



Cleaning

Caution • PROTECT YOUR FACTORY WARRANTY!



The recommended cleaning 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 Printer.

NEVER loosen, tighten, adjust, bend, etc., any part or cable inside the printer.

NEVER use a high pressure air compressor to remove particles in the printer.

Cleaning the Printer

Clean your Printer using the Cleaning Cards provided. The regular use of these cards will clean and maintain important parts of your printer that cannot be reached, including the Printhead, Transport Rollers, and optional Magnetic Encoder Station.

When to Clean

- X-Roller and Y-Roller cleaning should occur every 5,000 cards.
- Heated Roller cleaning should occur every 20,000 cards. Note that a Heated Roller Cleaning Card is not supplied with the printer; order Zebra Cleaning Card Kit P/N 105999-001.

Cleaning the Rollers



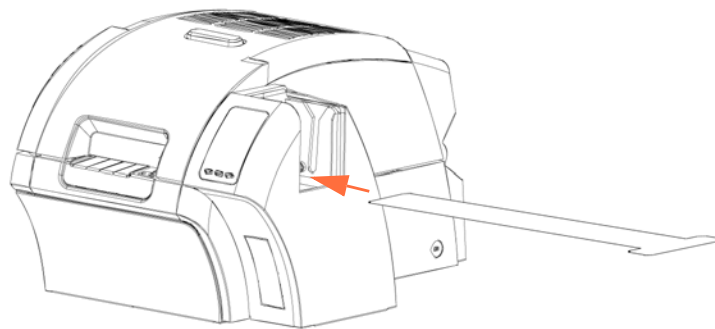
Note • Do not use previously used cleaning cards.

Step 1. Initiate the cleaning process.

- a. Press the MENU button on the Operator Control Panel (OCP). The OCP will display the Main Menu.
- b. Scroll through the Main Menu, and select Advanced Settings. The OCP will display the Advanced Settings Menu.
- c. Scroll through the Advanced Settings Menu, and select Clean Printer. The OCP will display the Clean Printer Menu.

Step 2. Clean the X-Drive Rollers.

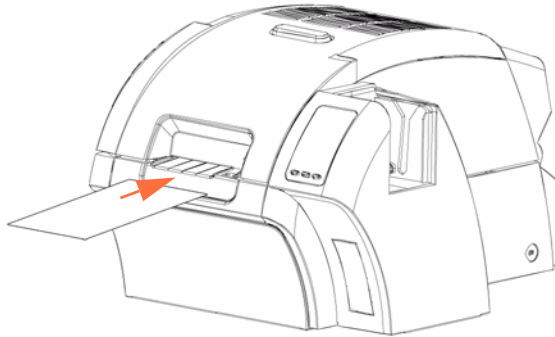
- a. Select *Clean Card Side Path* to run the X-Roller Cleaning Routine.
- b. Use X-Path Cleaning Card P/N 211973-001.
- c. Follow the OCP instructions.



- d. When complete, the OCP will return to the Clean Printer Menu.

Step 3. Clean the Y-Drive Rollers.

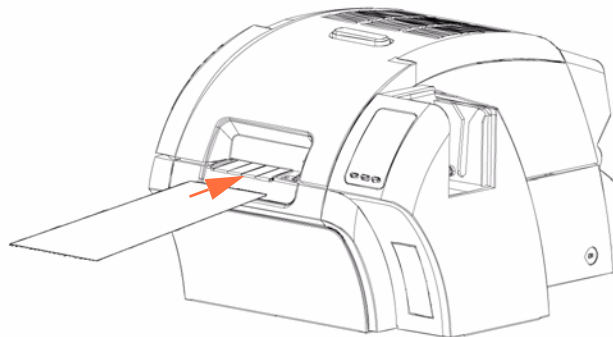
- a. Select *Clean Card Front Path* to run the Y-Roller Cleaning Routine.
- b. Use Y-Path Cleaning Card P/N 211974-001.
- c. Follow the OCP instructions.



- d. When complete, the OCP will return to the Clean Printer Menu.

Step 4. Clean the Heated Rollers.

- a. Select *Clean Heated Roller Path* to run the Heated Roller Cleaning Routine.
- b. Use Heated Roller Cleaning Card P/N 211975-001.
- c. Peel the protective film from the card.
- d. Follow the OCP instructions.



- e. When complete, the OCP will return to the Clean Printer Menu.
- f. Then use the Heated Roller Cleaning Card to clean the Platen; see [page 72](#).

