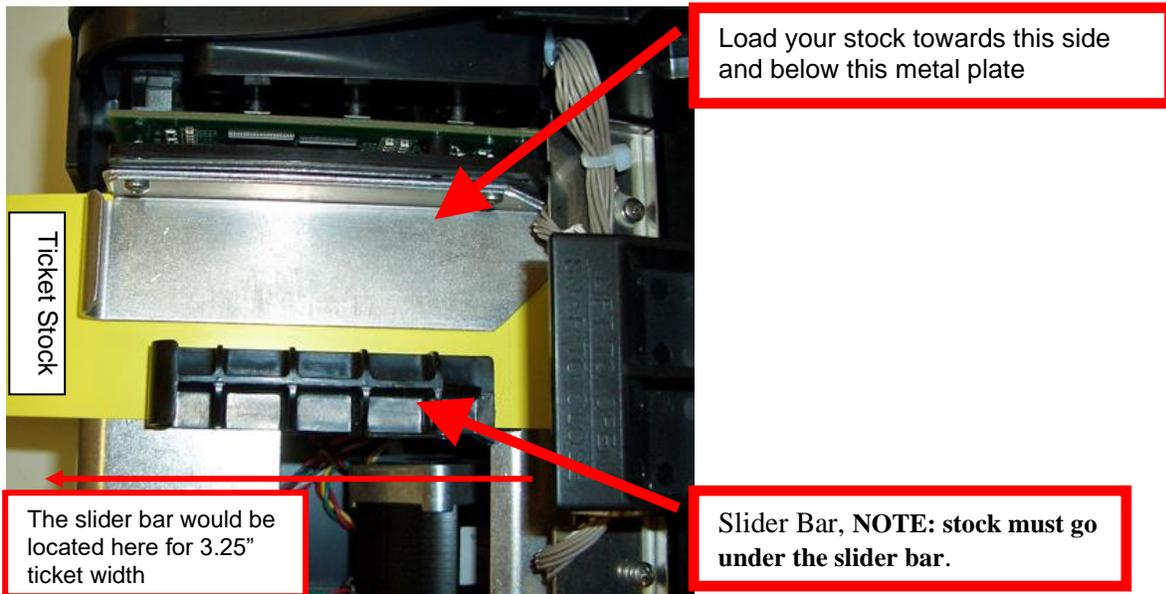


Routine Cleaning Procedures Lemur-C

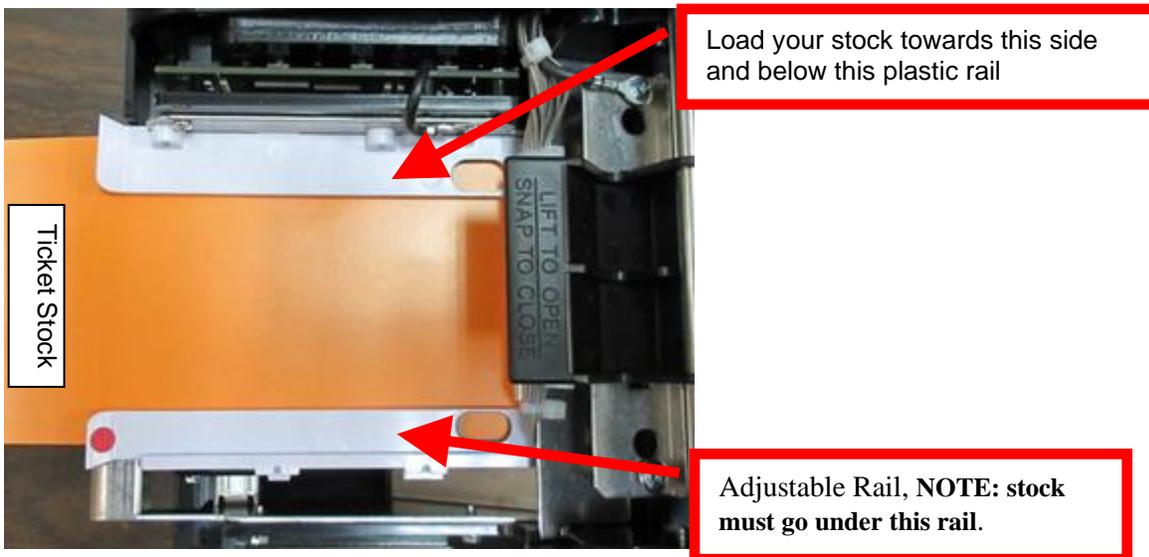
PAPER GUIDE SLIDER BAR (NON-UPG)

Confirm that the slider bar or adjustable rail on the paper path is properly adjusted for the width stock being used. The media should move smoothly through the paper path. If the slider bar is adjusted too far away from the ticket it may cause crooked printout or the printer to skip tickets.

