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# Cleaning

## Cleaning System



### Caution • PROTECT YOUR FACTORY WARRANTY!

The recommended maintenance procedures must be performed to maintain your factory warranty. Other than the recommended cleaning procedures described in this manual, allow only Zebra authorized technicians to service the P120i Printer.

- **NEVER** loosen, tighten, adjust, or bend, etc. a part or cable inside the printer.
- **NEVER** use a high pressure air compressor to remove particles in the printer.

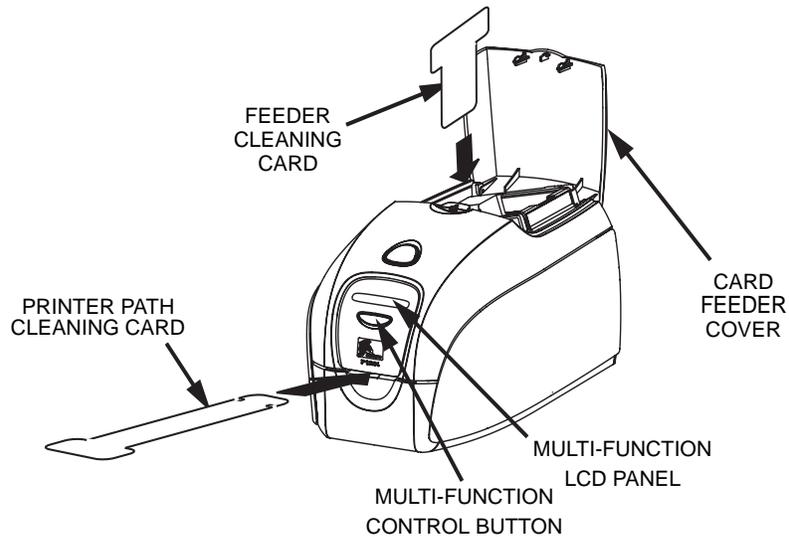
Your P120i Printer includes a simple cleaning system using Pre-Saturated Cleaning Cards provided. The regular use of these cards will clean and maintain important parts of your printer that cannot be reached: including Print Head., the Transport Rollers, and the Magnetic Encoder Station (optional feature).

## When to Clean

After approximately 1000 color cards have been printed, the printer LCD will prompt **CLEAN PRINTER**, or when print quality has been degraded.

## How to Clean

1. Leave power on.
2. Press and hold the Multi-Function Control Button for 5 seconds.
3. When the cleaning cycle is initiated, the LCD message **REMOVE RIBBON THEN CLOSE LID** will display.
4. After the ribbon is removed and the lid is closed, the message **EMPTY FEEDER THEN CLOSE COVER** will display.



5. If the lid is opened and closed without removing the ribbon, the **REMOVE RIBBON THEN CLOSE LID** message will remain.
6. Once the cover is closed, the firmware will eject any card inside the printer. The message **EJECTING CARD** will display.
7. The LCD will then display **FEED LONG CLEANING CARD IN EXIT**. When the card sensor registers the presence of the cleaning card, the rollers should take the card into the printer.
8. When the cleaning process is done, the printer will eject the cleaning card. If the card sensor still senses the cleaning card, the message **REMOVE LONG CLEANING CARD** will display.
9. Once the long cleaning card is no longer sensed by the exit card sensor, the message **INSERT FEEDER CLEANING CARD** will display. Open the feeder cover and insert the feeder cleaning card.
10. When the feeder cleaning card has been sensed by the feeder card sensor, the message **CLOSE FEEDER COVER** will display.
11. When feeder cleaning is complete, the message **REMOVE FEEDER CLEANING CARD** will display.
12. After the card is removed, the LCD will display **READY**. You may now reload the ribbon and cards and continue printing.

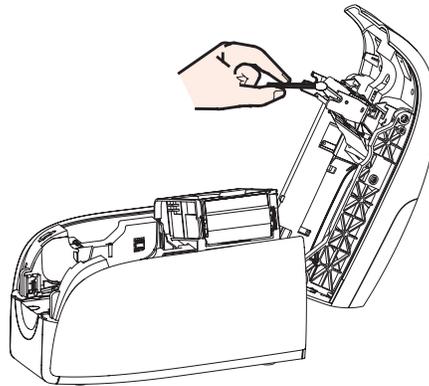
## Cleaning the Print Head

Use of the cleaning cards will normally do an adequate job of cleaning the printer. However, a separate Print head cleaning, using swabs, can remove more stubborn deposits when print anomalies persist. To avoid deposits, only use foam-tipped swabs.



**Caution** • Never use a sharp object to scrape deposits from the print head. Permanent damage to the print head will result

1. Place the printer power switch in the OFF (0) position.
2. Open printer lid by pressing cover release button and open cover fully to reveal print head mounted to inside of cover.



3. Clean Print Head by moving alcohol-moistened swab tip side-to-side across Print Head elements. Only use moderate force.
4. Allow two to three minutes for the printhead to dry before placing the printer power switch in the ON (|) position.
5. To reorder swabs, reference the P120i Printer Media List.