FutureLogic®
printing & couponing solutions

Printer Cleaning Guide

GEN2™, GEN2 Universal™, and GEN3 Evolution® Printers

GEN2: PSA-66-ST2R (RS232); PSA-66-ST2N (Netplex)

GEN2 Universal: PSA-66-ST2RU (RS232/USB); PSA-66-ST2NU (Netplex/USB)

GEN3 Evolution: PSA-66-ST3

English (US)

Printer Cleaning Guide

GEN2™, GEN2 Universal™, and GEN3 Evolution® Printers

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11/14/2012

MNL-000054

REV.D

CE

The products described in this manual is in compliance with all applied CE standards.

The GEN2 Netplex printer (PSA-66-ST2N) and the GEN2 Universal Netplex printer (PSA-66-ST2NU) are in compliance with the Netplex protocol of IGT.

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1 Guide Overview

Introduction

This Guide provides the procedures and instructions for cleaning FutureLogic printers as identified in the Applicability section.

Intended Audience

The intended audience for this Guide: Operators and Technicians.

Applicability

This Guide covers the GEN2™, GEN2 Universal™, and GEN3 Evolution® Printers.

Conventions Used in this Document

This document uses the following conventions:

Example	Description
	This is a note. A note includes information that emphasizes or supplements important points of the topic.
	This is a tip. A tip provides techniques and procedures to aid with a task.
	This is a caution/warning. A caution/warning emphasizes information that may cause damage to equipment and/or injury to a person.
Bold text	This document uses bold text to clearly identify a field, a tab, a command selection, and an option selection. For example, click the **Site** name.
Button	This document uses button style to clearly identify a button to click. For example, click **OK**.

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2 Printer Cleaning

Introduction

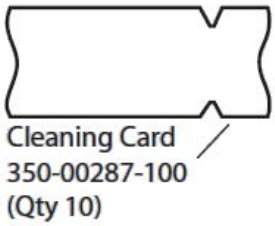
This chapter covers cleaning the printer. Most illustrations show a GEN2 Universal printer. Wherever there is a difference for the GEN3 Evolution printer, additional illustrations are shown.

Cleaning and Maintenance Do's and Don'ts

Media Storage	**Do Not** store spare media (tickets) stacks inside the game. Ambient heat within the game may cause stored tickets to experience print quality and/or paper jam issues over time.
Cleaning Tools	**Do Not** use sharp or abrasive objects when cleaning the Print Head, Platen Roller, Pinch and Presenter Rollers.
Cleaning Materials	**Do Not** use non-approved cleaners or detergents.
Cleaning Card	**Do Not** use the Cleaning Card more than once.
Cleaning Swab	**Do Not** use the Cleaning Swab more than once.
Cleaning Wipe	**Do Not** use the Cleaning Wipe more than once.
Cleaning Frequency	**Do** use the Cleaning Card method every 3 months. (See *page 4*.)
	Do perform the manual cleaning method generally two (2) times per year or as required depending upon game and media conditions. (See *page 6*.)
Cleaning Material	**Do** use FutureLogic approved Cleaning Cards, Cleaning Wipes, and Cleaning Swabs.

Required Cleaning Supplies

The Printer Cleaning Kit (P/N 350-00292-100) contains 10 each of Cleaning Swab, Cleaning Wipe, and Cleaning Card.



Use the Cleaning Swabs and Cleaning Wipes with the Manual Cleaning Method. (See *page 6*.)

Additionally, have on hand if needed:

- Isopropyl Alcohol (I.P.A.) 99% or greater
- Compressed Air to blow out dust from the print mechanism and sensors

