

BUNCH NOTE FEEDER (BNF) SERVICE LEVEL 2 CLEAN



This article provides instructions on how to clean the Bunch Note Feeder (BNF). CPI always recommends that a trained technician service its equipment.

Follow these instructions to clean the Bunch Note Feeder (BNF):

- ▲ Cleaning Aids, p. 1
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- ▲ Clean the rollers, p. 3
- ▲ Clean the sensors, p. 3

CLEANING AIDS

- ▲ Cleaner solution ECS 260
- ▲ Clean cloth (alcohol free)
- ▲ Compressed air
- ▲ Cotton swab



These instructions are for:

- Field service engineers.
- Individual machine operators.
- Inside tech support specialists.
- Trained customer field service technicians.



CLEAN



The following sections outline how to:

- Clean with compressed air
- Clean the Rollers
- Clean the Sensors
 - Input front note sensor
 - Refuse note sensor
 - Output note sensor

CLEAN WITH COMPRESSED AIR

1. With the unit powered on, pull the yellow latch on the top cover forward.



2. Turn the power to the unit off.

The system puts the platform on the bottom side and leaves the system unlocked allowing it to be moved manually.



3. Open the BNF module.



4. Blow out all dust particles in the BNF using compressed air as shown.

a. Fully open the BNF module. The platform can be gently moved manually to help clean.

b. Spray from the front side.



c. Spray from the inner side.

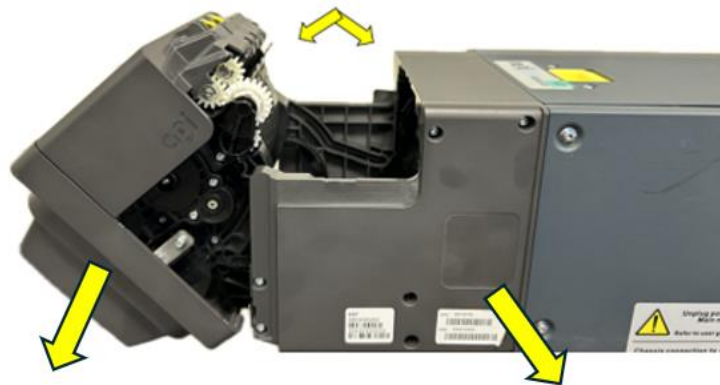


CLEAN THE ROLLERS

Using a cloth dampened with cleaner solution ECS 260, clean around the external diameter of the rollers as shown.



Do not use too much force to clean the rollers as this can cause damage.



CLEAN THE SENSORS

Use a cloth dampened with cleaner solution ECS 260 for all sensors.

The sensor must be cleaned if the value is lower than 2000 LSB.

	Threshold	Offset	Value	Gain	Cleanness
Input Front	2048	117	4095	49	100
Input Rear	2048	122	4095	75	100
Dispense Note	2048	105	4095	5	100
Refuse Note	2048	119	4095	5	100
Output Note	2048	112	4095	5	100

Sensor values can be viewed with the STS Advance Tool.

 **STS Advance for BNR**

Only some of the sensors can be cleaned without disassembling the BNF:

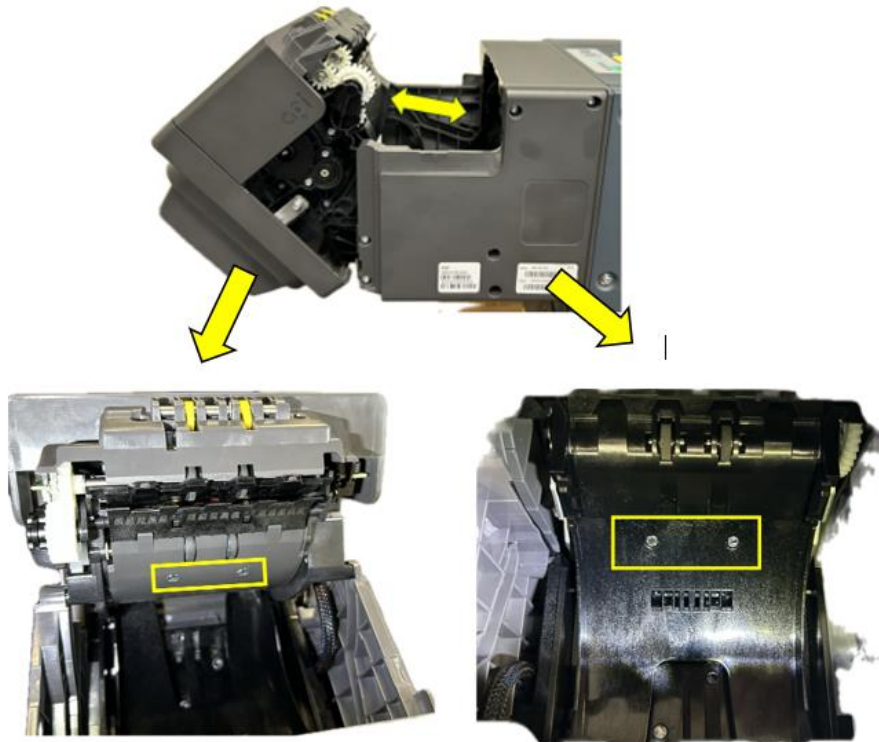
- ▲ Input front note bezel sensor
- ▲ Refuse note sensor
- ▲ Output note sensor

CLEAN THE INPUT FRONT NOTE SENSORS

1. Carefully push the platform down with your finger to get access to the light guide.



CLEAN THE REFUSE NOTE SENSORS



CLEAN THE OUTPUT NOTE SENSOR

