKcm	CMYKW	
Clean and lubricate rail strips on page 4	40	20	Oiled cloth kit 1-2 lint-free cleaning cloths Cleaning fluid
Clean the carriage encoder strip on page 6	40	20	One lint-free cleaning cloth Cleaning fluid
Clean the printheads on page 7	40	20	Three lint-free cleaning cloths One pair of gloves Cleaning fluid
Clean the carriage home sensor on page 9		80	Long stick swab Cleaning fluid
Clean the service station wiper rails on page 11	80	40	One grease pack One pair of gloves One cotton swab Cleaning fluid
Clean service station wiper on page 13	80	40	One lint-free cleaning cloth One pair of gloves Cleaning fluid
Clean carriage wheels on page 13		40	Two long-stick swabs Cleaning fluid
Vacuum bottom of carriage on page 16		80	N/A
Replace the UV lamp filters on page 17		250	Lamp filter kit
Clean the electronics box filters on page 18		250	Vacuum cleaner

Table 1 Schedule of cleaning tasks (continued)

Task	Frequency (hours)		Required tools
	CMYKcm	CMYKW	
Replace the service station wiper on page 19	250		Wiper blade
Clean ionizer needles on page 20	250		Ionizer cleaning brush
Drain waste ink container on page 21	40	20	Waste ink container
Clean media thickness sensor on page 22	250		One lint-free cleaning cloth Cleaning fluid
Clean cover exhaust fans on page 23	250		Vacuum cleaner
Replace UV lamp bulb on page 24	500 — 1000		2 of HP UV Replacement Bulb Kit.

Substitute cleaning procedures for air quality regulatory compliance

The various Air Quality Management Districts in California may have rules that restrict the use of cleaning solvents containing Volatile Organic Compounds (VOCs). This document provides alternative cleaning procedures for printers located in the areas of California where the use of solvents containing VOCs is restricted. These revised procedures supersede any previous instructions, guidelines, or recommendations issued by HP regarding the cleaning or maintenance of the relevant printers in California. Maintenance procedures that do not involve the use of VOCs for cleaning are not affected.

Printers located in California should not be cleaned using SolaChrome-UV Printhead Flush, HP UV Printhead Flush (HP product number CH122A) or isopropyl alcohol (IPA) unless other VOC compliance measures are in place. This includes the use of any product samples which came with the printer when it was purchased. Dispose of any remaining Printhead Flush in accordance with applicable regulations.

The compliant alternative liquid for cleaning and maintaining this printer is: Methyl Acetate (CAS# 79-20-9), at least 98% pure, undiluted.

Follow these safety guidelines when handling parts and cleaning chemicals:

- When handling parts and cleaning liquids use appropriate personal protective equipment (PPE) as prescribed in the Material Safety Data Sheet (MSDS). This includes the use of safety goggles, chemical protective gloves, and other protective personal clothing. Additional useful information may also be provided on websites operated by the Occupational Safety and Health Administration (OSHA) and the National Institute for Occupational Safety and Health.
- Only those components originally designated for cleaning with Printhead Flush or IPA should be cleaned with the alternative cleaning liquid.
- Methyl Acetate is a flammable liquid; read and adhere to the instructions in the MSDS document for safe handling and storage. State and local agencies or fire departments may impose additional requirements.
- Follow all health, safety and environmental protection regulations when using any solvents to clean or maintain the printer. An agency that administers health and safety regulations within the State of California is the Department of Industrial Regulations, Division of Occupational Safety and Health (Cal-OSHA).

- Minimize the quantity of cleaning liquid used during maintenance to avoid spills, contamination, or harm to printer parts. Carefully moisten cleaning cloths or swabs with the cleaning liquid, and ensure that none of it drips onto the printer. Any excess or residual liquid should be removed by cleaning the area with a dry cloth. Failure to clean off any residual cleaning liquid could cause damage to the printer, or could adversely affect the printer's level of image quality.
- Disposal of waste must be in accordance with applicable regulations.

Clean and lubricate rail strips

CMYKcm — 40 Hours

CMYKW — 20 Hours

Ink dust and debris can accumulate on the carriage-wheel strips. These particles become obstacles and friction for the carriage wheels, which can appear as repeating output anomalies on the printed media.



NOTE: Users of printers in California must disregard all references to the Printhead Flush or IPA in the instructions or when displayed on the control panel. Instead, the alternative cleaning liquid specified at the beginning of this section must be used.

1. Select from the control panel **System > Tools > User Cleaning and Maintenance > 1) Clean and Lube Carriage Rail Strips**.
2. Press **Proceed** to continue.
3. Remove output table and open the output-side door.

Opening the output-side door will disable the carriage servo, allowing the carriage to be moved manually.

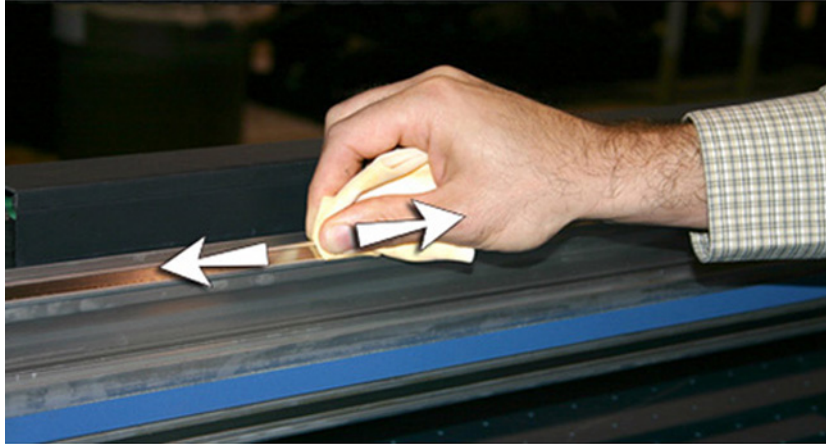
4. Using a lint-free cloth and isopropyl alcohol, clean the top carriage-wheel strip from end to end on the rail (moving the carriage to clean the full length of the rail).

5. Lubricate the top carriage-wheel strip from end to end on the rail (moving the carriage to clean the full length of the rail).

The included oiled rags can be reused until there is no clear surface remaining on the rag (rags should be replaced every 3 months). Clean these surfaces weekly or more frequently, depending on the amount of debris in the environment.

⚠ CAUTION: Do not add additional oil to the lubrication cloths. The cloths are created to distribute a very thin film of oil. If too much oil is deposited, oil pockets can cause friction with the carriage wheels, which will produce output anomalies.

Figure 1 Top carriage-wheel strip



6. Lubricate behind the top area of the rail where the carriage wheels contact.

Figure 2 Back of top carriage-wheel strip



7. Using a lint-free cloth and isopropyl alcohol, clean the lower carriage-wheel strip from end to end on the rail (moving the carriage by hand to clean the full length of the rail).

- Lubricate the lower carriage-wheel strip from end to end on the rail (moving the carriage by hand to lubricate the full length of the rail).


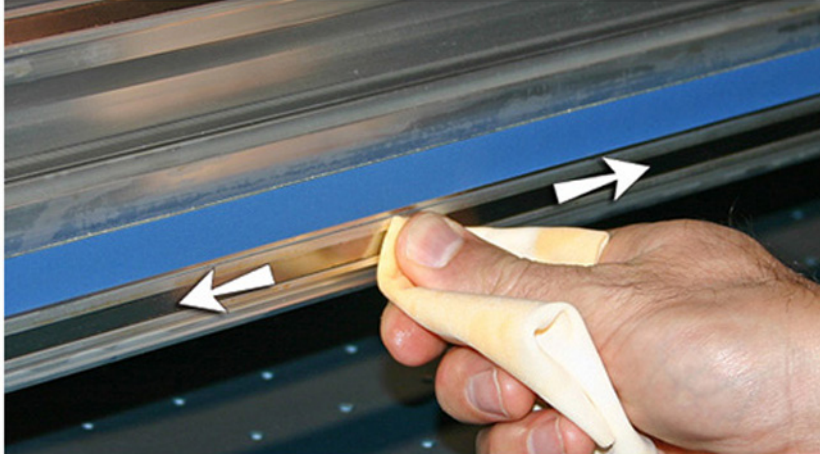
 **NOTE:** Even if the oiled cloth appears clean, it should be discarded every 3 months so that the oil does not become sticky.

