

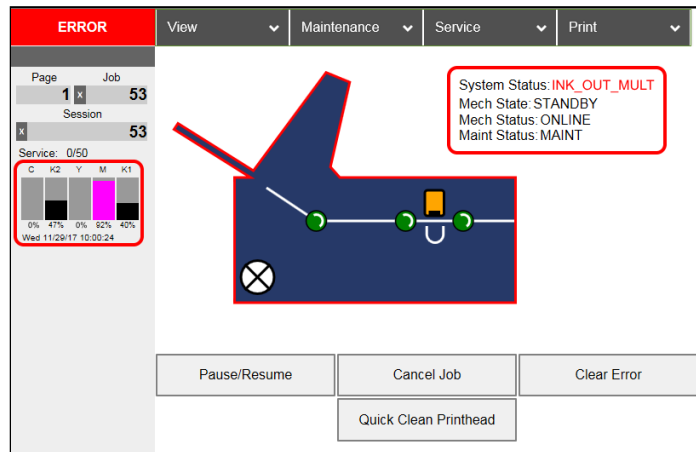
SECTION 4 – Maintenance

General, periodic maintenance is needed to keep Printer in good working order. This section covers how to care for Ink Tanks, Printhead Cartridge, Service Station, and clear paper jams.

Replacing Ink Tanks

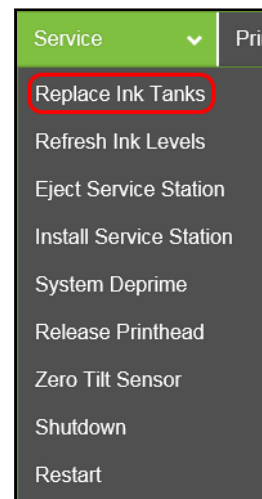
Replace Ink Tanks when ink runs out.

1. **Open Printer Toolbox.**
System Status information appears on the right side of the **System Status** window. Ink Cartridge status boxes “C, K2, Y, M, K1” are on the left. The boxes may be low or empty.

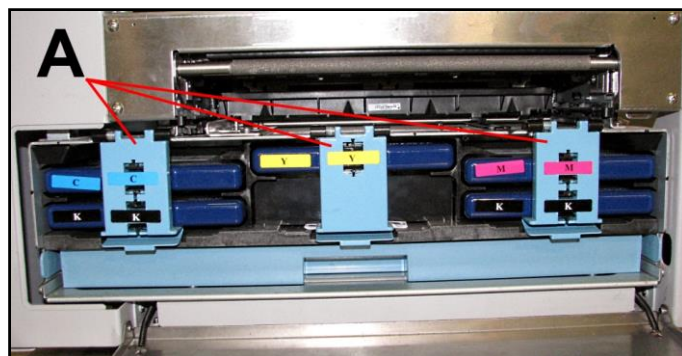


2. Click “**Service**” drop-down menu. Select “**Replace Ink Tanks**”. (*Disconnects Printer communication with Ink Tanks and allows safe installation and replacement.*) Once “**Confirm**” screen displays, it is safe to remove Ink Tanks.

IMPORTANT: DO NOT press “Continue” until after you have removed and replaced the Ink Tank(s) and closed the Ink Tank Latches.



3. Open Front Cover (*hinged at bottom*). Open three Latches [A] and pull Ink Tank(s) out of Printer.
4. Remove new Ink Tank(s) from packaging.

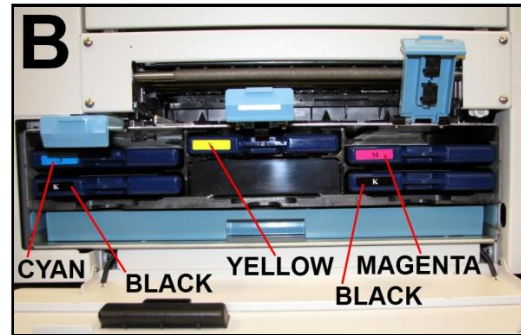


SECTION 4 MAINTENANCE

- Slide the new Ink Tanks (*labels up*) into the appropriate color slots [B]. Close the three Ink Tank Latches.

INSTALLATION TIP:

Make sure Ink Tanks seat properly. Insert Ink Tank into appropriate Ink Station, then pull Ink Tank back about an inch and push forward firmly to insure that Ink Nozzles penetrate seals on Ink Tanks.



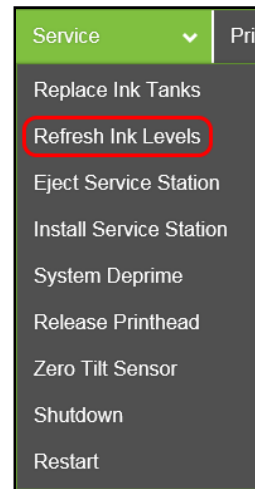
- Click “Continue” on Confirm screen. Then select the “Service” drop-down menu, and select “Refresh Ink Levels”. Ink colors fill in as Ink Tanks are installed.

If ink colors do not fill in after a few seconds, click “Replace Ink Tanks” again and reinstall the Ink Tank(s).

NOTE: If the Ink Tank is installed, but Ink Tank indicator still does not refresh, see “Cleaning Ink Tank Contacts” on next page.

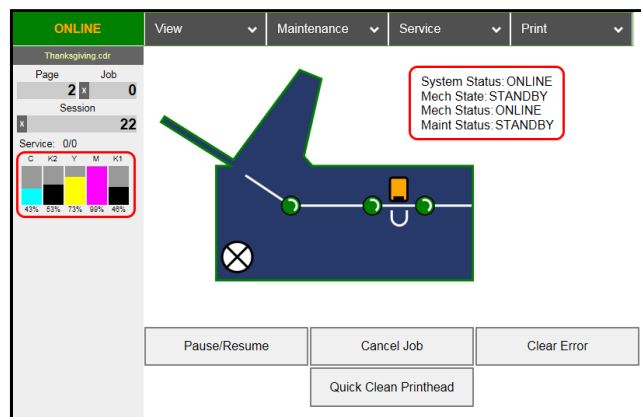
It is now safe to install/remove the Ink Tank(s).
Do not press "Continue" until Ink Tank replacement process is completed.

Continue



- When Printer stops processing and all fields in System Status are *black*, Printer is ready for use.

- Close Front Cover.



WARNING!