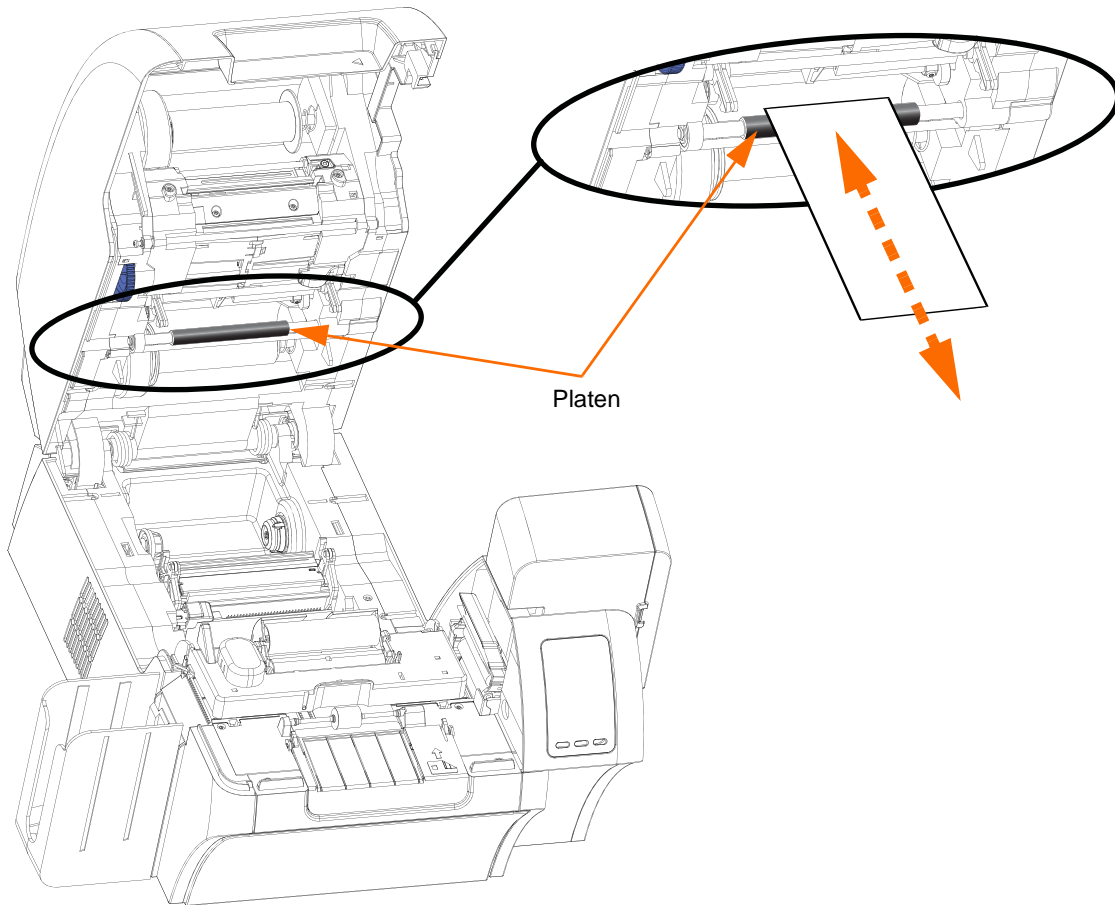
Exit the Printer Menus by selecting RETURN at each menu level (Clean Printer Menu, Advanced Settings Menu, and Main Menu).

Cleaning the Platen

Step 1. Open the printer Door.

Step 2. Remove the Transfer Film.

Step 3. Manually run the Heated Roller Cleaning Card (P/N 211975-001) over the Platen.



Step 4. Re-install the Transfer Film.

Step 5. Close the printer Door.

Cleaning the Printhead

Printhead cleaning removes deposits when print anomalies persist. To clean, only use foam-tipped swabs.



Caution • Never use a sharp object or any abrasive to scrape deposits from the Printhead. Permanent damage to the Printhead will result.



Caution • Do not touch the Printhead if the printer has been in service in the last 10 minutes. It could be very hot and cause a burn.

- Step 1.** Place the printer power switch in the OFF () position.
- Step 2.** Open the Door, and remove the print ribbon.
- Step 3.** Bend the Cleaning Swab to release the cleaning fluid.
- Step 4.** Clean Printhead by moving Cleaning Swab tip side-to-side across the Printhead elements. Only use moderate force. To re-order Cleaning Swabs, see the Media List on the **User Documentation and Drivers CD** supplied with this printer.
- Step 5.** Reinstall the print ribbon, and close the Door.
- Step 6.** Place the printer power switch in the ON () position.