Figure 3 Lower carriage-wheel strip




- To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Clean the carriage encoder strip

CMYKcm — 40 Hours

CMYKW — 20 Hours

Ink dust and debris can accumulate on the encoder strip and block accurate reading of the encoder marks by the carriage encoder reader.

 **NOTE:** Users of printers in California must disregard all references to the Printhead Flush or IPA in the instructions or when displayed on the control panel. Instead, the alternative cleaning liquid specified at the beginning of this section must be used.

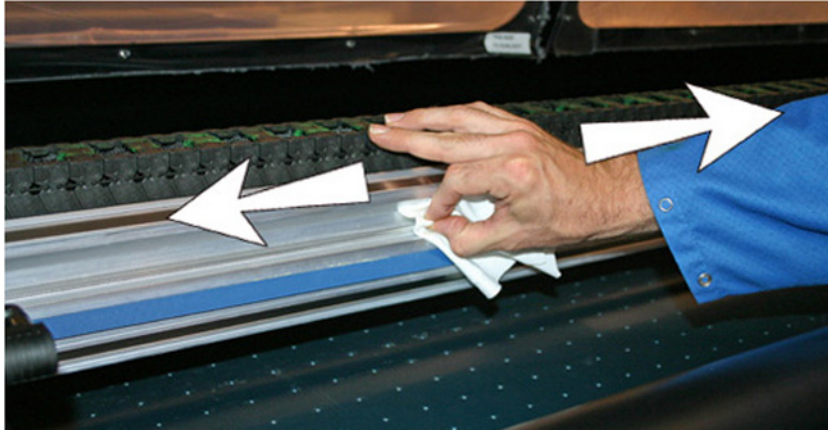
- Select from the control panel **System > Tools > User Cleaning and Maintenance > 2) Clean Carriage Encoder Strip > In**.
- Press **Proceed** to continue.
- Remove output table and open the output-side door.


Opening the output-side door will disable the carriage servo, allowing the carriage to be moved manually.

4. Wipe the top of the encoder strip using a lint-free cloth moistened with diluted IPA (Isopropyl alcohol), cleaning the entire length of the strip.

Use common rubbing alcohol, which is 70% isopropyl alcohol and 30% water.

Figure 4 Cleaning the encoder strip




 **NOTE:** Wipe only the top of the encoder strip. Encoder information on the underside can be worn off by cleaning.

5. Move the carriage by hand to clean the encoder strip section behind the carriage. This enables you to clean the entire encoder strip from end to end.
6. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Clean the printheads

CMYKcm — 40 Hours

CMYKW — 20 Hours

 **NOTE:** Users of printers in California must disregard all references to the Printhead Flush or IPA in the instructions or when displayed on the control panel. Instead, the alternative cleaning liquid specified at the beginning of this section must be used.

1. Select from the control panel **System > Tools > User Cleaning and Maintenance > 3) Clean Print Heads**.
2. Process **Proceed** to continue.

3. Open the service door to access the carriage over the service station.

⚠ CAUTION: Wear protective gloves, such as latex, to protect your hands from being stained with ink.

CAUTION: Wear safety glasses to protect your eyes from ink and head flush that may splash into your eyes.

Figure 5 Reaching the printheads through the access door



4. Saturate a lint-free cloth with printhead flush solution.

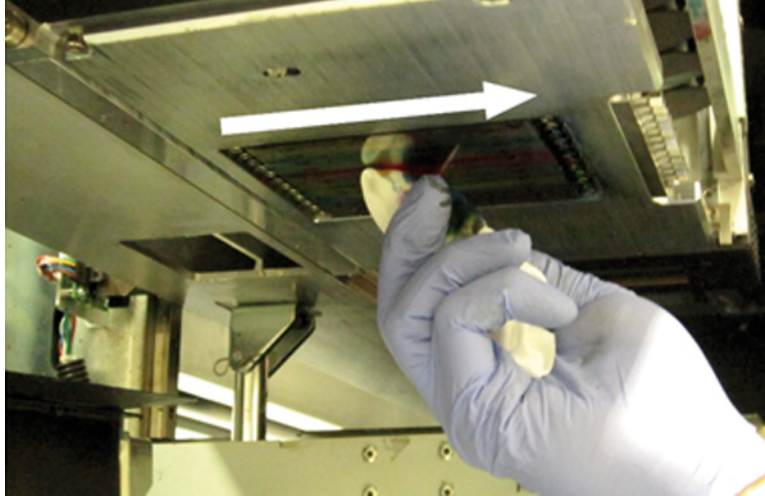


5. For each color, press a clean portion of the cloth with two fingers, on one printhead, and draw the cloth across the printheads toward you (see the following figure).



NOTE: To avoid pushing debris into the printhead orifice, make sure each wipe is done with a clean area of the cloth. The cloth should be saturated with head flush.

Figure 6 Wiping printheads



6. Clean the bottom of the pen plate (see the previous picture) using a lint-free cloth saturated with head flush.
7. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.
8. Select **Ink> Purge** from the control panel.
9. Select **Ink> Check Jet Health** from the control panel upon purge completion.
10. Examine the jet health pattern for missing jets. If a printhead has missing jet, repeat steps 1 through 9.

Clean the carriage home sensor

CMYK — 80 Hours

CMYKW — 40 Hours

The home sensor is located on the user-end of the carriage between the lamp assembly and the carriage side plate (on the input-side of the carriage). Ink dust and debris can accumulate in the thin slits of the optical sensor and cause errors.



NOTE: Users of printers in California must disregard all references to the Printhead Flush or IPA in the instructions or when displayed on the control panel. Instead, the alternative cleaning liquid specified at the beginning of this section must be used.

1. Select from the control panel **System> Tools> User Cleaning and Maintenance> 4) Clean Carriage Home Sensor**.
2. Press **Proceed** to continue.

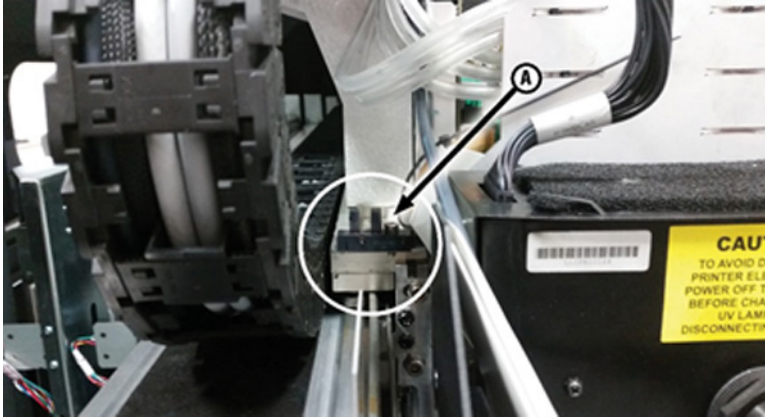
The printer raises the printhead carriage rail, lowers the output roller and centers the carriage.

3. Remove output table and open the output-side door.

Opening the output-side door will disable the carriage servo, allowing the carriage to be moved manually.

