

## Cleaning Procedure Lemur

### General cleaning

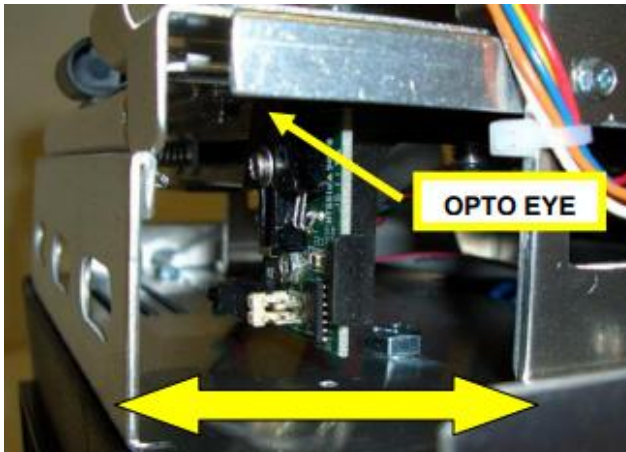
The interior of the printer should be cleaned whenever there is a visible accumulation of dust. Use compressed air for cleaning. Be careful not to jar any of the printer's parts loose.

### Cleaning the optical sensor

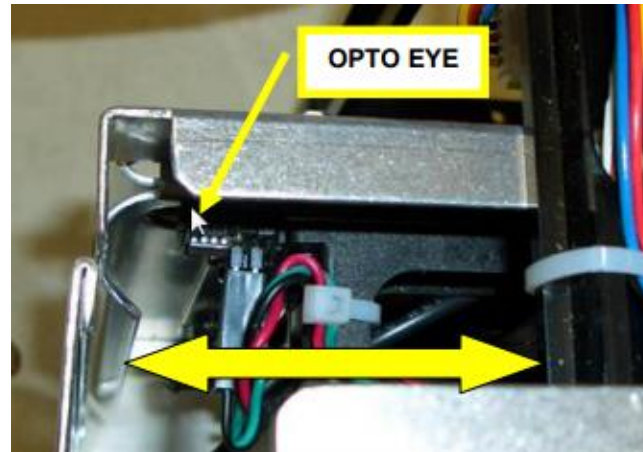
There is an optical sensor mounted on a bracket beneath or on top of the paper guide. The optical sensor controls the ticket cut/tear position. Over a period of time there may be an accumulation of ticket dust on the optical sensor. This paper dust could cause erratic operation of the printer. In most cases cleaning off the optical sensor will resolve the above problem.

Please follow the steps below:

1. Make sure power is off and the AC cord is disconnected from the printer
2. Using inert dusting gas or equivalent blow air over the optical sensor (see picture below).
3. The printer is ready to be switched on and resume normal operation.



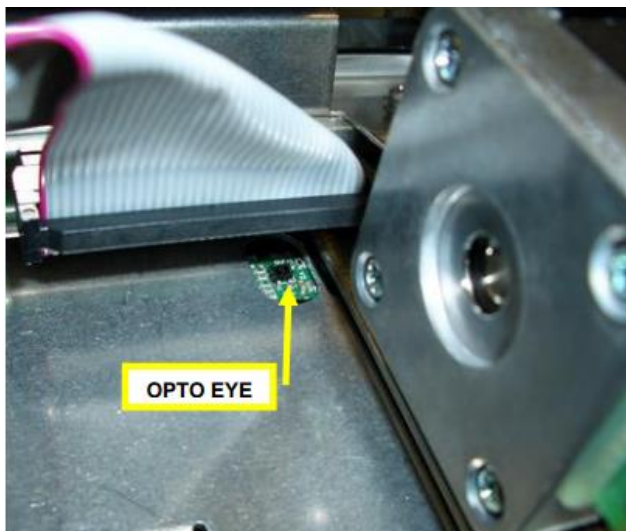
Above image shows a standard 422264 opto



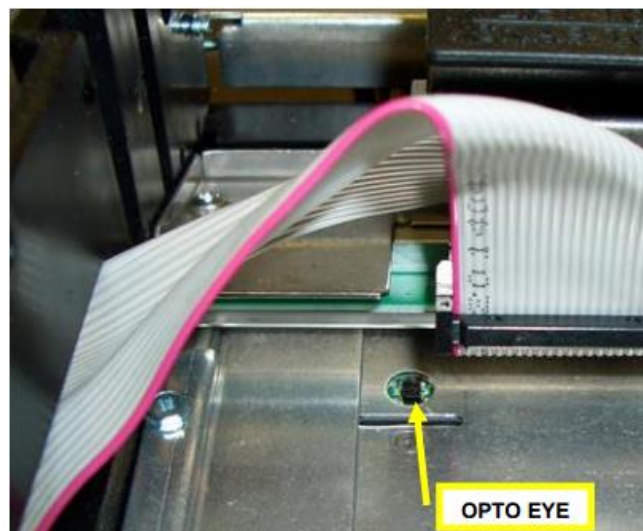
Above image shows a SQ opto

### Load SQ Opto

A printer built after August 2014 may have a load SQ opto that is responsible for letting the printer know when it has paper stock loaded in the printer. Once a year the opto eye should be blown off with air. This interval will vary depending upon the environment and the quality of the ticket stock.