To adjust the paper path for use with a different ticket width, adjust the slider bar to the fully open position. Insert your ticket stock into the paper guide. Adjust the slider bar down to the proper ticket width, making sure the bar is not too tight against the ticket. The ticket should move freely in the paper guide.

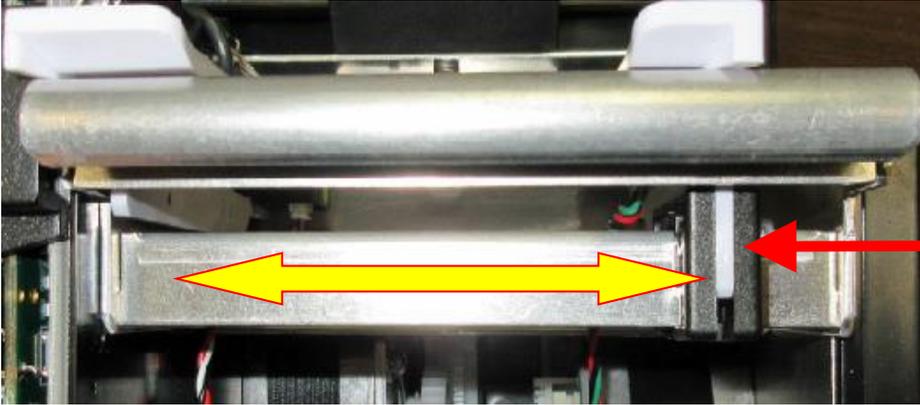


UNIVERSAL PAPER GUIDE (UPG) In June of 2021 switched over to using UPG paper guides.



Paper path adjustment for UPG plastic rail paper path

Adjust the slider bar down to the proper ticket width, making sure the bar is not too tight against the ticket. The ticket should move freely in the paper guide path



The black block the plastic rail is attached to is able to be slide to adjust its width

- Open up the adjustable rail so it is a little wider than the width of the stock you intend to use.
- Insert your ticket stock into the paper guide.
- Adjust the rail down to the proper ticket width, making sure the rail is not too tight against the ticket. The ticket should move freely in the paper path.

CAUTION:

If the slider bar is adjusted too tightly against the ticket stock, then it will cause the stock to buckle (see photos below). This will lead to feed or ticket jam issues. Ensure the adjustable rail is properly adjusted.



Buckling downward



Buckling upward

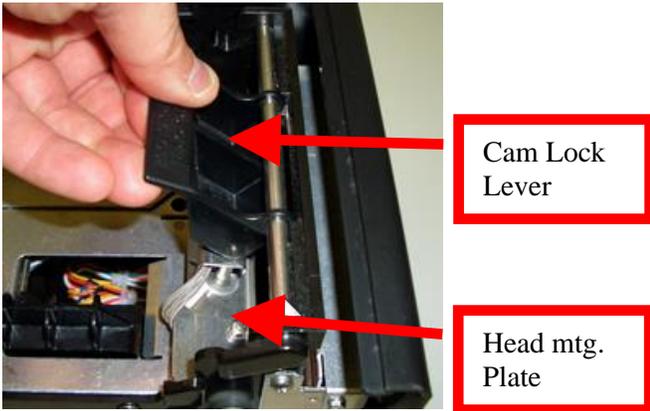
THERMAL PRINT HEAD CLEANING PROCEDURE

The print head should be cleaned periodically to prevent debris from building up on the print element. The required cleaning interval varies greatly depending on the quality of the ticket stock and the amount of dust entering the print area. Excessive dirt buildup on the print head will result in reduced quality. Continuing to run the print head in a dirty condition will reduce its life expectancy, as it is unable to diffuse its heat properly.

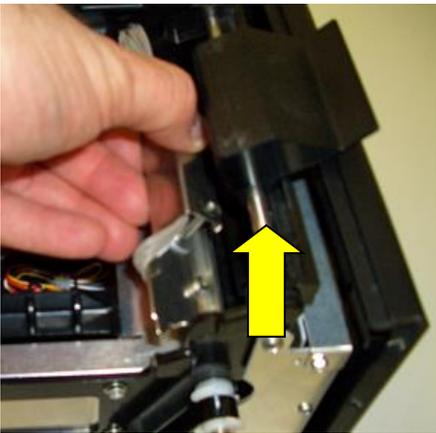
The following is done with the printer powered off and unplugged from the AC source.

