

Routine Maintenance for a Lemur-CS

Routine maintenance should be done at a minimum of once a year but may be done more frequently depending on usage and environment printer is used in. The following reviews the routine maintenance procedures.

Print Head

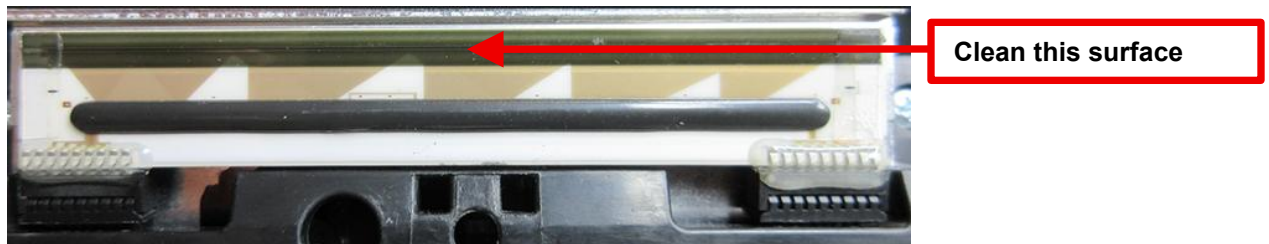
The print head should be cleaned periodically to prevent debris from building up on the print element. The required cleaning interval varies greatly depending on the quality of the ticket stock and the amount of dust entering the print area. Excessive dirt buildup on the print head will result in reduced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

The thermal print head can easily be accessed for cleaning as follows:

1. **Power off the printer.**
2. Open the cover of the printer. This is done by pressing in on the center of the latch.



3. Open cover.
4. Clean the thermal print head surface with isopropyl alcohol.



5. While the cover is open, recommend cleaning the [sensors](#), [platen](#) and [cutter area](#) (is so equipped).
6. Gently close the cover of the printer and make sure it is locked closed.

Sensors (optos)

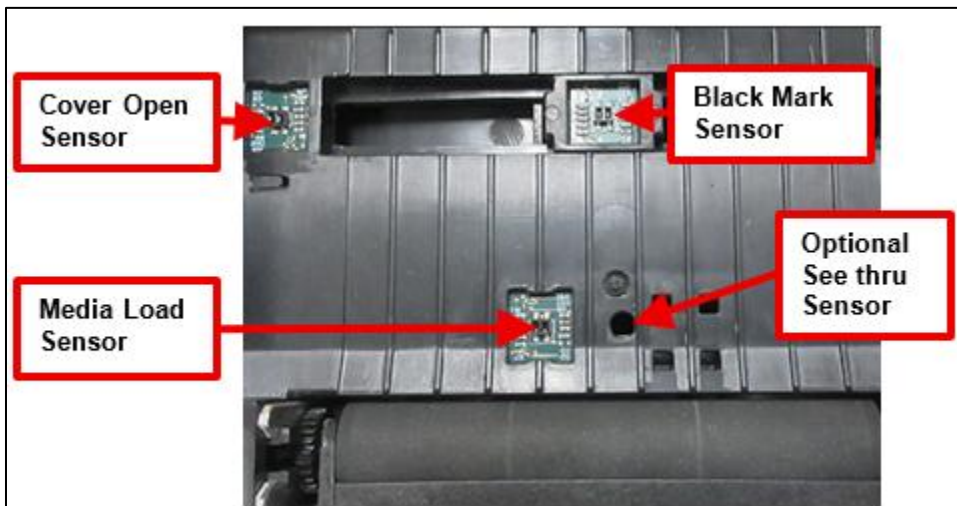
There are multiple optical sensors (opto) which are responsible for detecting the media and if the cover is open.

Once a year the sensors should be blown off with air. This interval will vary depending upon the environment and the quality of the ticket stock. You may get access to the sensors by opening the print head assembly.

1. **Power off the printer.**
2. Open the cover of the printer. This is done by pressing in on the center of the latch.



3. Open cover.
4. Blow off the sensor with canned air.



5. While the cover is open, recommend cleaning the [platen](#) and [cutter area](#) (is so equipped).
6. Gently close the cover of the printer and make sure it is locked closed.

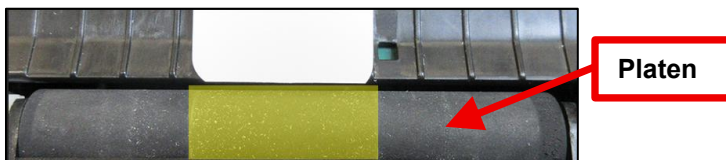
Platen (Rubber Roller)

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. Power off the printer.
2. Open the cover of the printer. This is done by pressing in on the center of the latch.



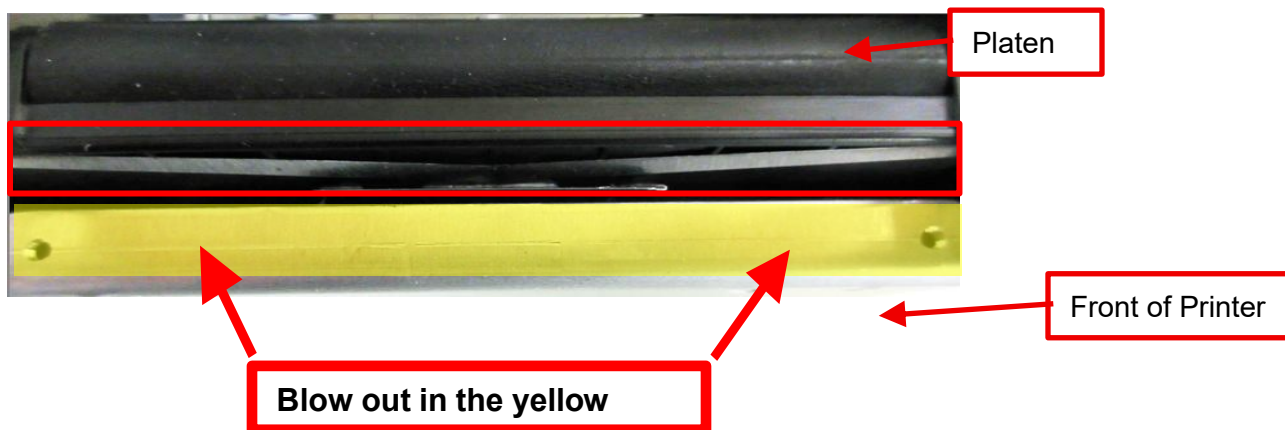
3. Open cover.
4. Apply a small amount of Isopropyl alcohol onto a paper towel to clean the rubber roller.
5. Clean only the part of the rubber roller where the media makes contact. In the below example only clean the area where the wristband contacts the platen (yellow highlighted area).



6. Rotate the rubber roller clockwise a little and repeat step 4; continue in the same manner for one full revolution of the rubber roller.
7. While the cover is open, recommend cleaning the [cutter area](#) (is so equipped).
8. Gently close the cover of the printer and make sure it is locked closed.

Cutter Sensor

Blow out the area highlighted in yellow.



More detailed information concerning the Lemur-CS printer may be found in the user manual. https://www.bocasystems.com/documents/lemur_CS.pdf