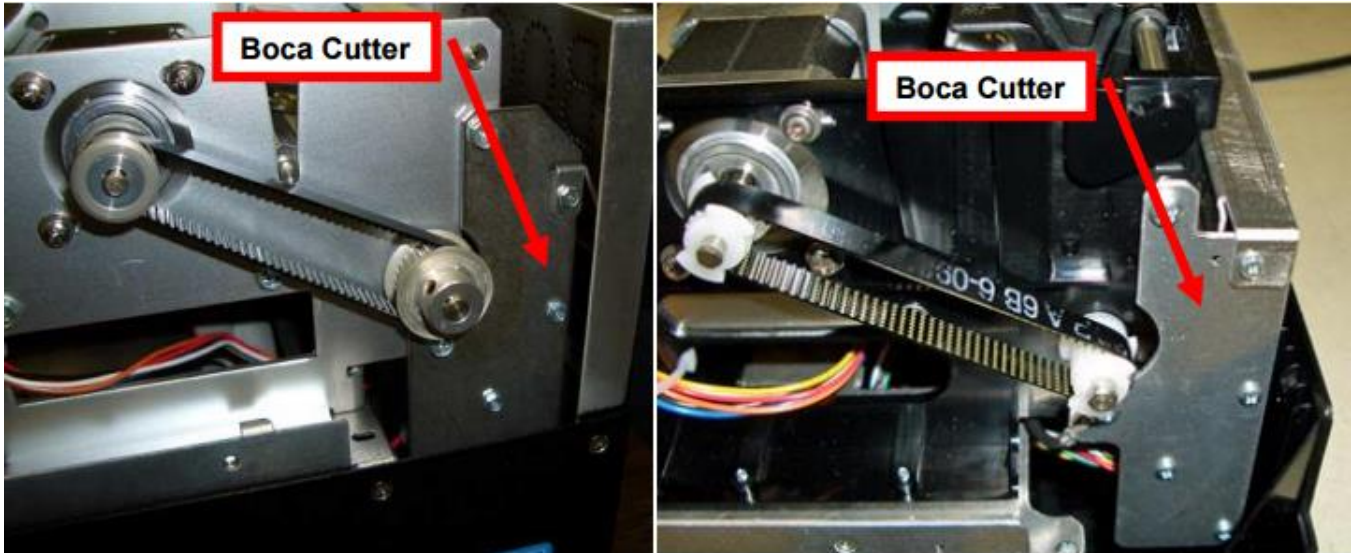
Above is a photo of a RADJW paper guide



Above is a photo of a ADJ4 paper guide

### Cutter assembly

The cutter area should be blown out with air periodically to prevent debris from building up inside the cutter area. The required cleaning interval varies greatly depending on the quality of the ticket stock and the amount of paper dust entering the cutter area.

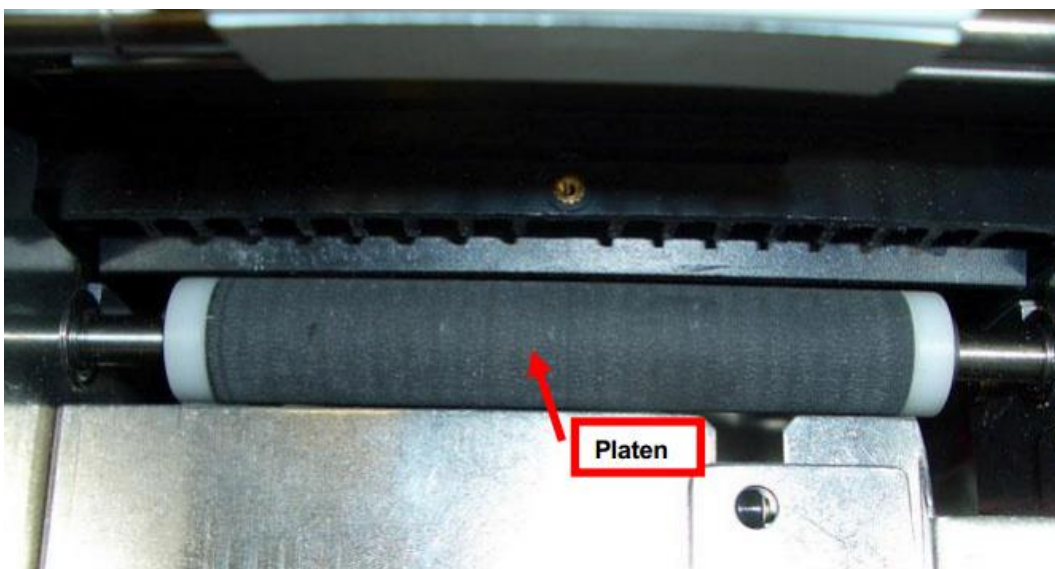


### Platen (Rubber Driver Roller)

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. Make sure power is off and the AC cord is disconnected from the printer
2. Unlock the cam lock lever and remove head mounting block/ plate.
3. Remove the dust of the platen with a brush.
4. Clean only the part of the rubber roller where the ticket stock makes contact with.
5. Rotate the rubber roller clockwise a little and repeat step 4; continue in the same manner for one full revolution of the rubber roller.
6. Install the head mounting block/ plate and lock the cam lock lever back in place.
7. Printer is now ready for normal operation.



Platen size and colour may vary from what is shown in the photo.

## Thermal Print Head

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 build up 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 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. Photo A
4. Lift up on the head mounting plate/thermal head to remove. Photo B
5. Clean the print head surface (the side that makes contact with the paper) with isopropyl alcohol. Photo C
6. Install the head by reversing the above procedures.
7. Restore pressure to the head by pushing down on the cam lock assembly.
8. The printer is now ready for operation.
9. If the print quality is still poor then the thermal head needs to be replaced.
10. To replace print head remove ribbon connector from print head and then remove print head from mounting plate by removing two Philip head screws.