The thermal print head can be removed for cleaning or replacement, as follows:

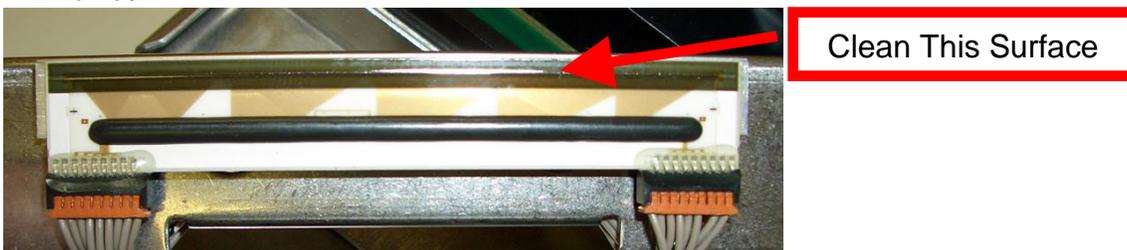
1. Make sure power is off and the AC cord is disconnected from the printer.
- 2. DO NOT UNPLUG CABLE FROM PRINT HEAD.**
3. Lift up on the cam lock assembly (located above the head mounting block or plate) to remove pressure from the thermal head.



4. Lift up on the head mounting plate/thermal head to remove.



5. Clean the entire silver thermal print head surface (the side that makes contact with the paper) with isopropyl alcohol.