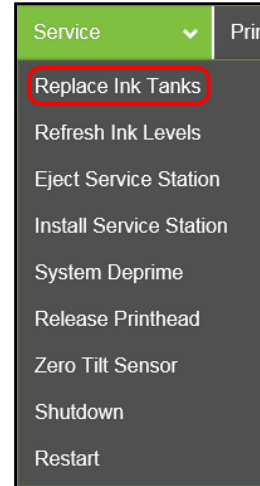
Ink in Ink Tanks may be harmful if swallowed. Keep new and used Ink Tanks out of reach of children. Discard empty Ink Tanks immediately.

Cleaning Ink Tank Contacts

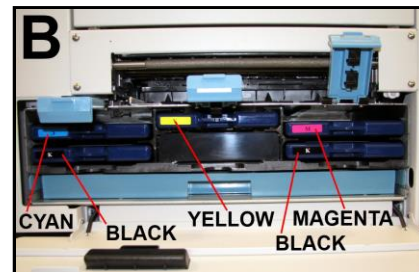
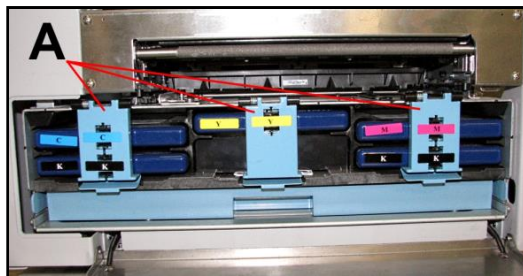
When reinstalling or replacing Ink Tanks, the Ink Level indicator in the **Toolbox** may not refresh. This may be due to a dirty Ink Tank Level Prism and/or QA Chip contacts on that Ink Tank(s).

Clean contacts as follows:

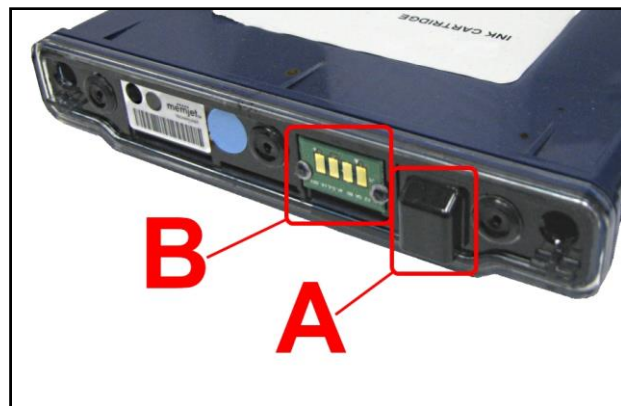
1. **Remove Ink Tank(s).** Open **Toolbox**. Select the “**Service**” drop-down menu, then select “**Replace Ink Tanks**”. Once the “**Confirm**” window opens, it is safe to remove Ink Tanks. **IMPORTANT: DO NOT press “Continue” until after removing and replacing the Ink Tank(s) and closing the Ink Tank Latches.**



2. Open Front Cover. Release Ink Tank Latch(es) [A]. Remove Ink Tank(s) [B] that did not refresh.



3. Clean Ink Level Prism [A] and QA Chip contacts [B] with a clean, dry, lint-free cloth. **NOTE: Dampen cloth with distilled water to wipe Prism, but DO NOT get QA Chip contacts wet.**

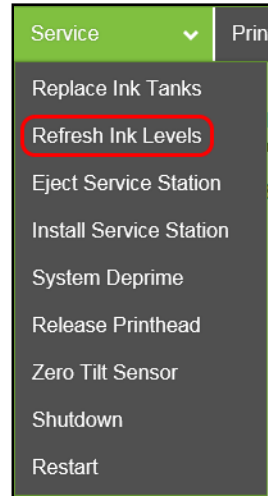


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4. Reinstall Ink Tank(s) (*labels up*), close Ink Tank Latch(es). Click “Continue” on Confirm screen. Select the “Service” drop-down menu, then select “Refresh Ink Levels”.



5. Close the Front Cover.



Storage

New Ink Tanks should be stored in original packaging and kept away from heat.

Opened Ink Tanks should remain in Printer.

Nominal Ink expiration date: 24 months following date of manufacture (*ink fill date*).

Disposal

Safely dispose of Ink and Ink Tanks in accordance with local/national regulations.

Clean up spills with soap and water. Abrasive soap is effective in cleaning ink off your hands.

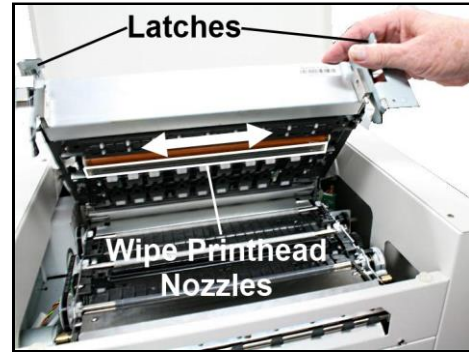
Cleaning/Replacing Printhead Cartridge

Cleaning

The Printhead is cleaned automatically each time Printer is turned on or when “**Quick Clean Printhead**” routine is performed. This can be found under **Service Tab**, “**Quick Clean Printhead**” in **Printer Driver** or the “**Maintenance**” drop-down menu in **Printer Toolbox**. “**Normal Clean Printhead**” and “**Full Clean Printhead**” can be used to more thoroughly clean or clear Printhead.

If running automated Cleaning Levels doesn’t help improve print quality, Printhead Cartridge can be cleaned manually.

1. Open Top Cover.
2. Release and lift two latches (*at same time*) to raise Print Engine Clamshell.
3. Moisten Printhead nozzles using deionized/distilled water (*reference ASTM D5127-90 Type E-II Electronic Grade Water*) and a damp, lint-free cloth, wiping end to end. (*Gray strip located below orange strip.*) **Take care not to damage copper contacts, metal plate, or gold Printhead surface.**
4. Close and latch Print Engine Clamshell.



