

LogoJET PRO H4 Weekly Maintenance Procedures

PROCEDURE OVERVIEW:

Wipe the encoder strip & back encoder wheel. (6 month procedure)

Wipe the bottom of the printer head.

Clean the capping station and wiper blade.

Clean then oil the print head rail and flatbed rails. Then, grease top rail.
(6 month procedure)

Empty the waste ink bottle and replace the left pad.

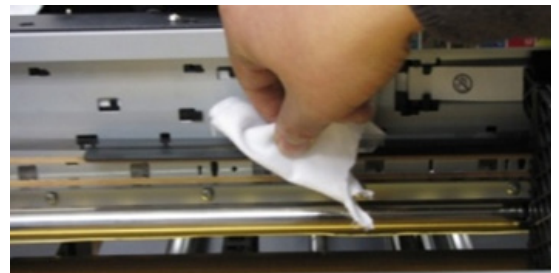
MAINTENANCE TOOLS:

- Safety glasses
- Isopropyl Alcohol (70-99%)
- Screwdriver (Phillips)
- Foam swabs
- Shop towels
- Lily oil
- Syringe
- Lint-free cloths
- Waste container

1. WIPE THE ENCODER STRIP

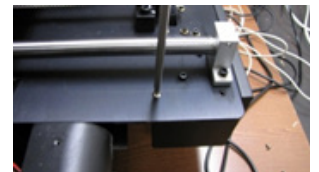
- Turn on printer with the red power button and leave in <Test Mode>. If printer is on press “Printer Power” on the remote to put the printer back into <Test Mode>.
- Press and hold “Auto Height” until remote displays “Head Move Moving”. The head will begin to unlock, once the remote displays “Head Move OK” it is safe to manually move the carriage.
- Press the “Down” button to give yourself enough room to access the print head once it is over the tray (2-3 inches). *This space will be needed to clean the print head in the upcoming steps.*
- Turn off printer with the red power switch.
- Move print carriage away from capping station manually.
- Clean the strip with a dry, lint free cloth (or something similar). If there is an obvious ink stain on the strip, spot clean the stain with a few drops of isopropyl alcohol on the lint free cloth. Wipe the strip thoroughly from its farthest point on the left to its farthest point on the right. *You will have to move the head out of way to do so.*

NOTE: Do not use nail polish remover to wipe the encoder strip or it may discolor. Dry wipe the encoder strip. Use a few drops of isopropyl alcohol on lint free gauze if there is ink on the strip.



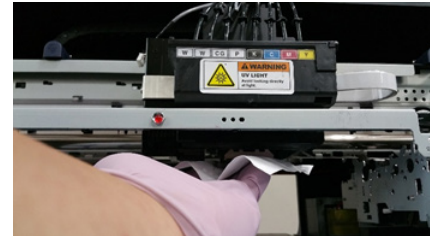
2. WIPING BACK ENCODER WHEEL (6 MONTH PROCEDURE)

- Remove the four screws to release the protective panel and gain access to the encoder wheel.
- Use a dry, lint free cloth (or similar) to clean the clear encoder wheel at the back.
- Pinch the encoder using the cloth while turning the black gear wheel.
- Replace the panel and the four screws.



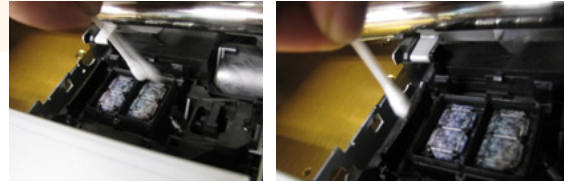
3. WIPE THE BOTTOM OF THE PRINTER HEAD

- Move the print head to the center of the rail.
- Saturate a lint free pad or gauze with Isopropyl Alcohol 70% to 99%. Gently wipe the bottom of the print head letting the solution loosen the dried ink.
- If needed, you can super-saturate a cloth and hold it against the print head for 30-60 seconds to loosen dried ink.



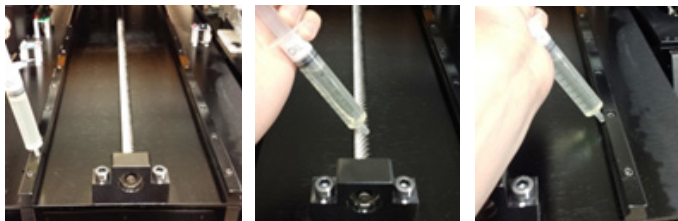
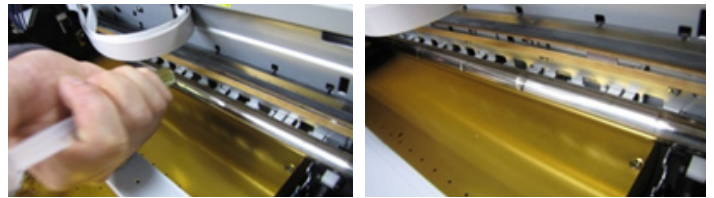
4. CLEANING THE CAPPING STATION AND WIPER BLADE

- Using either Isopropyl Alcohol and a clean gauze or cotton swab, clean the wiper blade and rubber gasket surrounding the capping station sponges.



5. CLEAN THEN OIL THE PRINT HEAD RAIL AND 3 FLAT BED RAILS

- The print head moves across the metal bar during the print process. If the bar is left unmaintained, the print head movement will experience resistance overloading the motor and resulting in errors and/or component failure.
- Remove any built-up dirt from the ends of the rail with a lint free cloth and isopropyl alcohol. Then, place only two drops of sewing oil on the right side of the print carriage. Spread the oil across the bar by moving the print head back and forth along the rail.



- Apply one drop of oil between each indentation on the bed rails and a generous amount of oil on the center shaft. Failure to lubricate this system regularly will result in errors and/or component failure.

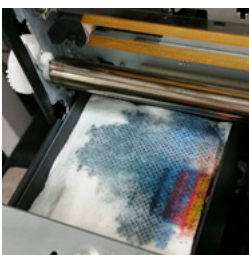
6. GREASE TOP CARRIAGE-FRAME (6 MONTH PROCEDURE)

- Using the white grease provided, or any white lithium grease, apply underneath printer frame where carriage moves within. Use your finger or cotton swab to apply two small dabs of grease.



7. EMPTY WASTE INK BOTTLE & REPLACE PAD ON LEFT SIDE

NOTE: Never allow drain tubes to touch waste ink.



- Do not pour ink into a sink drain. Please refer to your local or state regulations on proper disposal of paints, solvents and/or waste inks.
- Inspect the waste pad on the left side of the printer and replace if the ink is building up. The ink must not touch the printer head and the pad must be one inch from the top of the bucket.

