

## INTRODUCTION

This knowledge base article gives the steps to clean your Series 2000 note validator.

This procedure can resolve some errors:

- ▲ Acceptance errors
- ▲ Flash errors: 1 Flash, 3 Flash, 4 Flash, and 5 Flash

## PROCEDURE

### TOOLS

1. Air duster
2. Microfiber cloth
3. Water



Use water only. **DO NOT** use a chemical agent.

### MAINTENANCE INTERVALS

1. 3 months: Clean the external surfaces.
2. 12 months: Clean the internal spaces.

### INSPECTION

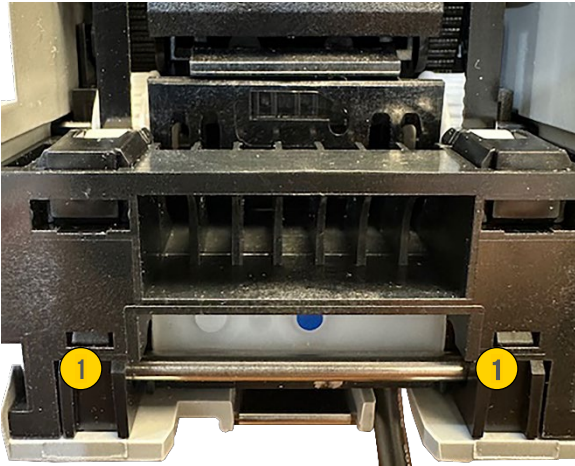
1. Examine the components during maintenance.
2. Return the unit to an Authorized Service Center (ASC) if you find this problem:
  - a. A transport belt that is loose or damaged.

### SAFETY STEP

1. Set the power switch of the vending machine to **OFF**.

## INSTRUCTIONS

1. Remove the lower sensor housing from the note validator housing.
  - a. Press up on the silver bar.
  - b. Remove the lower sensor housing.
2. Remove the note magazine.
  - a. Push the yellow button to the front side of the unit.
  - b. Pull up on the note magazine.

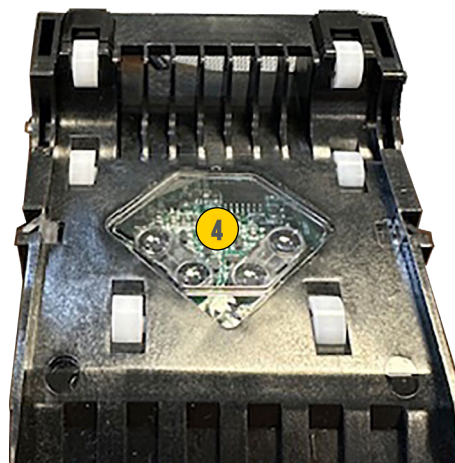
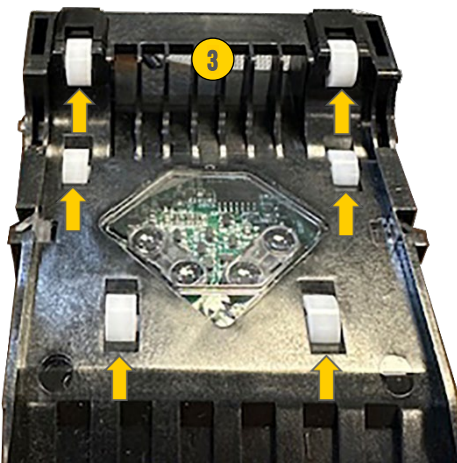


3. With a moist microfiber cloth, remove dust and debris from the white note rollers.

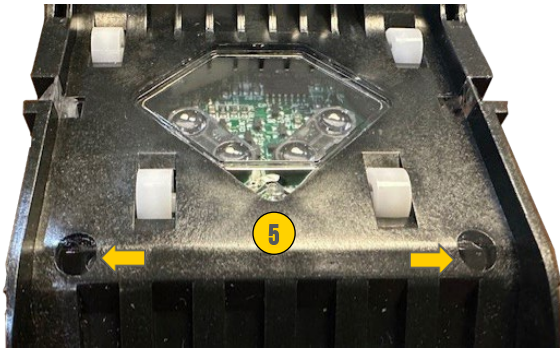


**DO NOT** soak the cloth. Use a moist cloth only.

4. Clean the diamond-shaped sensor with a moist microfiber cloth.



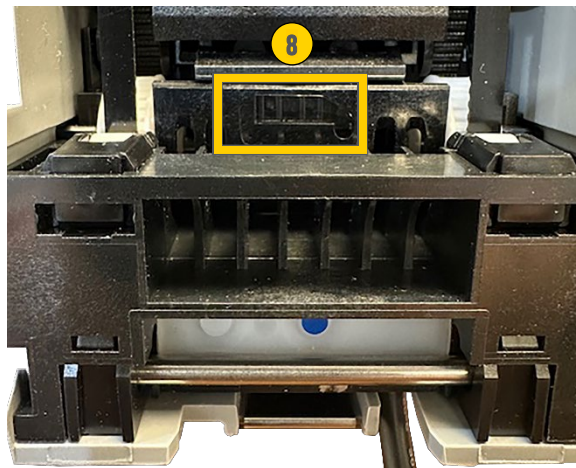
5. Clean the cross-channel sensors with a moist microfiber cloth.



6. With the air duster, blow the dust and debris from the area around the rear stacker plate.

7. Clean the rear stacker plate with a moist microfiber cloth.

8. Clean the cashbox sensor with a moist microfiber cloth.



9. Clean the drive belts.



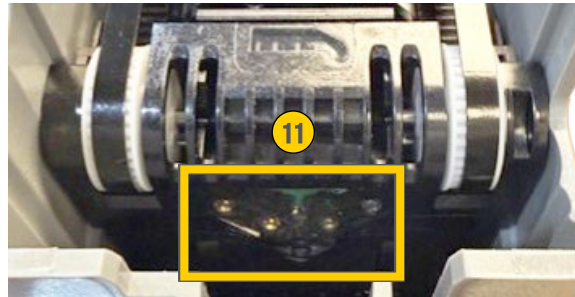
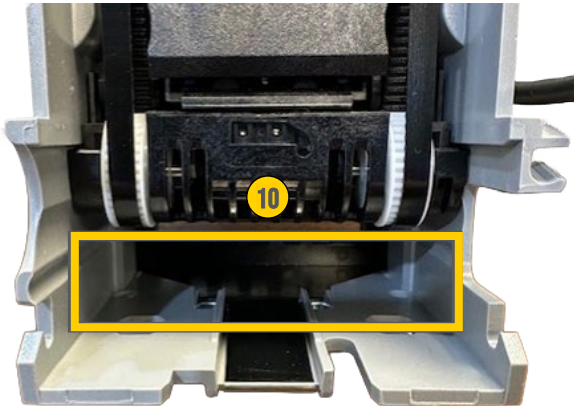
**BE SAFE.** Power to the note validator is necessary.  
Do the steps in sequence.

- a. Power **ON** the vending machine.
- b. The belts move through a part of a cycle.
- c. Let the belts stop.
- d. Power **OFF** the vending machine.
- e. Clean the part of each belt that you can see with the moist microfiber cloth.
- f. Do steps 9a-9e again until the belts are fully clean.
- g. When done, make sure that the vending machine power is **OFF**.



10. With the air duster, clean the space around the upper sensor PCB (Printed Circuit Board).

11. With the moist microfiber cloth, clean the area around the lens of the upper sensor PCB.



12. Install the note magazine.

13. Install the lower sensor housing.

### **TEST**

1. Power **ON** the vending machine.
2. Do a test of the note validator to make sure that it operates correctly.