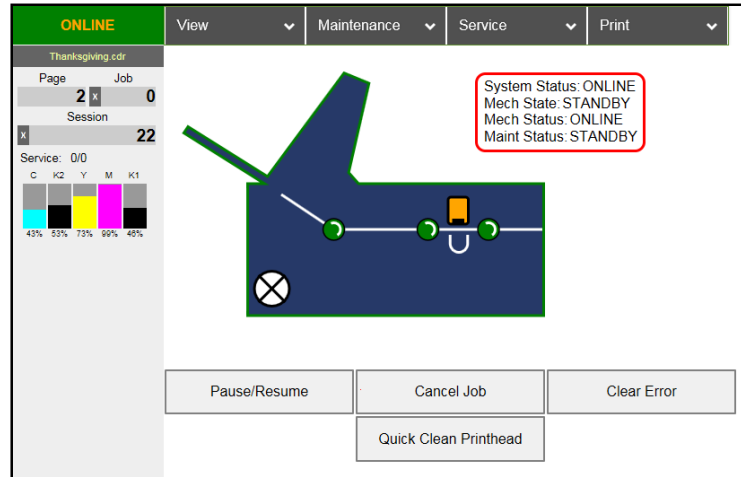
Generally, when ink supply is adequate and print quality remains poor, or when automated cleaning processes or manually cleaning Printhead does not help image quality, replace Printhead.

CAUTION

- **Use electrostatic discharge (ESD) protection when handling.**
- **Hold Printhead Cartridge by handles ONLY.**
- **DO NOT touch ink couplings, nozzle surface or electrical contacts.**
- **DO NOT unpack Printhead Cartridge until Printer is ready for installation. Once unwrapped, delay in installing Printhead can compromise print quality due to dehydration.**
- **DO NOT place an unwrapped Printhead on any surface before installing. Protect Printhead from scratches, dust, fibers, dirt and other contaminants at all times.**

Replacing Printhead Cartridge

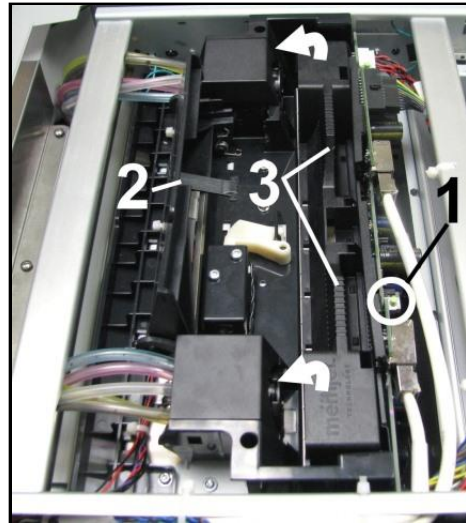
1. **Open Toolbox.** On the **System Status** screen, System Status information appears on the right side.



2. **Open Top Cover.** Press Printhead Latch Release button [1]. Printer pumps any ink in system back into Tanks. Then Printhead Latch pops open [2].
NOTE: Perform this same function from your computer by selecting the “Service” drop-down menu, then selecting “Release Printhead” in Printer Toolbox.

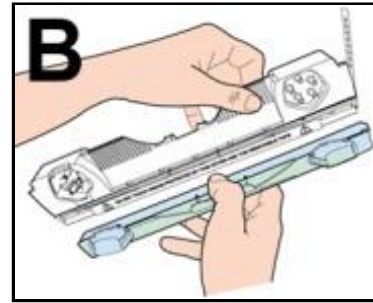
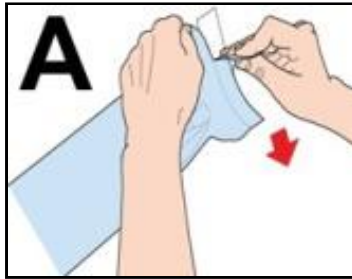
CAUTION

DO NOT PRY OR MANUALLY LIFT PRINthead LATCH OR LATCH MAY BREAK. ONLY OPEN LATCH USING PRINTER'S RELEASE BUTTON OR RELEASEPRINthead COMMAND IN PRINTER TOOLBOX.



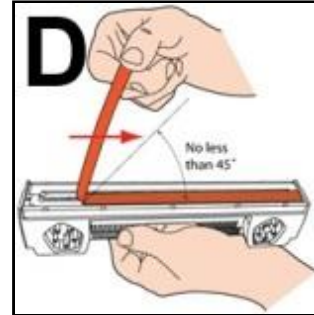
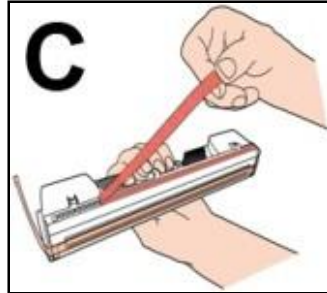
3. Make sure Printhead Latch is fully opened to retract ink lines. Remove used Printhead Cartridge by tilting it toward ink lines [3], then carefully lifting it out of Printhead Compartment.

4. [A] Carefully remove Printhead Cartridge from foil packaging. Tear foil at notch or cut the end with scissors.



- [B] Remove protective plastic cover. Hold Printhead by handle and unclip cover from Printhead.

- [C] Remove protective strip from Printhead electrical contacts. Once removed, DO NOT allow strip to touch electrical contacts.



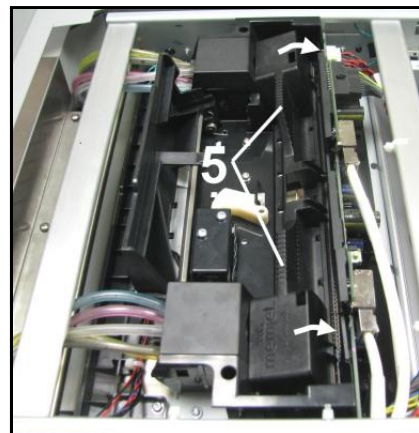
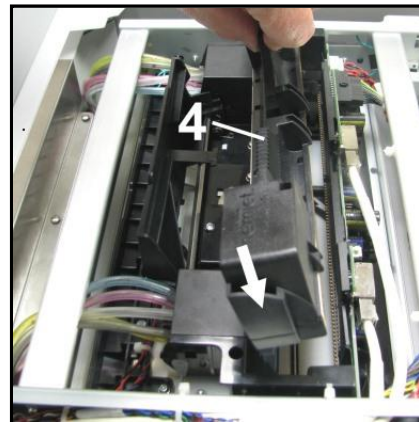
- [D] Remove protective strip from Printhead Nozzles. Hold Printhead by handle. Pull strip tab and slowly peel strip from Printhead.

DO NOT pull strip at less than a 45° angle from Printhead surface.

DO NOT allow removed strip to touch Printhead Nozzles.