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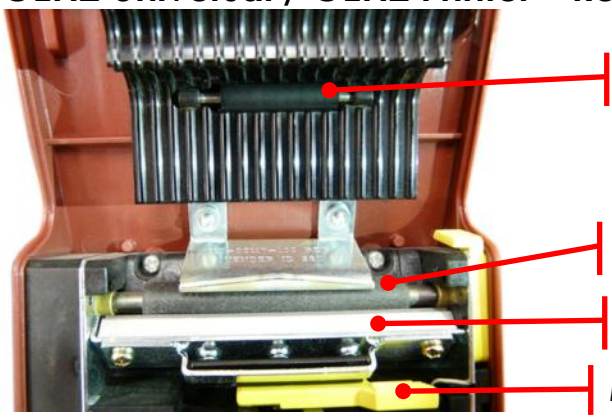
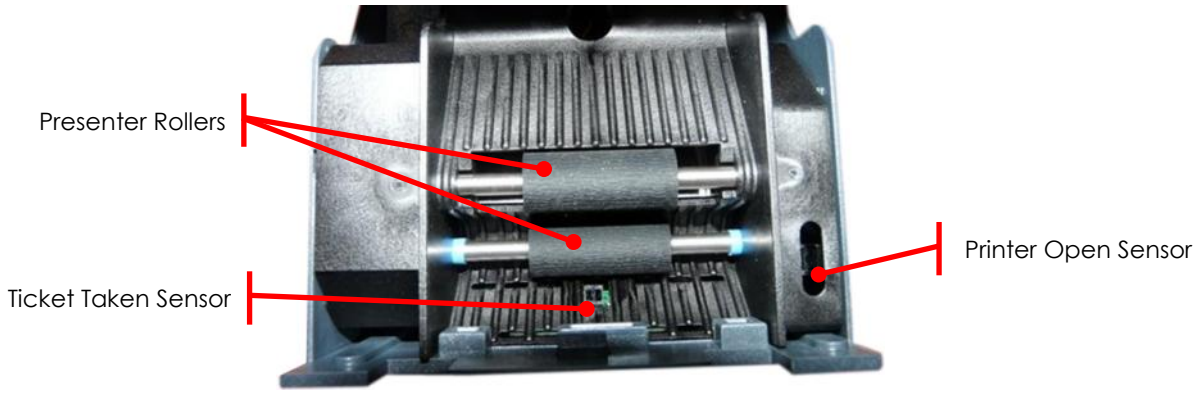
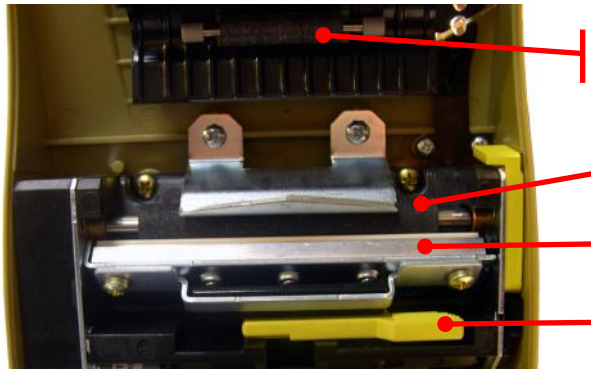
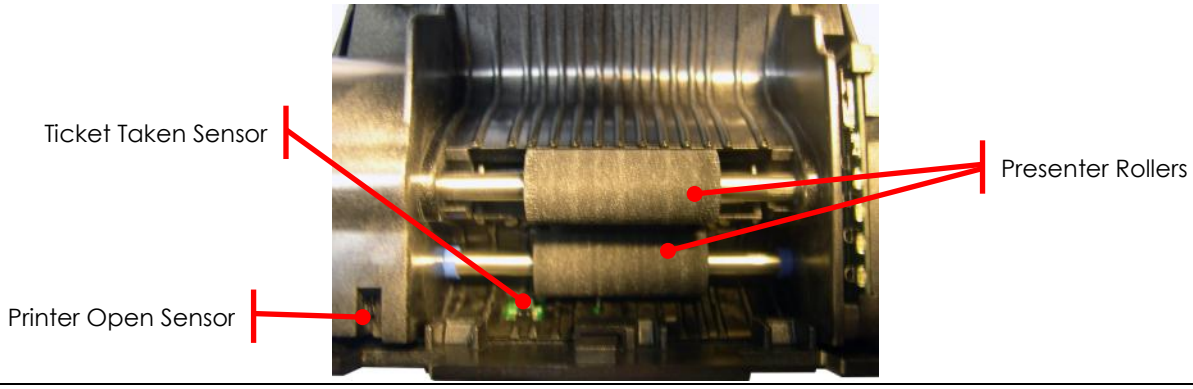
GEN2 Universal / GEN2 Printer – Reference Points for Procedures