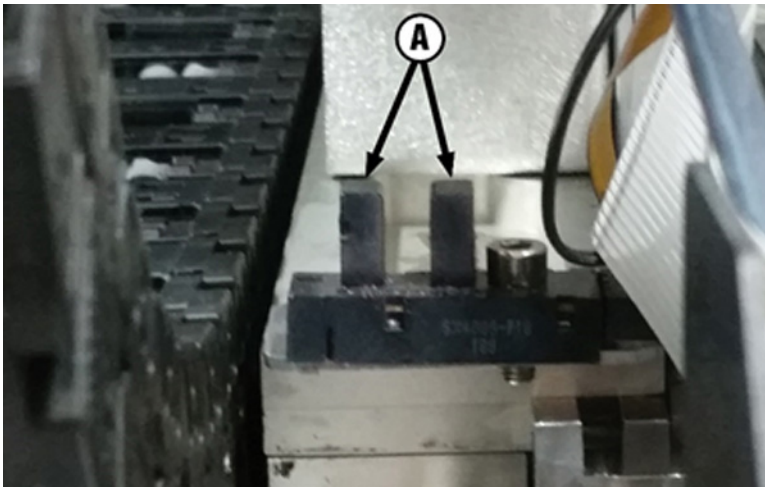
4. Locate the home sensor (A in photo below).

Figure 7 Carriage home sensor location



5. Locate the upper and lower slots of the optical sensor.

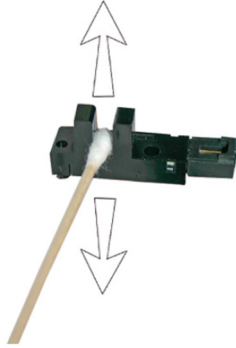
Figure 8 Detail view of carriage home sensor



- Using a long cotton swab that is saturated with isopropyl alcohol, clean the front and back slit by inserting the swab into the opening from the user side of the printer.

CAUTION: Insert the swab from the input side to keep from pushing debris into the slits. Insert the swab moving from the input-side toward the output-side direction. Do not wipe across the slits, as this will force debris down into the openings.

Figure 9 Cleaning the home sensor



- To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Clean the service station wiper rails

CMYKcm — 80 Hours

CMYKW — 40 Hours

Cleaning and lubricating the wiper rails keeps the wiper motion moving smoothly for best cleaning performance.

NOTE: Users of printers in California must disregard all references to the Printhead Flush or IPA in the instructions or when displayed on the control panel. Instead, the alternative cleaning liquid specified at the beginning of this section must be used.

- Select from the control panel **System > Tools > User Cleaning and Maintenance > 5) Clean Service Station Wiper Rails**.
- Press **Proceed** to continue.
- Open the service door on the output side of the printer.

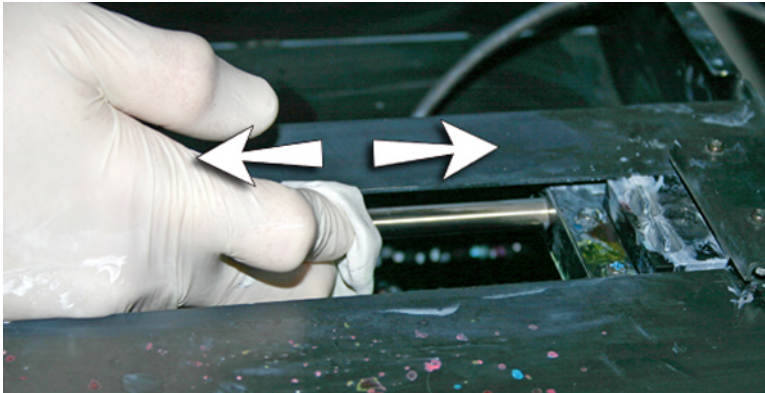
4. Wipe ink and debris from the top of the service station using a cloth moistened with head flush.

Figure 10 Cleaning the top of the service station



5. Clean both of the wiper rails on both sides of the wiper carriage using a lint-free cloth.
Clean the exposed rails on all sides, moving the wiper carriage to clean the full length of the rails.

Figure 11 Cleaning rails



6. Close the access door, and press **Proceed** as prompted by the control panel. Wait for the wiper carriage to move.
7. Open the access door.
8. Apply a dab of grease (supplied) onto a cotton swab.
9. Apply the grease to both rails, making sure to grease the entire surface of the rail (top, bottom and sides).
10. Close the access door.
11. To reset the maintenance counter for this task and complete the procedure, press **Proceed** as prompted by the control panel.


When you press **Proceed**, the printer resets the maintenance counter and moves the wiper carriage back and forth on the rails to spread the lubricant evenly.

Clean service station wiper

CMYKcm — 80 Hours

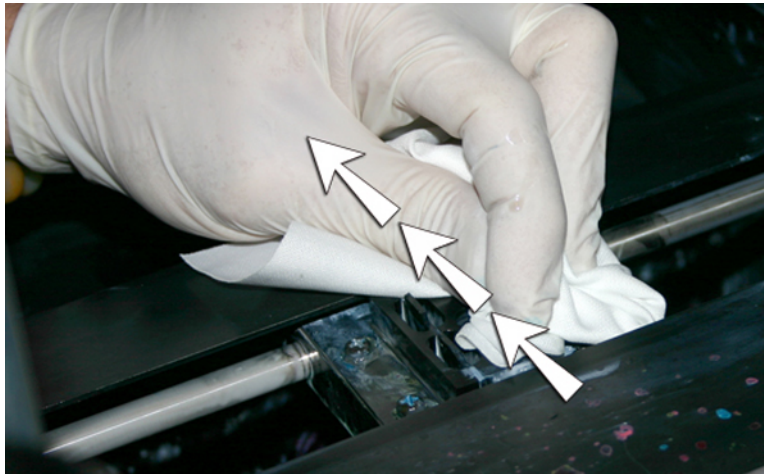
CMYKW — 40 Hours

Clumps of ink can accumulate around the wiper blade. If not cleaned off, the wipers can press the clumps of ink into the printhead orifices, which can clog the printhead jets.

 **NOTE:** Users of printers in California must disregard all references to the Printhead Flush or IPA in the instructions or when displayed on the control panel. Instead, the alternative cleaning liquid specified at the beginning of this section must be used.

1. Select from the control panel **System > Tools > User Cleaning and Maintenance > 6) Clean Service Station Wiper**.
2. Press **Proceed** to continue.
3. Wear gloves, such as latex, to protect your hands from ink.
4. Using a lint-free cloth saturated with head flush (do not use isopropyl alcohol) wipe both sides of the rubber wiper.

Figure 12 Service station wiper blade




5. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Clean carriage wheels

CMYKcm — 40 Hours

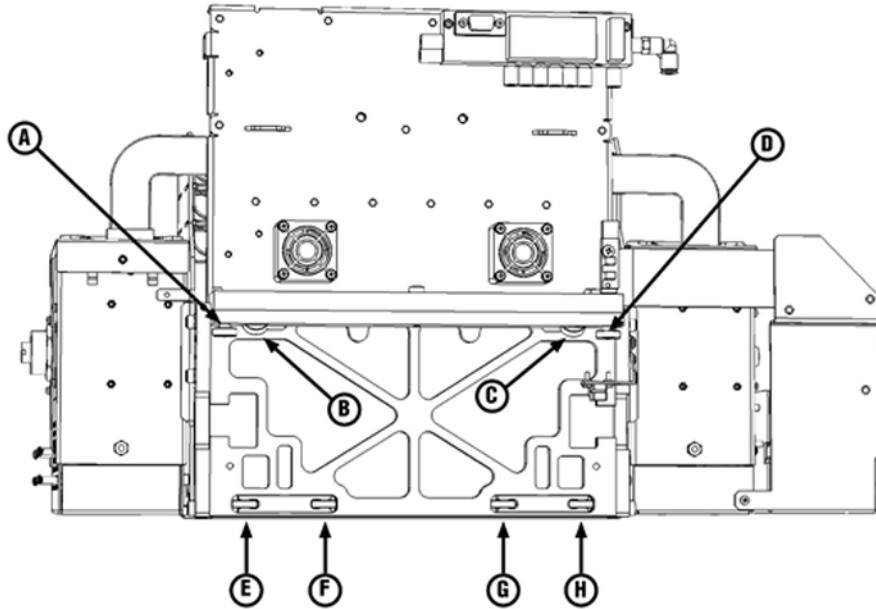
CMYKW — 40 Hours

Ink dust and debris can accumulate on the carriage wheels. These particles become obstacles and increase friction for the carriage wheels, which can appear as repeating output anomalies on the printed media.