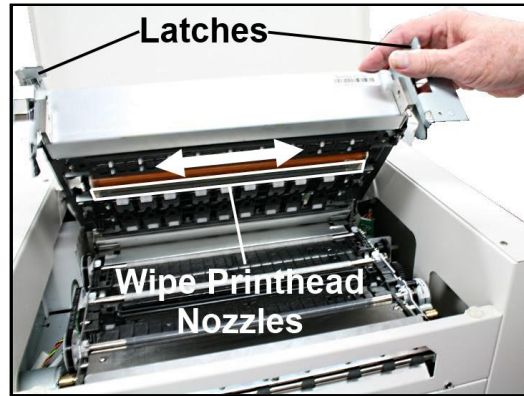
NOTE: Keep foil packaging to store/dispose of old Printhead Cartridge.

5. Carefully insert Cartridge into compartment at an angle [4], with Printhead surface facing down and Ink Nozzles facing Ink Hoses. Once seated, gently tilt Cartridge back until it snaps into an upright position [5]. **DO NOT FORCE Cartridge into position.**



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MAINTENANCE**

6. **Wet Printhead Surface.** (*Ensures that Printhead will prime correctly.*) Open Top Cover. Release and lift two latches **at same time** to raise Print Engine Clamshell. Moisten Printhead nozzles using distilled water and a damp, lint-free cloth, wiping end to end. (*Gray strip located below orange strip.*) Close and latch Print Engine Clamshell.



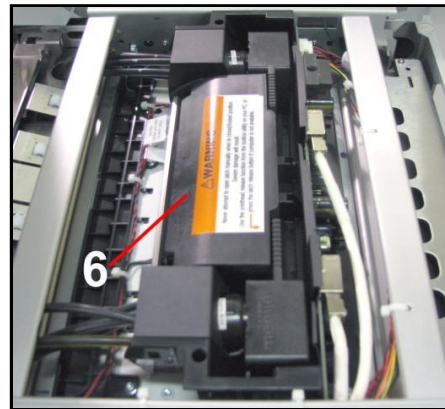
CAUTION

HOLD ONTO BOTH LATCHES WHEN OPENING AND CLOSING PRINT ENGINE CLAMSHELL TO PREVENT DAMAGE.

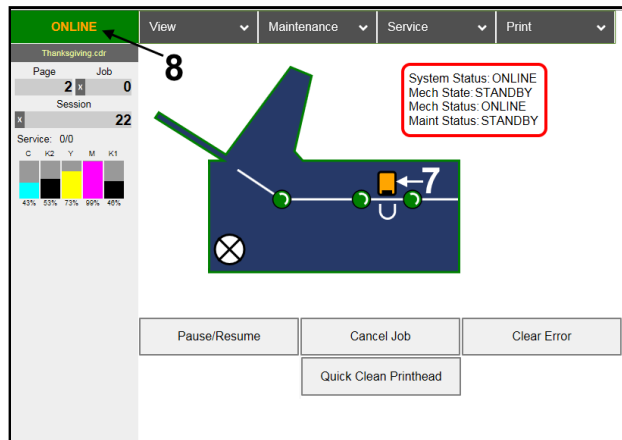
DO NOT ALLOW CLAMSHELL TO DROP OR SLAM CLOSED.

TO PREVENT DAMAGE TO INK LINES, A STOP LIMITS RAISING CLAMSHELL MORE THAN 60°.

7. **Close Printhead Latch [6].** Printer starts up and primes ink into Printhead. (*This may take a few minutes.*) Make sure ink is flowing through hoses. If air bubbles appear, you may have to tap lines or click “**Circulate Ink**” in Printer Toolbox under “**Maintenance**” to clear them.



8. **Watch System Status screen.** Notice that some information is in *red*. As Printer circulates ink and primes system these fields should all turn *black*. Check that the Printhead icon [7] in Printer image is primed (*solid color*).



9. When **ONLINE [8]** appears, Printer is ready for use. **NOTE:** If the Printhead icon continues to display an outline or a question mark (?) try the following procedures:

[1] **Printhead icon shows an outline (*Printhead unprimed*):** Click “**Circulate Ink**” under “**Maintenance**” drop-down in the Printer Toolbox. If issue persists, try the “**Install Printhead**” procedure again. If the issue continues, contact technical support.

[2] **Printhead icon displays a question mark (*Printhead not recognized*):** Try the “**Install Printhead**” procedure again. If the issue continues, contact technical support.

NOTE: Printer may take up to 12 minutes to set itself up during initial startup. This is normal.

IMPORTANT!

CHECK INK TANKS. PRINTER MAY NOT FULLY REPRIME IF TANKS ARE LESS THAN 1/3 FULL.

Printhead Storage

Store and transport cartridge as indicated by “**this side up**” arrow symbol on packaging.

Cartridge and ink supply must be within operating temperature range before attempting to prime cartridge with ink and starting to print. When stored at temperatures below operating range, it may take up to 3 hours for a cartridge in its packaging to reach operating temperature. **NOTE: Additional packaging will increase time needed to reach operating temperature.**



Storage Life: 12 months from date of manufacture (*printed on shipping box*).

Storage Temperature Range:	Long Term: 14° F to 86° F (-10° C to 30° C) Short Term: -11° F to 140° F (-25° C to 60° C) NOTE: Cumulative storage duration above 86° F (30° C) must not exceed 72 hours.
Humidity Range:	5% to 95% Relative Humidity, non-condensing
Atmospheric Pressure Range:	70 kPa to 106 kPa
Electrostatic Discharge:	8 kV air discharges or 4 kV contact discharges* *When tested in accordance with IEC 61000-4-2

Printhead Service Life

Projected: 50,000,000 ejections per nozzle. Printhead has a total of 70,400 nozzles (*14,080 per color channel*.) Since printing does not use the entire length of Printhead, some nozzles do not fire as often. The most often used Nozzles will degrade more quickly. Noticing effects of failing nozzles depends partly on the relative position of those nozzles to each other. In simple terms, number of images printed and amount of ink that will pass through printhead prior to printhead degradation will depend on make-up of the images printed, operating environment, servicing, media characteristics (*including cleanliness*) and other factors.

M-Series Printhead Return Policy

Return Policy and Return Procedure for Memjet Printheads for M-Series Printers:

Limited Printhead Replacement Policy: M-Series Printheads are manufactured to be free from defects in materials and workmanship. However, should an M-Series Printhead display an obvious defect or exhibit a significant degradation of print quality prematurely, Printhead may be returned for replacement.