GEN3 Evolution Printer – Reference Points for Procedures





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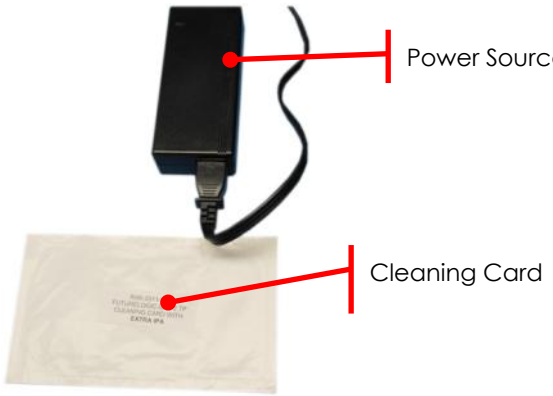
Cleaning Card Method

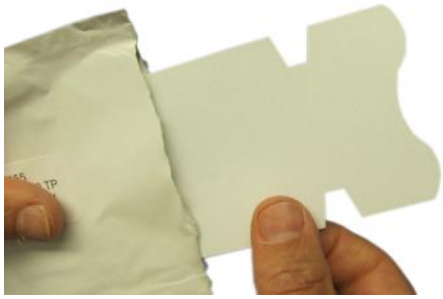
Use these procedures to quickly clean the Paper Path and Sensors. Perform these steps every three (3) months or as necessary.

Note: Steps 1 and 2 apply only if the printer is in a game.

1. Slide the printer out.
2. Remove any loaded tickets from the printer.

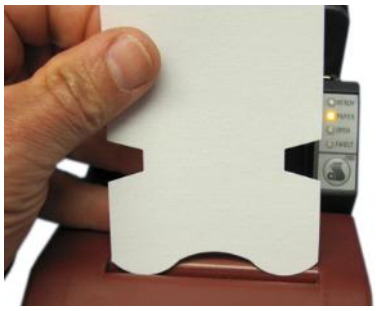


3. Confirm that the printer has power.



4. Remove the Cleaning Card from the packaging.

Note: This custom Cleaning Card is made for the printer sensors and for feeding through the Paper Path.



5. Insert the Cleaning Card into the Paper Loading Slot.

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The printer will feed the Cleaning Card to the loading point.

6. Press the **FEED** button on the Keypad to feed the Cleaning Card through the Paper Path.

The Cleaning Card advances to this position.

7. Remove the Cleaning Card.

Tip: Flip over the Cleaning Card and feed through the printer for a second cleaning cycle.

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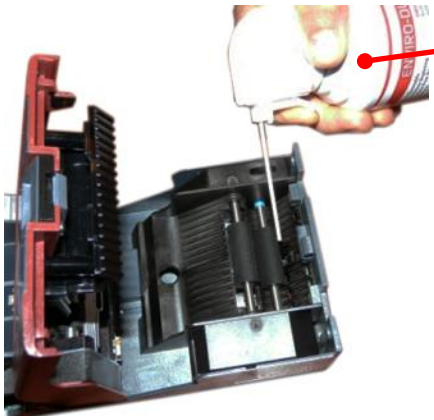
Manual Cleaning Method

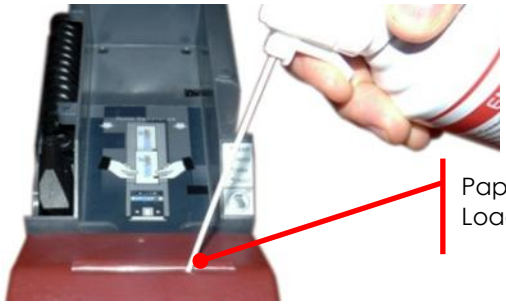
Use these procedures for manually cleaning the Paper Path. Perform these steps every six (6) months or as necessary.

Note: Steps 1 and 2 apply only if the printer is in a game.