 **NOTE:** Users of printers in California must disregard all references to the Printhead Flush or IPA in the instructions or when displayed on the control panel. Instead, the alternative cleaning liquid specified at the beginning of this section must be used.

There are eight carriage wheels to clean (A — H in the next figure).

Figure 13 Location of carriage wheels



1. Select from the control panel **System> Tools> User Cleaning and Maintenance> 7) Clean Carriage Wheels**.

2. Press **Proceed** to continue.

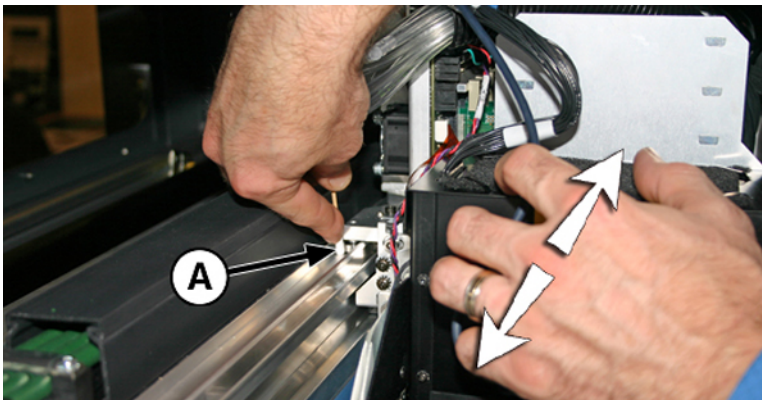
The rail and the output roller will raise to the maximum height. You can move the carriage to any position on the rail that is convenient for cleaning.

3. Remove output table and open the output-side door.

Opening the output-side door will disable the carriage servo, allowing the carriage to be moved manually.

4. Clean the top service-end wheel by placing an Isopropyl alcohol-moistened cotton swab against the side of the wheel (A in photo below) and moving the carriage back and forth about 10 cm (4 in).

Figure 14 Location of carriage wheels



5. Clean the top user-end carriage wheel with an isopropyl alcohol-moistened cotton swab.

Figure 15 Cleaning carriage-wheel with cotton swab



6. Clean the top slanted wheels by inserting an isopropyl alcohol-moistened cotton swab into the opening above the (A) wheels and moving the carriage back and forth. Perform the same process for each wheel on the user and service-end of the carriage.

Figure 16 Cleaning slanted carriage-wheels with cotton swab (1 of 2)

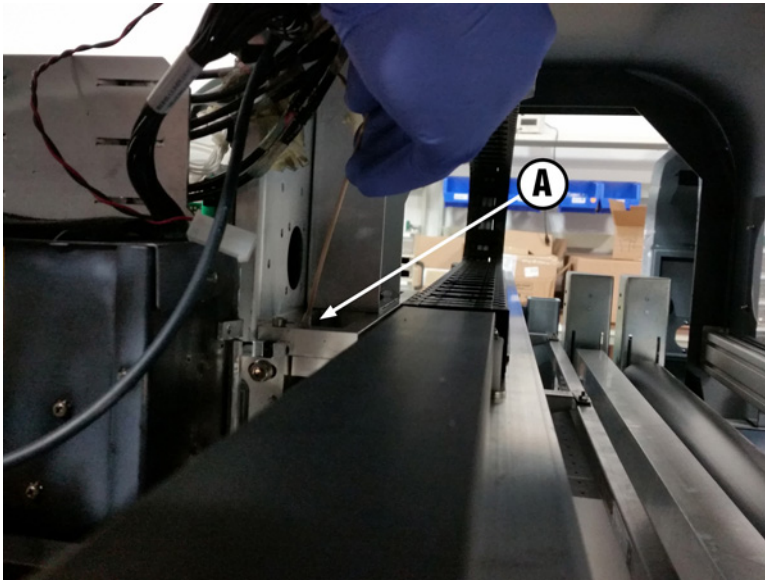
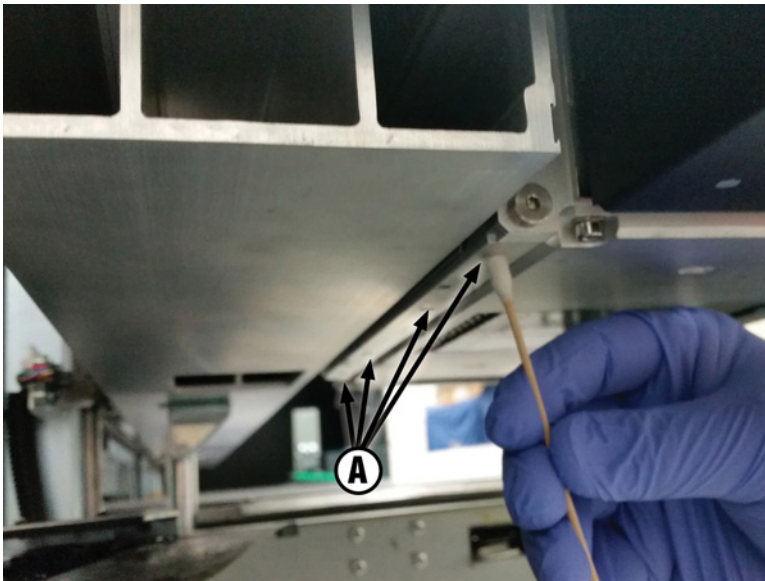


Figure 16 Cleaning slanted carriage-wheels with cotton swab (2 of 2)



7. Clean the four lower carriage wheels by inserting isopropyl alcohol moistened cotton swab into the four access holes located beneath the carriage and moving the carriage back and forth.
8. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Vacuum bottom of carriage

CMYKcm — 80 Hours

CMYKW — 80 Hours

Clumps of ink and debris can accumulate around the printheads, where the service station's printhead wiper does not reach. This routine uses the printer's internal printhead vacuum cleaner to clean as much of this surface area as possible. This reduces the possibility of ink debris moving from the edge of the printhead orifice area onto the printhead, which can clog jets.

1. Select from the control panel **System> Tools> User Cleaning and Maintenance> 8) Vacuum Carriage Bottom**.
2. Press **Proceed** to continue.
3. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

It is recommended to clean the wipers by using the **6) Clean Service Station Wiper** procedure after vacuuming the bottom of the carriage.

Replace the UV lamp filters

CMYKcm — 250 Hours

CMYKW — 250 Hours

Lamp filters keep ink dust and other debris from entering the air-cooled lamp area. If the filters become clogged, the lamps may overheat, reducing the life of the bulbs. Overheating causes printing to stop, which can ruin a print job.

1. Select from the control panel **System> Tools> User Cleaning and Maintenance> 9) Replace UV Lamp Filters**.

2. Press **Proceed** to continue.

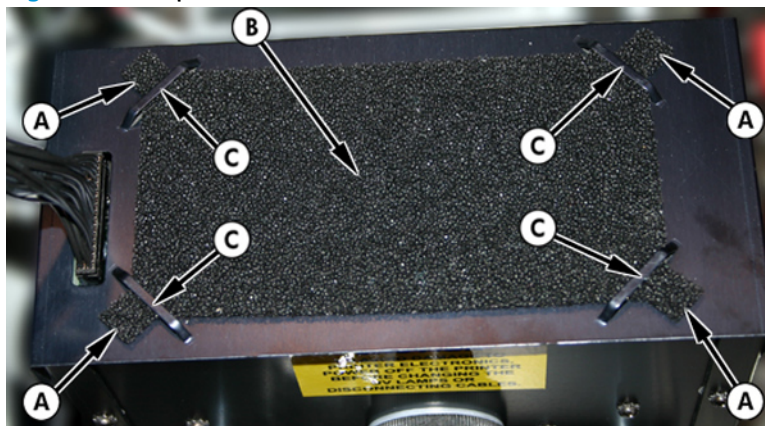
The printer centers the printhead carriage.