Returns for these conditions can be made:

- Up to 12 months after shipping date from Astro Machine Corp. *and*
- Printhead's “**Total pages printed**” = 40,000 or fewer pages (*at 15% page coverage*), whichever comes first.

This return policy excludes damage due to mishandling, tampering or misuse, improper storage or transport, or material incompatibility*.

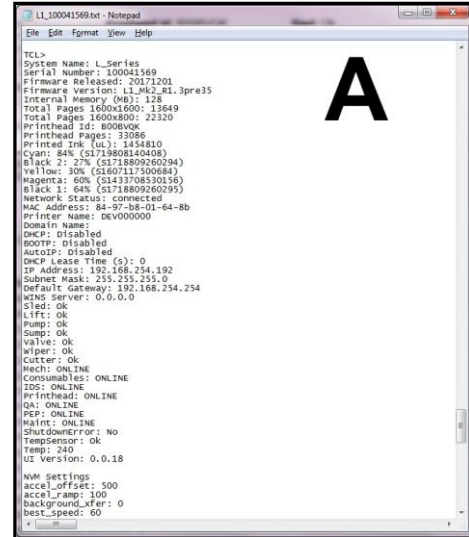
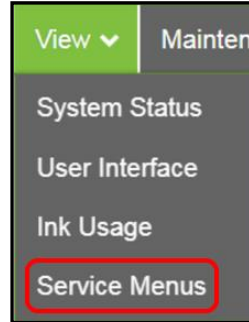
***See “Printhead Installation” and “Replacement” sections of this manual.**

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Return Procedure:

1. Make sure Printer is powered up and connected via USB or network.

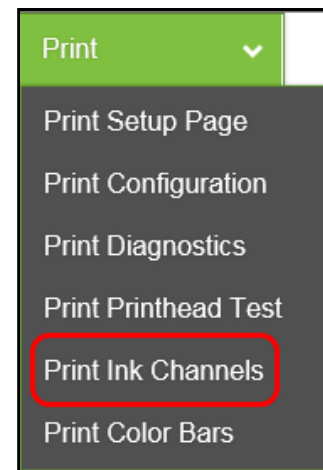
To check Printhead Page count: Open “View” drop-down menu in the computer's **Toolbox**. Select “Service Menus”. The “Diagnostics” screen opens. Select “Upload Debug Log”. Open and print the file [A] to include with your return.



2. **Open Printer Toolbox.** Open “Print” drop-down menu and tap or click the “Print Ink Channels”.



Ink Channels Printout



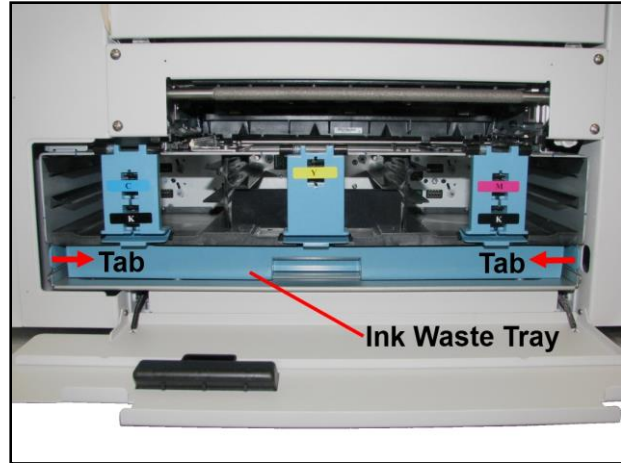
3. Remove Printhead Cartridge from Printer per replacement instructions found in Operator's Manual.
4. Snap Printhead back into orange plastic protective cover it was shipped in. **IMPORTANT! Make sure all foam pads that came with protective cover are installed and in place (two versions shown in images at right).**
5. Reseal Printhead and Cover in a plastic bag (reuse and reseal original packaging if possible).
6. Place Printhead, Printhead Page Count printout and Ink Channels printout in a shipping box. Remember to include your company name, contact information and return address as well.
7. Return to your Astro Machine distributor.



Replacing Ink Waste Tray

Ink Waste Tray soaks up any excess ink that may drip from Print Engine during operation. After a period of time it may become saturated and need replacement.

1. Open Ink Tank Door.
2. Push in on Tabs to release Ink Waste Tray and remove it from unit.
3. Replace with a new Ink Waste Tray.

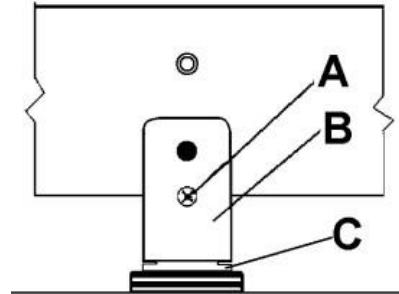


Replacing Sheet Separators

Sheet Separators ensure separation of pieces as they are being fed. If experiencing double sheet feeding and cannot adjust Separators to prevent it, replace Separators.

Replacing Sheet Separators is not difficult:

1. Turn Printer OFF and unplug it from power source.
2. Release Separator by loosening Locking Knob and moving Media Side Guides to maximum opened position.
3. Lower Separators so they touch Feed Roller.
4. Remove screw [A] and Separator Cover [B]. Remove Separator [C] by prying it out of Holder.
5. Install a new Separator and reinstall Separator Support and screw.
DO NOT overtighten screw to prevent distorting or damaging Separator.



SECTION 4 MAINTENANCE

Jams in Printer

If a jam occurs, **STOP the Printer**. Some possible causes for jamming are:

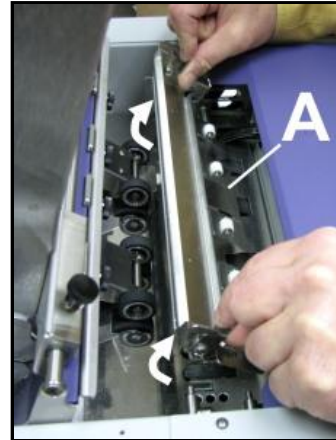
1. Feeding more than one piece of media (*double-feeding*).
2. Damaged media, such as dog-eared (*turned down corners*).
3. Media that is not stiff enough may not be usable. Media that meets Postal stiffness requirements for automated feeding is acceptable in Printer
4. Envelopes caught under flap of another envelope or stick to one another.