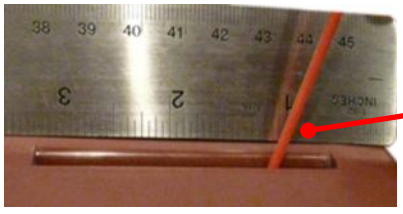
1. Slide the printer out.
2. Remove any loaded tickets from the printer.



3. Use compressed air to blow out any excessive dust and dirt in the presenter compartment, including the Presenter Rollers and Ticket Taken Sensor, etc.



4. Position the compressed air nozzle within the Paper Loading Slot to blow out any excessive dust and dirt from the Paper Out (Black Index Mark) Sensor (not visible).



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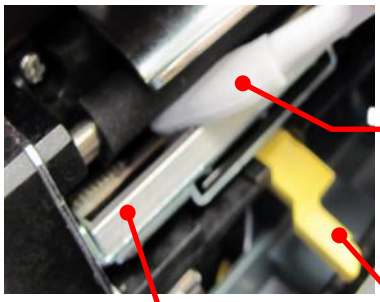
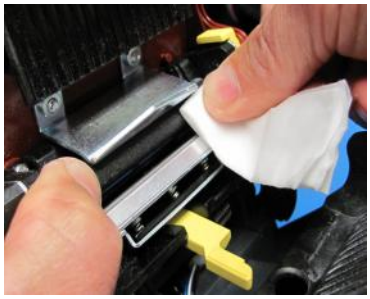


5. Pull open the Main Release Lever before cleaning the Print Head and Platen Rollers.

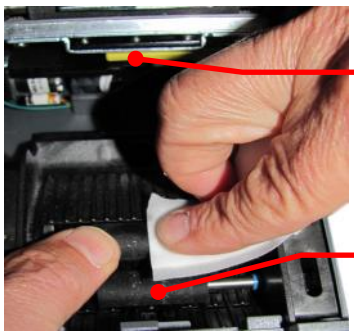
WARNING!! Use care when cleaning the Print Head print-line.

6. Use the Cleaning Swab to clean across the Print Head print-line). Use this same Cleaning Swab to clean the sensors (see *page 8*).

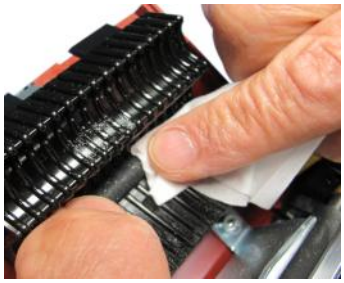
   If a Cleaning Swab is not available, use a clean Cleaning Wipe to avoid placing dirt and contaminants on the Print Head.



7. Use the Cleaning Wipe to wipe and clean the Platen Roller.
8. Rotate the Platen Roller.
9. Repeat steps 7 and 8 until the entire roller is clean.



10. Push the Main Release Lever back to the Close position.
11. Use the Cleaning Wipe to wipe and clean the Presenter Rollers.
12. Rotate the Presenter Rollers.
13. Repeat steps 11 and 12 until both rollers are clean.



14. Use the Cleaning Wipe to wipe and clean the Upper Pinch Roller.
15. Clean the sensors. See *page 8*.

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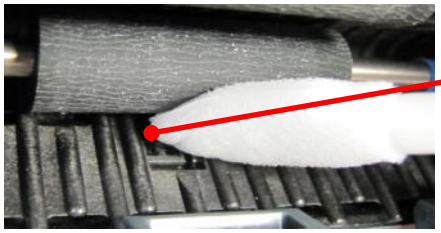
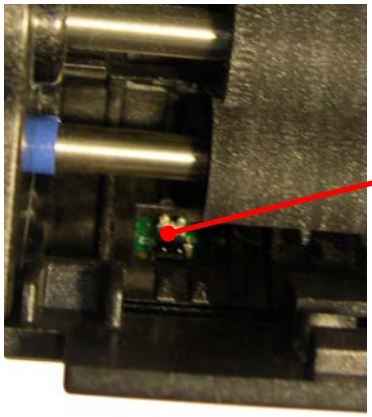
Sensor Cleaning (Ticket Taken, Paper Low, Lid Open)

Use these procedures to clean the sensors. Perform these steps every six (6) months or as necessary.