3. Remove output table and open the output-side door.

Opening the output-side door will disable the carriage servo, allowing the carriage to be moved manually.

4. Remove the original air filters for both carriage lamps (B in photo below).

Figure 17 Lamp air filter



5. Install the new air filters by insert the corner tabs (A in the photo above) under the corner slots (C in the photo above) on top of the lamps.
6. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Clean the electronics box filters

CMYKcm — 250 Hours

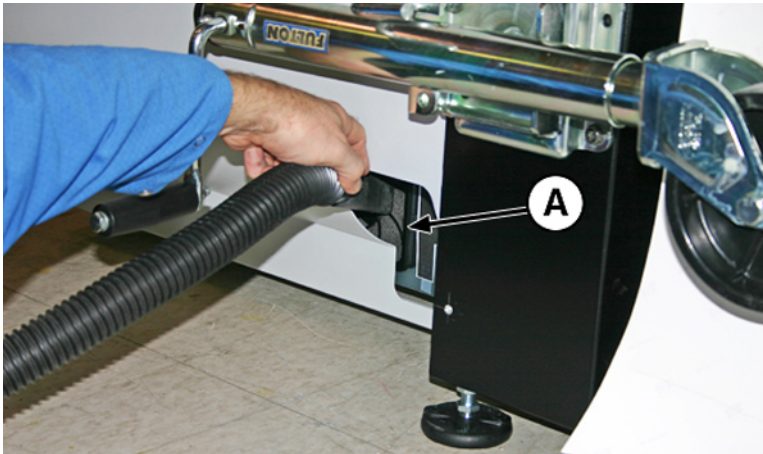
CMYKW — 250 Hours

Electronics box fan filters keep dust and other debris from entering the air-cooled area of the electronics box. If the filter becomes clogged, the electronics may overheat, causing performance errors. There are two air intake fans to clean. One is located near the power switch on the user-end of the printer (input side). The other is located in the middle area under the printer chassis where the power cord attaches on the user-end.

1. Select on the control panel **System > Tools > User Cleaning and Maintenance > 10) Clean Electronics Box Filters**.
2. Press **Proceed** to continue.
3. Vacuum the dust and debris from the front of the fan on the input-side of the electronics box (located behind the user-end enclosure in the area indicated by (A) in the figure below.

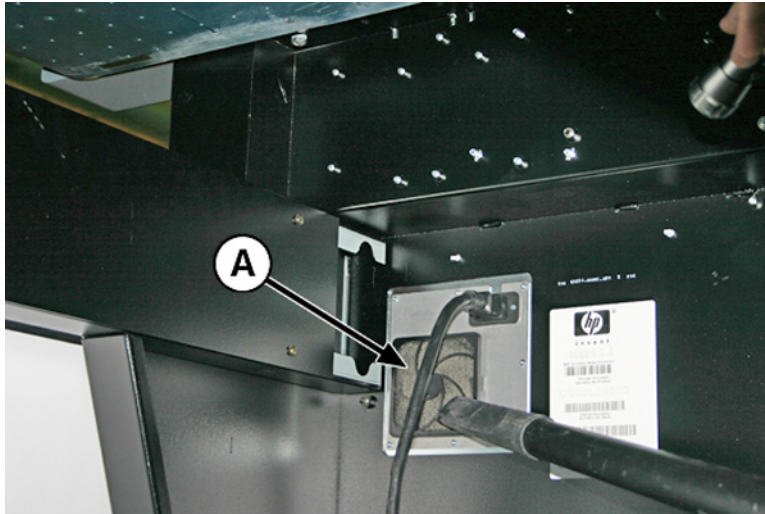
If the chassis wheels are still attached to the printer, rotate the wheel out of the way as shown below.

Figure 18 Cleaning the electronics box fan filter on the input side



4. Vacuum the filter (A in photo below.) located under the printer's chassis near the power cord attachment point, and remove dust from the surrounding area.

Figure 19 Cleaning dust from the electronics box fan filter




5. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Replace the service station wiper

CMYKcm — 250 Hours

CMYKW — 250 Hours

The wiper blade deteriorates with use. Replacing the wiper blade periodically restores the wiping to optimal performance and wiper height.

 **NOTE:** Replace the wiper according to the schedule in [Table 1 Schedule of cleaning tasks on page 2](#). The wiper replacement schedule is calculated to be frequent enough to avoid the need for wiper-height calibrations between replacements. If the wipers are not making adequate contact with the printheads, contact your service provider to calibrate the wiper height.

1. Select from the control panel **System> Tools> User Cleaning and Maintenance> 11) Replace Service Station Wiper**.
2. Press **Proceed** to continue.
3. Open the service door to access the service station.

4. Remove the screw (A in the figure below) that secures the wiper clamp to the wiper assembly.

Figure 20 Service station wiper assembly



5. Separate the two wiper clamp halves and remove the original wiper.
6. Install the replacement wiper blade in the orientation shown below.

Figure 21 Wiper, clamp and screw



7. Secure the wiper blade clamp to the wiper assembly using the original screw.
8. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Clean ionizer needles

CMYKcm – 250 Hours

CMYKW – 250 Hours

Ink dust and debris can collect on the ionizer needles, which degrades their ability to eliminate static. Cleaning the ionizer needles keeps the ionizer bar in optimal performance.

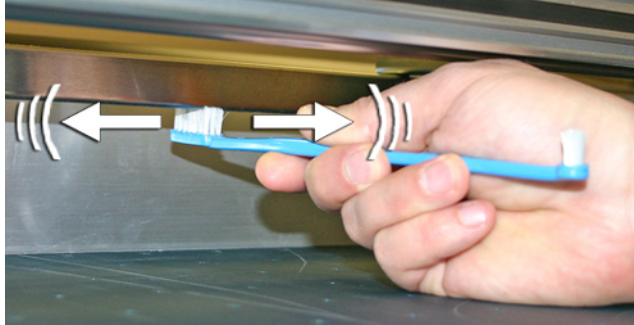
1. Select from the control panel **System > Tools > User Cleaning and Maintenance > 12) Cleaner Ionizer Needles**.
2. Press **Proceed** to continue.

The printer moves the rail for easier access to the ionizer bar.

3. Remove the output table and open the output-side door.
4. Using the brush supplied with the printer (shown in the photo below), clean the ionizer needles (A in the photo below) beneath the ionizer bar.

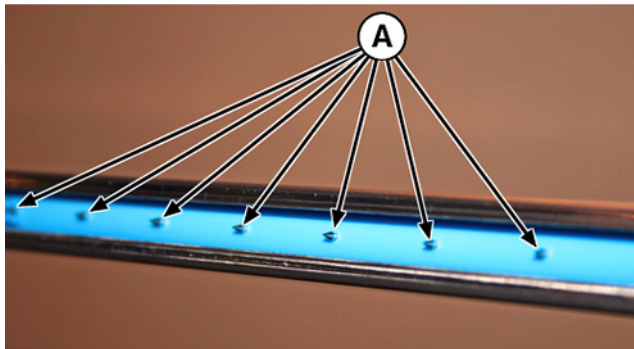
The ionizer bar is located between the input roller and the alignment bar on the input side of the printer.

Figure 22 Cleaning ionizer needles with supplied brush



The needles (A in the photo below) run the length of the ionizer bar.