Removing Jammed Media

Clearing a jam depends on where jam occurred.

Feed Section: Clear by pulling media out of Separators.

Antistatic Brush Assembly: If necessary, remove Antistatic Brush Assembly [A] to access jammed material. Unlatch two latches (*one on either side of Assembly*) and lift Assembly off four mounting pins (*as shown*). **Do not bend brushes!** Clear jam, then carefully reinstall Brush Assembly.

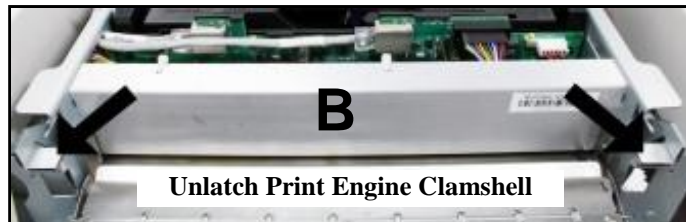


CAUTION

DO NOT BEND, PINCH OR CUT INK LINES LOCATED DIRECTLY IN FRONT OF BRUSH ASSEMBLY.

NOTE: Make sure Brush Assembly is correctly reinstalled and aligned before starting to print. Assembly should sit flat on transport area surface.

Print Engine Area: Open Top Cover. Release and lift two latches [B] (*one on each side of Print Engine Clamshell*) at **same time** to raise Clamshell [C]. Clear jam, then carefully lower and relatch Clamshell. Close Top Cover.



CAUTION

HOLD ONTO BOTH LATCHES WHEN OPENING AND CLOSING PRINT ENGINE CLAMSHELL TO PREVENT DAMAGE.
DO NOT ALLOW CLAMSHELL TO DROP OR SLAM CLOSED.
TO PREVENT DAMAGE TO INK LINES, A STOP LIMITS RAISING CLAMSHELL MORE THAN 60°.



Misfeeds

Misfeeds can be corrected by readjusting Sheet Separators to media or replacing them. See **“Replacing Sheet Separators”** on previous page.

Cleaning

WARNING!

PRINTER IS A PRECISION MACHINE. CLEAN REGULARLY TO INSURE MANY YEARS OF SERVICE. BEFORE PERFORMING ANY MAINTENANCE, DISCONNECT MACHINE FROM ITS POWER SOURCE!

DO NOT REMOVE SIDE COVERS! HIGH VOLTAGES PRESENT.

Clean Printer regularly to remove accumulated paper dust and ink. Depending on types of media run, paper dust may accumulate inside Printer and on Transport.

1. Turn Printer OFF and unplug it from power receptacle. Then open or remove Covers.
2. **Interior:** Use a vacuum with a soft brush attachment or a can of compressed air to help loosen dust particles. **NOTE: Be careful around ink tray and capping station** in Print Engine area as accumulated ink may splash onto other parts of Printer. Take care not to damage PC Boards or electrical wiring.
3. **Exterior:** Wipe clean with a lint-free cloth using any standard nonabrasive household cleaner that does not contain plastic-harming solvents.

CAUTION

NEVER SPRAY OR POUR CLEANERS DIRECTLY ON OR INTO PRINTER. EXCESS LIQUID COULD HARM ELECTRONIC PARTS. DAMPEN A LINT-FREE CLOTH WITH THE CLEANER AND APPLY IT TO PARTS TO BE CLEANED.

Feed Rollers and Forwarding Rollers

Feed and Forwarding Rollers can become glazed with paper lint and ink from media. Clean regularly with a mild abrasive household cleaner on a damp lint-free cloth.

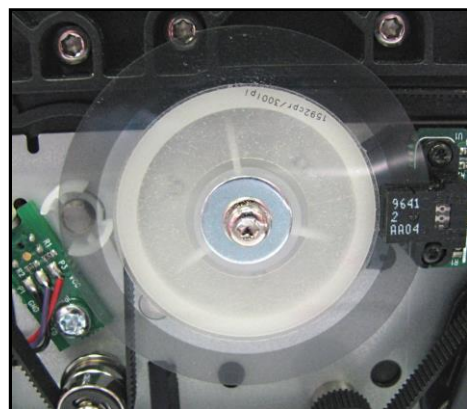
NOTE: Avoid using solvents on Rubber Rollers.

Encoder Wheel

If your machine has this type of Encoder Wheel in Print Engine Area (*see picture at right*), excess ink spray or splashes may accumulate on disk. This may disable Printer and issue a “**DATA_PATH_UNDERRUN**” error in Toolbox. It is necessary to wipe off any excess ink spray or splashes to continue optimum performance.

Clean with distilled water on a damp, lint-free cloth by grasping wheel lightly with cloth and turning shaft.

Take care not to damage Encoder Wheel.

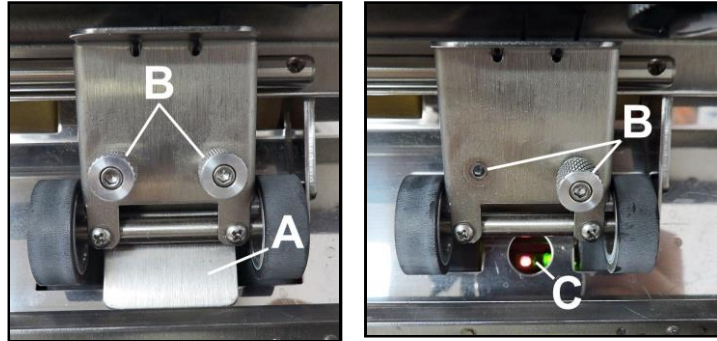


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Feed Sensor

The Feed Sensor is located under the Reflector Plate [A] mounted on the Wheel Assembly just behind the Sheet Separators.

1. Remove the Reflector Plate by removing the two thumbscrews [B]. Push Plate out of the way.
2. Use compressed air to blow paper dust and debris off of Sensor [C] (located below the opening under the Reflector Plate.)



NOTE: Can also use a damp cotton swab to wipe dust and debris.

3. Realign the mounting holes on the Reflector Plate with the mounting holes on the Wheel Assembly. Reinstall and tighten the two thumbscrews.

Print Engine

Areas in Print Engine can become glazed with a buildup of dust, paper lint and accumulated ink and have to be cleaned regularly. Open Top Cover. Open Clamshell Assembly by releasing two latches. Use a vacuum to pick up any loose debris.