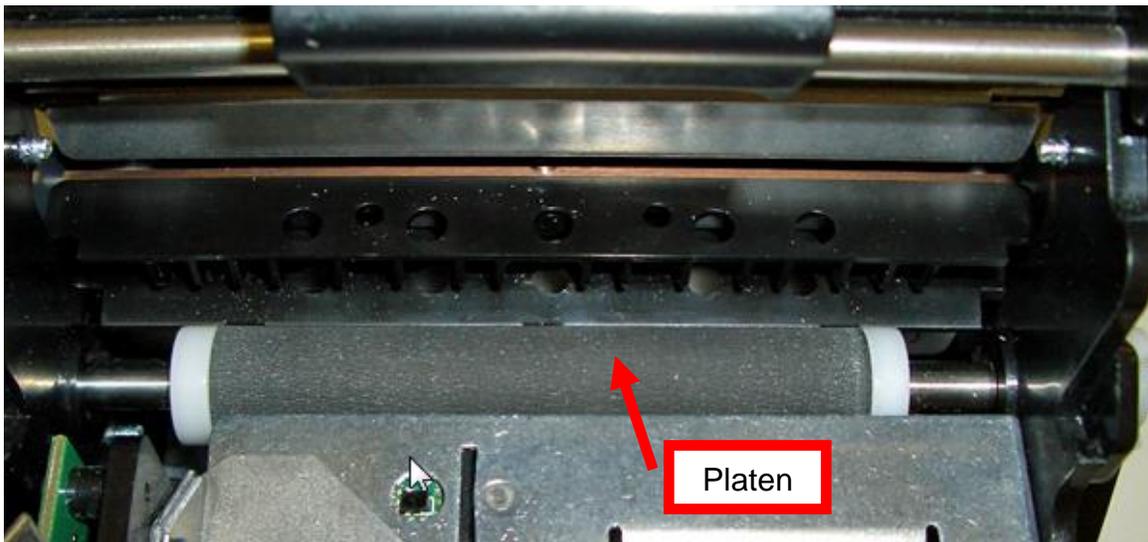


6. While the print head is removed move forward with cleaning the platen and SQ load opto (see next page).

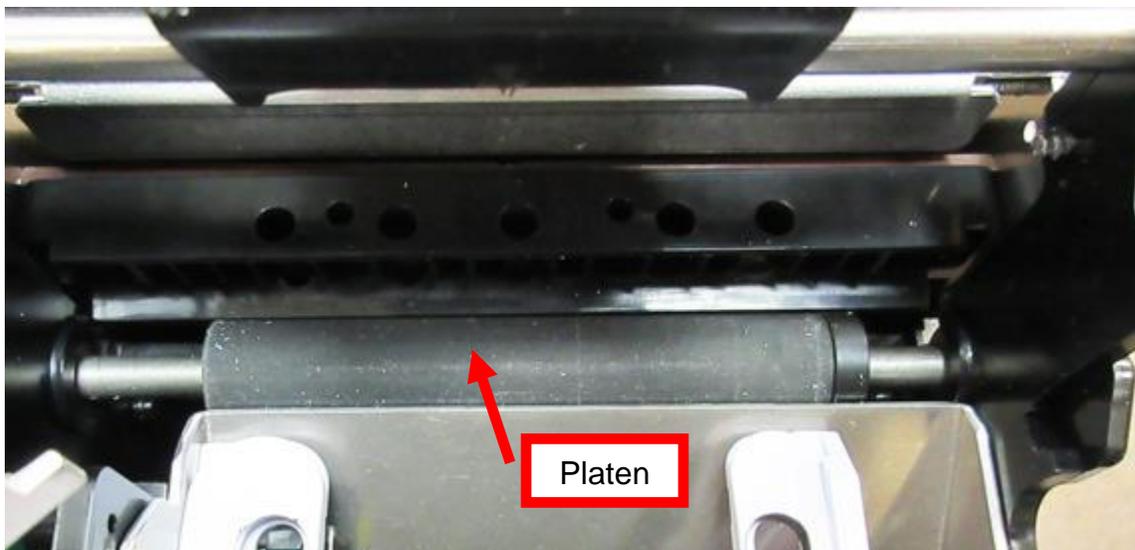
PLATEN CLEANING PROCEDURE

The Platen (rubber drive roller) should be cleaned once a year to prevent paper dust from building up on the roller. (NOTE: The platen may require more frequent cleaning in dusty environments or when using inferior ticket stock.)

1. With the print head still removed, clean the platen.
2. Apply a small amount of Isopropyl alcohol onto a paper towel to clean the rubber roller.
3. Clean only the part of the rubber roller where the media makes contact with.
4. Rotate the rubber roller clockwise a little and repeat step 4; continue in the same manner for one full revolution of the rubber roller.
5. Move onto cleaning the sensor (optos) on the next page.



Above is a non-UPG path printer



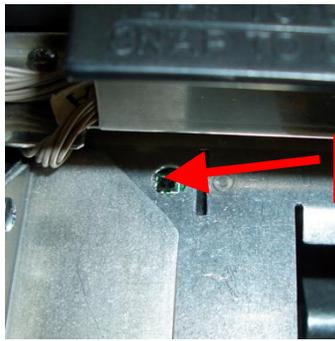
Above is a UPG path printer

SENSORS (OPTO) CLEANING PROCEDURE

Clean Load Sensor

The load sensor (opto) is responsible for letting the printer know when media has been loaded into the printer.

1. Using inert dusting gas (canned air) or equivalent blow air over the opto eyes (see photo below).



Above is non-UPG paper path



Above is UPG paper path

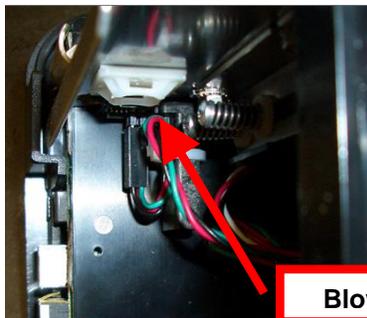
Sensor Eye

2. Once the opto eye is cleaned, install the head by reversing the steps that was done [The Thermal Head Cleaning Procedure Section](#).

Clean Cut/ Tear Sensor

There is one sensor (opto) mounted on a black plastic bracket beneath the paper guide (non-UPG path). The opto controls ticket cut/tear position. Over a period of time there may be an accumulation of ticket dust on the opto eyes themselves. This paper dust could cause erratic operation of the printer.

1. Using inert dusting gas (canned air) or equivalent blow air over the opto eye (see above diagram).



Blow air in this area

In June 2021 the Universal Paper Guide (UPG) was introduced. Cut/tear sensor will be located on the rail that has the red dot on it.

Below is RADJW or ADJ (red dot on right rail)



Below is ADJW or ADJ2 path (red dot on left rail)



Blow air in this area

Cut/tear sensor holder

SENSORS (OPTO) CLEANING PROCEDURE FOR RECEIPT PRINTER



If you have a printer that is designed for use with 80mm roll receipt stock then the below sensor cleaning procedure would apply.

Once a year the opto eyes should be blown off with air. This interval will vary depending upon the environment and the quality of the ticket stock. The print head will need to be removed to gain access to the optos.