Figure 23 Ionizer needles



5. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Drain waste ink container

CMYKcm – 40 Hours

CMYKW – 20 Hours

Waste ink accumulates in the service station until drained. Depending on printer use and ink service frequency the service station may need to be drained more often, a Warning or Action in the Attention Queue will alert the user when the float in the service station detects it is full. Dispose of the collected ink according to local regulations.

1. Place the waste ink container (included with the printer) beneath the waste ink spigot, under the media drive belt at the service-end of the printer.
2. Select from the control panel **System > Tools > User Cleaning and Maintenance > 13) Drain Waste Ink Container**.
3. Press **Proceed** to continue.

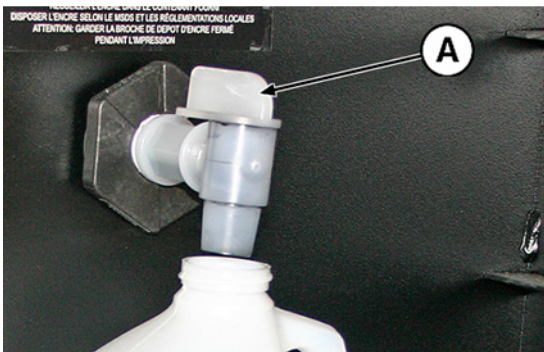
4. Turn the spigot (A in the photo below) to the open position

Figure 24 Waste ink bottle and spigot



5. Turn the spigot to the closed position after the waste ink has drained.

Figure 25 Waste ink spigot in the closed position



CAUTION: The drain spigot must remain closed during printing and service station use. An open spigot affects the vacuum level in the service station and will degrade service station performance if left open.

6. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Clean media thickness sensor

CMYKcm – 250 Hours

CMYKW – 250 Hours

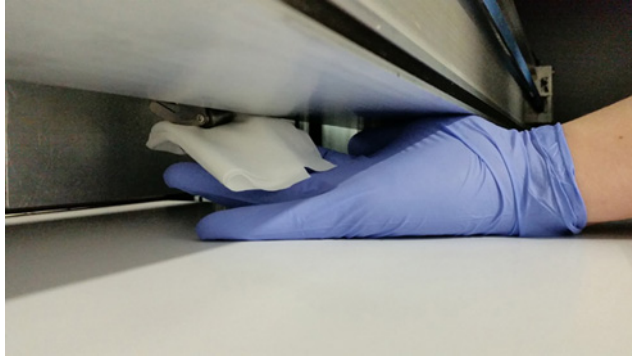
The media thickness sensor is located on the carriage rail, on the user-end behind the rail. Debris on the media thickness sensor roller can result in inaccurate measurements. Clean the roller to keep the sensor operating correctly.

NOTE: Users of printers in California must disregard all references to the Printhead Flush or IPA in the instructions or when displayed on the control panel. Instead, the alternative cleaning liquid specified at the beginning of this section must be used.

1. Select from the control panel **System > Tools > User Cleaning and Maintenance > 14) Clean Media Thickness Sensor**.
2. Press **Proceed** to continue.

3. Clean the media thickness sensor roller by manually turning the roller with your finger while applying the cloth to the roller surface using a lint-free cloth that is saturated with IPA (isopropyl alcohol).

Figure 26 Use a lint-free cloth while moving the media thickness sensor roller



4. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Clean cover exhaust fans

CMYKcm – 250 Hours

CMYKW – 250 Hours

Cover exhaust fans keep the printer running at optimal temperatures by drawing warm air generated by the electric components away from the printer. There are finger guards for each fan where debris can build up, cleaning these finger guards will prevent the debris from falling onto printed output. Fans are located along the top of the printer on both end-caps and on the output door cover.

1. Select from the control panel **System> Tools> User Cleaning and Maintenance> 15) Clean Cover Exhaust Fans**.
2. Press **Proceed** to continue.
3. Remove output table and open the output-side door.
4. Vacuum the dust and debris from each fan guard.
5. To reset the maintenance counter for this task and complete the procedure, press **Proceed**.

Replace UV lamp bulb

CMYKcm – 500–1000 Hours

CMYKW – 500–1000 Hours

The UV ink curing lamp bulbs will gradually emit light of diminishing intensity with use. To compensate, increase the power settings to the lamp. (From the control panel **Printing> Options> Increase UV Lamp Power**). The UV bulbs are warranted for 500 hours, but by operating them at a low power initially, and increasing the power only when necessary to ensure a full curing of the ink, a service life of 1000 hours is possible.

Replace both bulbs at the same time, so that both bulbs emit light of equal intensity. Order two of HP product number CH231A, HP UV Replacement Bulb Kit. The replacement procedure is as follows:

1. Select from the control panel **System> Tools> User Cleaning and Maintenance> 16) UV Lamp Bulbs> In.**

2. Press **Yes** to continue or **No** to cancel.

The printer positions the rail and carriage for replacing the bulbs.


3. Select from **Both Lamps, Service-end Lamp** or **User-end Lamp** (it is recommended to replace both bulbs at the same time).

4. Press **Proceed** to continue.

This resets the lamp service hours counter to zero hours.

5. Power down the printer using the power switch as instructed on the control panel.

 **CAUTION:** DO NOT attempt to access the UV Lamps without first powering down the printer.

 **NOTE:** DO NOT disconnect the main power cable from the print: this ensures that the proper vacuum is maintained to the printheads, which prevents ink from leaking out.

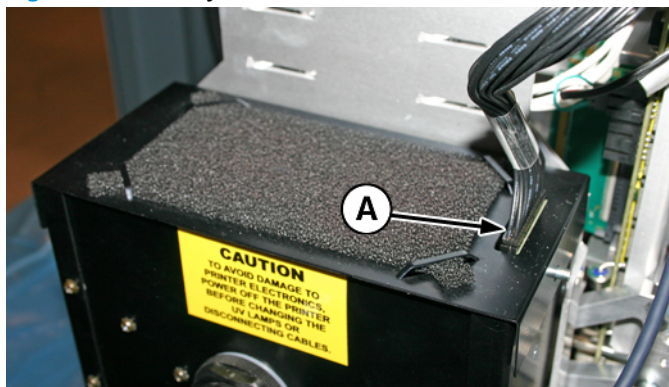
6. Wait five minutes to allow any existing current to drain from the capacitors.

7. Remove output table and open the output-side door.

8. Remove the user-end upper lamp assembly.

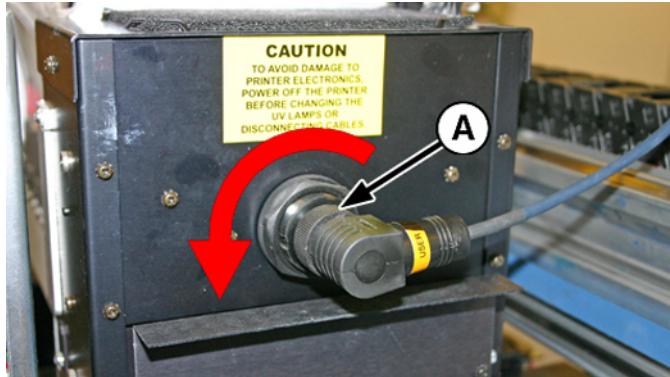
- a. Disconnect the auxiliary cable (A in the figure below) from the top of the user-end lamp.