NOTE: Be careful around Ink Tray and Capping Station in Print Engine area as accumulated ink may splash onto other parts of Printer. Take care not to damage PC Boards or electrical wiring.

CAUTION

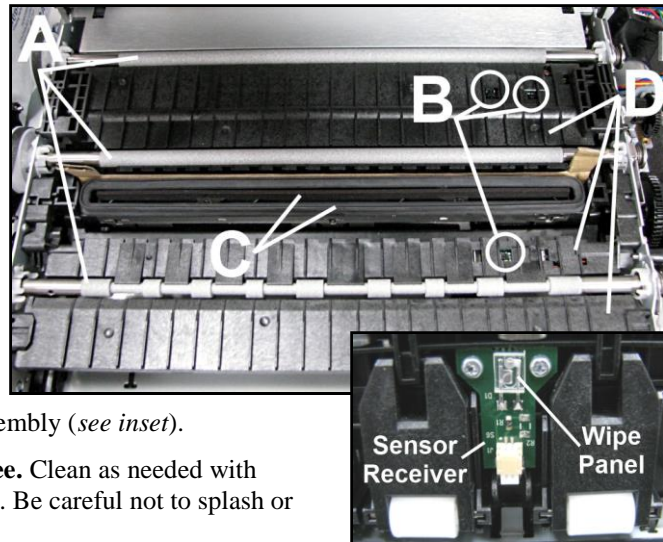
USE ONLY DEIONIZED/DISTILLED WATER TO CLEAN PRINT ENGINE COMPONENTS. AVOID CONTAMINATING PRINTHEAD WITH CLEANERS, LUBRICANTS OR OTHER CHEMICALS.

[A] Grit Rollers: Clean as needed by moistening a small hard-bristled brush or toothbrush with distilled water. **DO NOT** use anything other than distilled water to clean Rollers.

[B] Media Sensors: Paper lint and dust may build up on Media Sensors. Use a can of compressed air or a damp (*not wet*) foam or lint-free cotton swab to gently swab Sensors. Take care not to drip water into Circuit Boards. Use a clean, dry swab to dab surfaces dry. Remember to wipe clear panel over Sensor Receiver in upper Printhead Assembly (*see inset*).

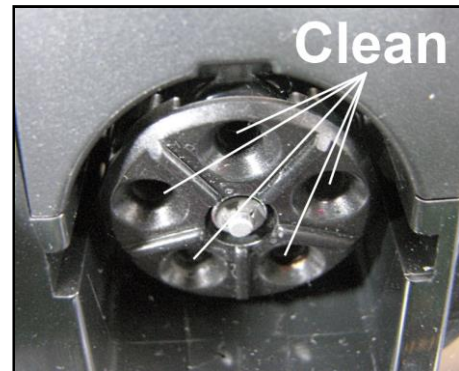
[C] Capping Station Seal and Squeegee. Clean as needed with distilled water on a damp, lint-free cloth. Be careful not to splash or drip ink on other parts of Printer.

[D] Printing Platen. Wipe with distilled water on a damp, lint-free cloth. Pat dry with a lint-free cloth.



Cleaning Ink Revolver Couplings

1. **First Deprime system and remove Printhead Cartridge.**
2. Moisten a foam swab in distilled water.
3. Insert swab into one of ink channels and rotate swab to clean chamber.
4. Use a new swab for each of remaining ink channels until all 10 openings are clean.
(5 on each side.)

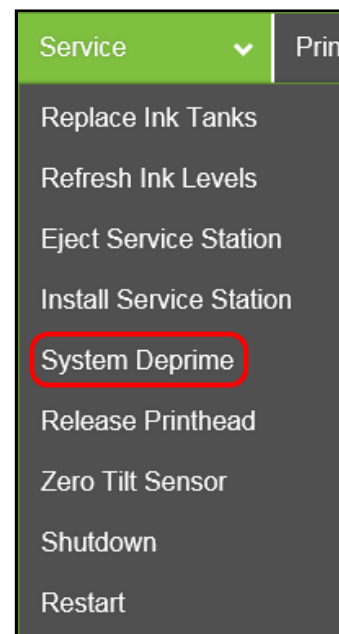


Shipping or Transporting Printer

If you have to ship or transport Printer for any reason, unit will have to be prepared. Once Printer is prepared, carefully package Printer, Printhead Cartridge, Service Station and Ink Tanks in original packaging.

Deprime System

1. Open **Toolbox**. Select the “**Service**” drop-down menu. Select “**System Deprime**”.
(*Depriming forces all ink to return to Ink Tanks.*)

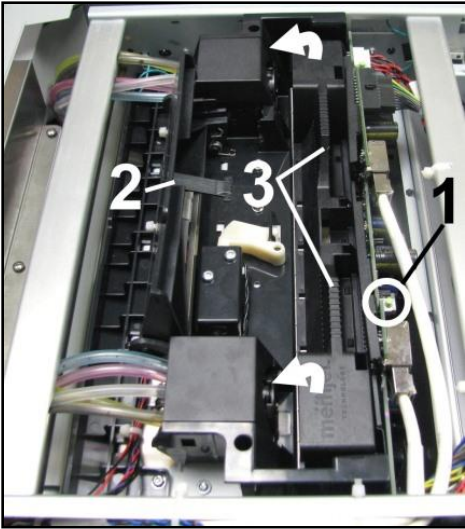


Remove Printhead Cartridge

1. **Open Top Cover.** Press Printhead Latch Release Button [1]. Printer pumps any ink in system back into Tanks. Then Printhead Latch pops open [2]. **NOTE: Perform this same function from your computer by opening the Printer Toolbox. Select the “Service” drop-down menu, then select “Release Printhead” in the Printer Toolbox.**

CAUTION

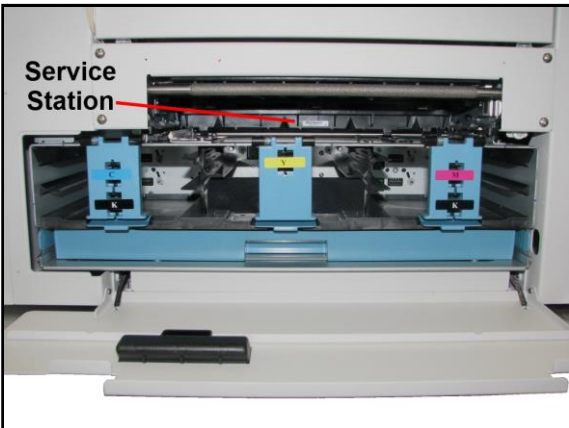
DO NOT PRY OR MANUALLY LIFT PRINTHEAD LATCH OR LATCH MAY BREAK. ONLY OPEN LATCH USING PRINTER'S RELEASE BUTTON OR PRINTHEAD RELEASE COMMAND IN PRINTER TOOLBOX.