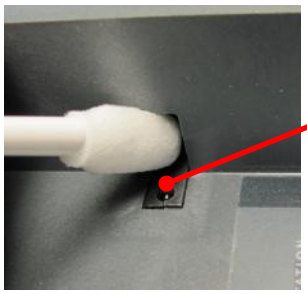


GEN2 Universal / GEN2
Ticket Taken Sensor

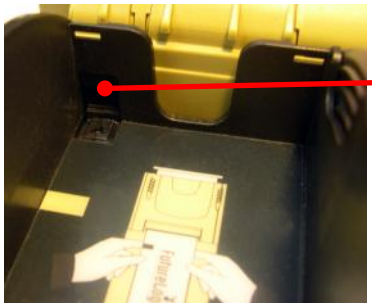


GEN3 Evolution
Ticket Taken Sensor

1. Use the Cleaning Swab to wipe across the surface of the Ticket Taken Sensor.



GEN2 Universal
New Style Paper Low Sensor



GEN3 Evolution
Paper Low Sensor

2. *(New style Paper Low Sensor)* Use the Cleaning Swab to clean the upper and lower portions.

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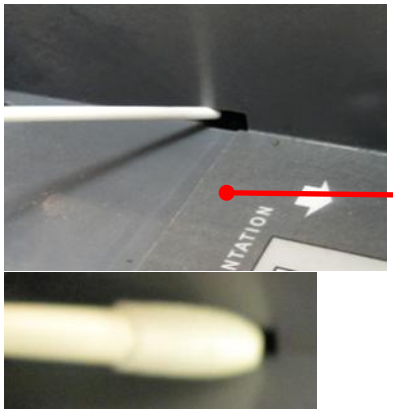
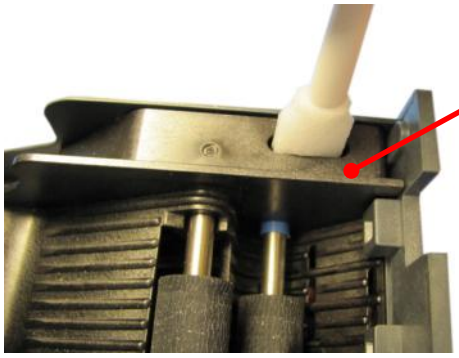
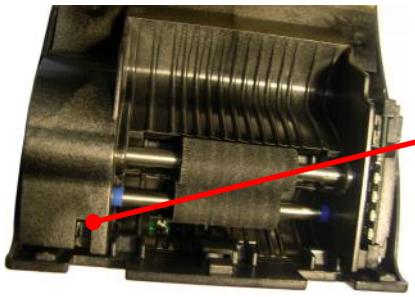


GEN2 Universal / GEN2 *(Old Style Paper Low Sensor)* Use Compressed Air or the Cleaning Swab.



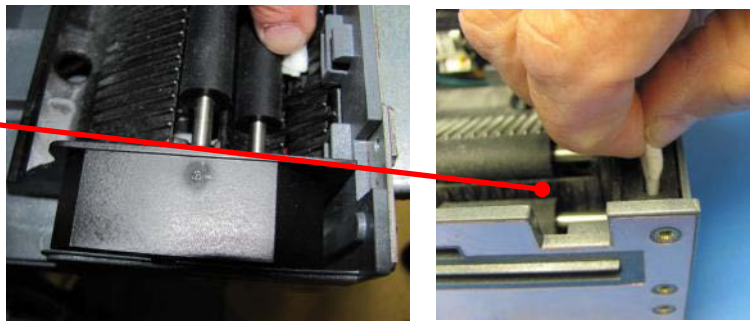
GEN2 Universal / GEN2

3. Clean the Printer Open Sensor.



GEN3 Evolution

Tip: If the Cleaning Swab is not available, use the Cleaning Wipe. Fold the Cleaning Wipe to fit; then clean all the required sensor surfaces: Ticket Taken Sensor, Printer Open Sensor, Paper Low Sensor (not shown), etc.



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