Figure 27 Auxiliary cable



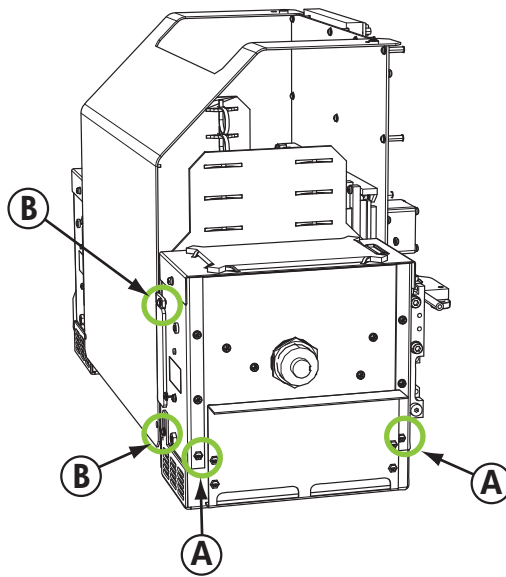
- b. Remove the lamp power cable from the side of the lamp (A in the figure below) by turning the coupling counterclockwise.

Figure 28 Lamp power cable



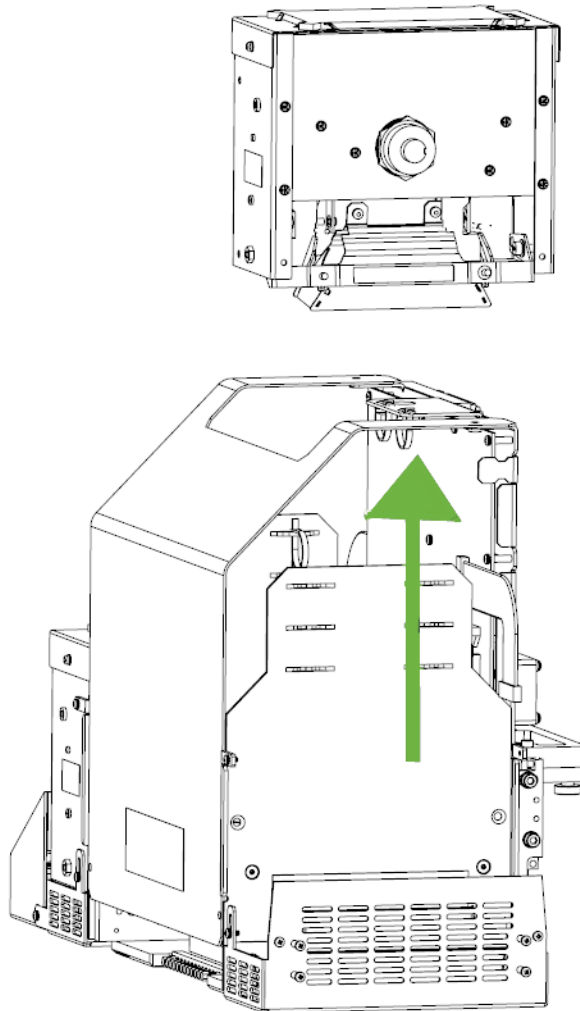
- c. Remove the four screws (A and B in the following figure) that secure the upper lamp assembly to the lower lamp assembly.

Figure 29 User-end screws



- d. Lift up to remove upper lamp assembly from the lower lamp assembly.

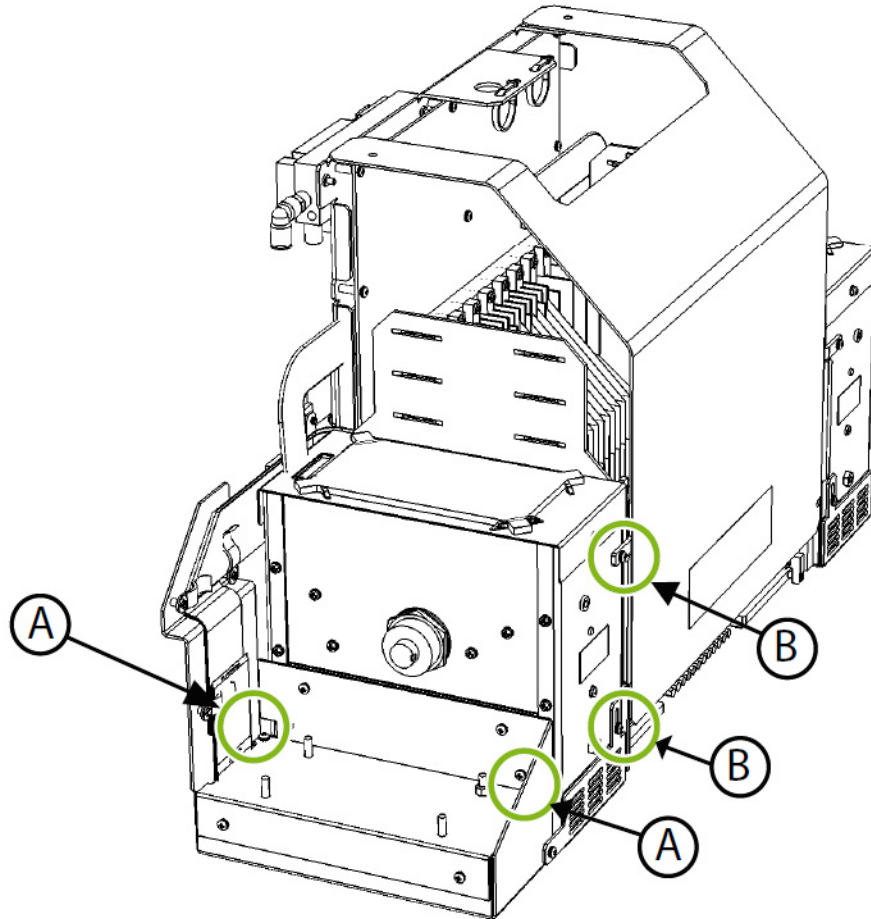
Figure 30 User-end screws



9. Remove the service-end upper lamp assembly.
 - a. Disconnect the auxiliary cable (A in the figure 27) from the top of the user-end lamp.
 - b. Remove the lamp power cable from the side of the lamp (A in the figure 28) by turning the coupling counterclockwise.


- c. Remove the four silver screws (A and B in the following figure) that secure the upper lamp assembly to the lower lamp assembly.

Figure 31 Service-end screws



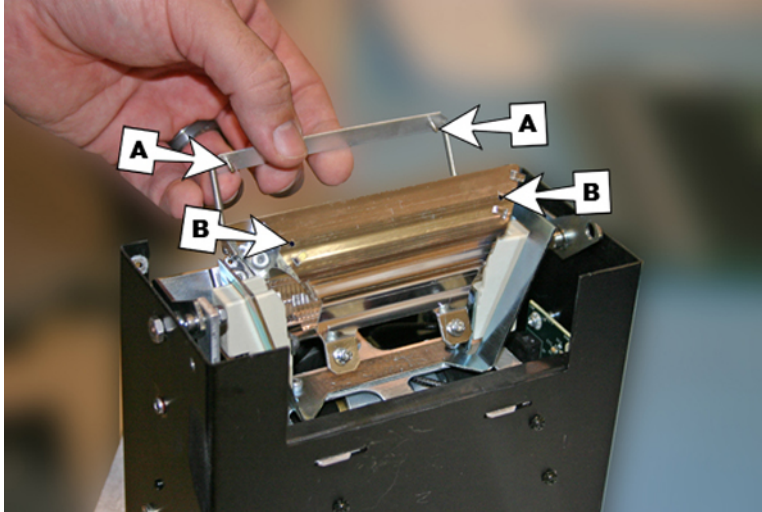
- d. Lift up to remove the upper lamp assembly from the lower lamp assembly.

10. Remove the old UV lamp bulb

 **NOTE:** Wear cotton gloves to protect the reflector and replacement bulb from fingerprints, which would reduce bulb life and reflector efficiency.

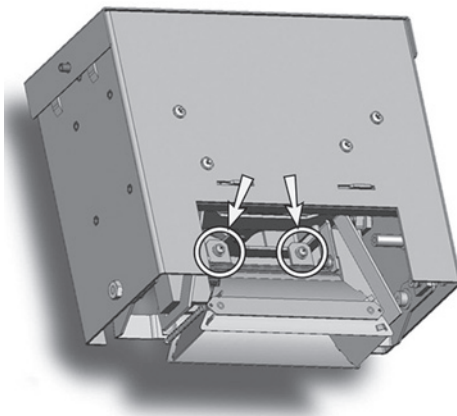
- a. Pull the spring-loaded clamp (A) from the side of the lamp reflector (B) as shown below.