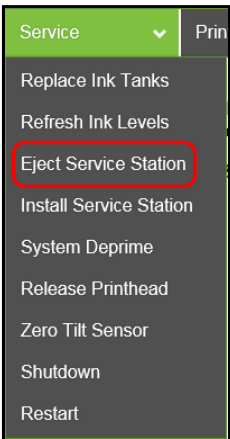
2. Make sure Printhead Latch is fully opened to retract ink lines. Remove Printhead Cartridge by tilting it toward ink lines [3], then carefully lift it out of Printhead Compartment.
3. Pack Printhead Cartridge area with absorbent towels to catch any ink drips or spills. Carefully pack Cartridge using original packaging.

Remove Service Station

1. **Open Front Cover (hinged at bottom).** Open Top Cover.
Release two latches and open Print Engine Clamshell. Service Station will not fully eject with Clamshell closed.



2. **Open Printer Toolbox.** Open “Service” drop-down menu. Select “Eject Service Station”. Once Printer pushes Service Station out, turn the Printer OFF.



TURN PRINTER POWER OFF.

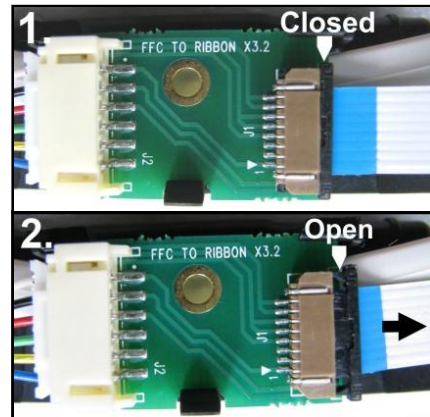
CAUTION
<p>WHENEVER POWERING DOWN UNIT, ALWAYS:</p> <ol style="list-style-type: none"> 1. PRESS POWER BUTTON ON CONTROL PANEL. 2. WAIT FOR PRINTER TO STOP PROCESSING. 3. THEN PRESS MAIN POWER SWITCH ON REAR PANEL.

3. Carefully slide Service Station out of Service Station port.
NOTE: Do not pull Service Station all the way out until you disconnect Ribbon Cable.

NOTE: Place an absorbent towel under Service Station before removing it to catch any drips or leaks.

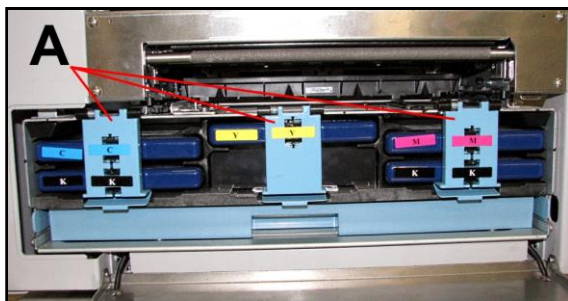


4. **Disconnect Ribbon Cable.**
Slide Latch open on Service Station Circuit Board to release Ribbon Cable. **Remove Service Station.**



Remove Ink Tanks

1. Open Front Cover (*hinged at bottom*). Unlatch three Locks [A] and pull Ink Tank(s) out of Printer.
2. Carefully package Ink Tanks in original packaging.
IMPORTANT: Make sure ink seals on Ink Tanks face up to prevent leakage.
3. Pack Ink Tank bays with absorbent towels to catch any ink drips or spills.



PRINTER MAINTENANCE SCHEDULE

General, periodic maintenance is needed to keep Printer in good working order. Many tasks can be performed by operators with basic supplies, no special tools needed. Other tasks should only be performed by trained service personnel. **NOTE:** High volume usage may require more frequent maintenance.

Maintenance Supplies & Equipment: Flashlight, small telescoping mirror, hard-bristled toothbrush or equivalent, powder-free nitrile gloves, protective clothing and eyewear, small flathead screwdriver, tweezers, vacuum with wand, deionized distilled water, Super Lube 21030 synthetic grease (*or equivalent*), Loctite 38650 copper anti-seize (*or equivalent*), can of compressed air, foam or lint-free cotton swabs, lint-free wipes, disposable shop towels.

COMPONENTS/TASKS	MAINTENANCE TYPE				
	DAILY	BI-WEEKLY	MONTHLY	YEARLY	AS NEEDED
PERFORMED BY OPERATOR					
Printhead (Manual Wiping)					WIPE
Ink Revolver Couplings and Connections: Inspection/Cleaning					EVERY PRINthead REMOVAL
Residue and Debris Removal	CLEAN	CLEAN	CLEAN	CLEAN	CLEAN
Optical Sensors (Media Path)		CLEAN	CLEAN	CLEAN	
Wiper Assembly: Inspection		INSPECT	INSPECT	INSPECT	
Grit Rollers (Media Path)			INSPECT	CLEAN	
Ink Tank Latches/Ink Bay				INSPECT	
Ink Tubing, Couplings, Components			INSPECT	INSPECT	
Ink Waste Tray			INSPECT	INSPECT	REPLACE
Lift Motor Gear			INSPECT	INSPECT	
PERFORMED BY SERVICE TECHNICIAN					
Lubrication				APPLY	
Pen Driver PCA Contacts: Cleaning					EVERY PRINthead REMOVAL
Moving Parts/Motor				TEST	
Service Station Sled Assembly				CLEAN	
Wiper Assembly: Cleaning				CLEAN	

WARNING!

ALWAYS POWER DOWN PRINTER BEFORE CONNECTING OR DISCONNECTING ANY WIRING HARNESSES OR CABLE CONNECTIONS TO AVOID SERIOUS SHOCK OR INJURY.

CAUTION

- ALWAYS USE APPROPRIATE PERSONAL PROTECTION EQUIPMENT (PPE).
- USE ELECTROSTATIC DISCHARGE (ESD) PROTECTION WHEN MAINTAINING EQUIPMENT.
- DISPOSE OF ALL MAINTENANCE WASTE IN ACCORDANCE WITH LOCAL REGULATIONS.