Figure 32 Spring-loaded clamp




- b.** Loosen the two screws that hold the two reflectors together until the outside reflector can be removed.

Figure 33 Reflector screws

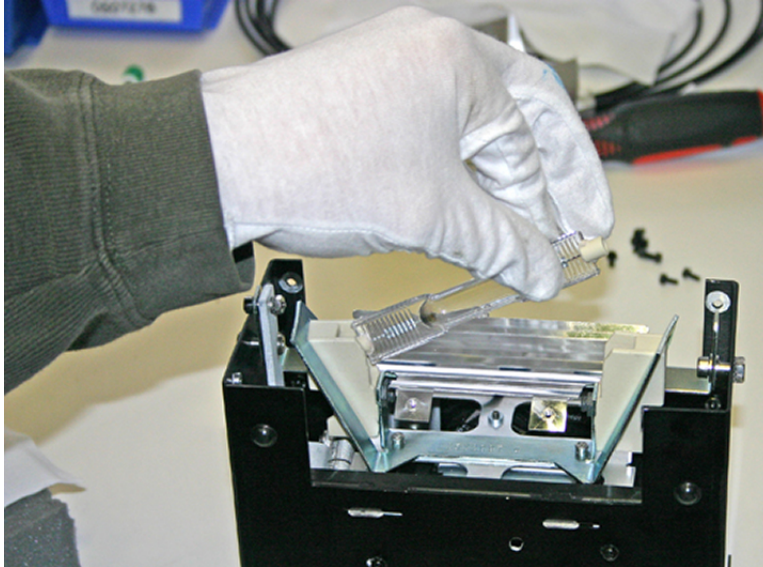


 **NOTE:** The reflector screws are captive screws and are not meant to be fully removed. If you do fully remove the screws, take care that the screws do not drop into the lamp assembly.

 **NOTE:** Do not bend any of the tabs on the reflectors.

- c. Push the lamp bulb to one side slightly (against the spring), and lift it from the upper lamp assembly.

Figure 34 Removing the bulb



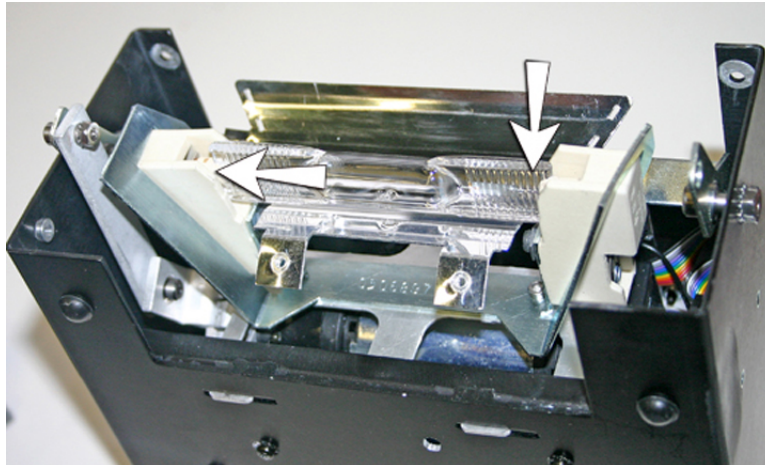
Material disposal: mercury lamps

This HP product contains the following materials that might require special handling at end-of-life: Mercury is present in UV lamps. Disposal of mercury can be regulated because of environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (EIA) (<http://www.eiae.org>).

11. Install the new UV lamp bulbs

- a. Insert the replacement bulb into the upper lamp assembly, pressing it to the left, then down into place as illustrated in the following figure.

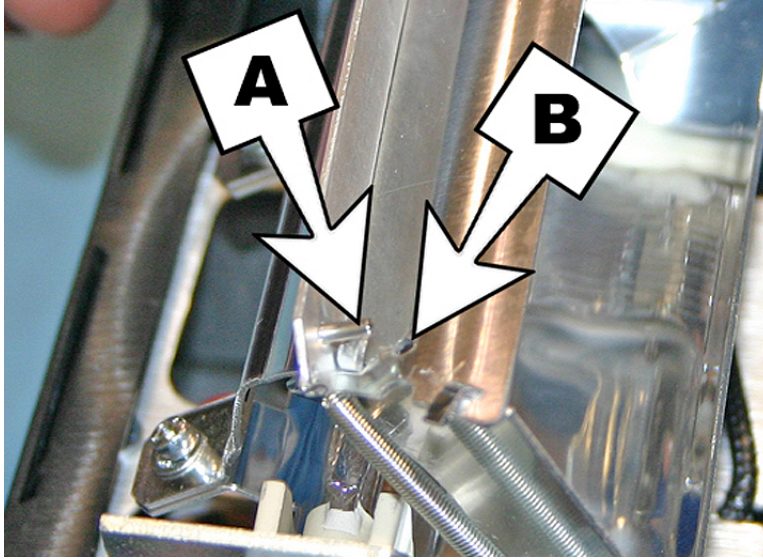
Figure 35 Installing the bulb



- b. Tighten the two screws that hold the reflectors together (see [Figure 33 Reflector screws on page 28](#) for screw locations).

- c. Insert the spring-loaded clamp's dowels (A and B below) into the reflector.

Figure 36 Inserting the dowels into the reflector

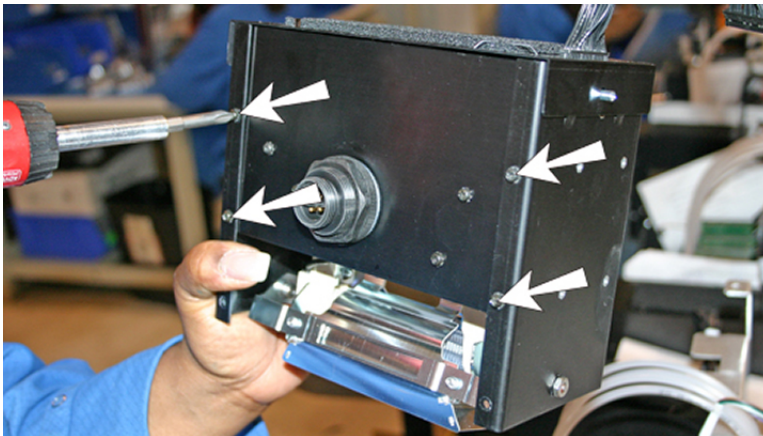


12. Re-install the user-end upper lamp assembly
 - a. Slide the upper lamp assembly into the lower lamp assembly lining up the screw hole locations.
 - b. Secure the upper lamp assembly to the lower lamp assembly using the original two lower screws on the user-end of the carriage (A in [Figure 29 User-end screws on page 25](#)).
 - c. Install the two screws that secure the upper lamp assembly to the carriage side plate (B in [Figure 29 User-end screws on page 25](#) for locations).
 - d. Connect the auxiliary cable to the top of the lamp. See [Figure 27 Auxiliary cable on page 24](#).
 - e. Connect the lamp power cable to the side of the lamp. See [Figure 28 Lamp power cable on page 25](#).

Troubleshooting upper lamp assembly installation

- If you have difficulty fitting the upper lamp assembly back into the lower lamp assembly, loosen the four screws indicated below. Re-fasten screws once assembly has been installed.

Figure 37 Loosening screws to ease installation



- If the upper lamp assembly is still difficult to install, squeeze the side of the lower lamp assembly to bend the side in about 0.8 mm (0.013 in) as shown in the figure below.

Figure 38 Squeeze the sides of the lower lamp assembly

