

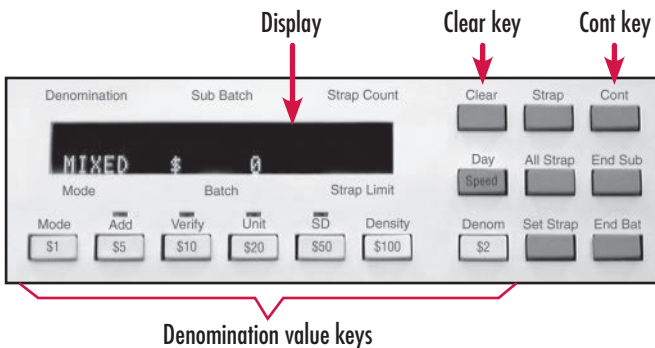
JetScan[®]

Single-Pocket Currency Scanner

User Guide



Machine Diagram



Daily Cleaning Procedures

Daily cleaning of the JetScan® currency scanner is recommended to ensure maximum productivity and reliability, especially for high-volume applications, as well as for those processing highly circulated (dirty) notes.

Follow these steps, which only will take a few minutes.

Recommended Cleaning Materials

⚠ CAUTION

Simple Green, the recommended cleaning agent, can be an eye irritant. Avoid eye contact.

If eye contact occurs, flush eye(s) with cool water for 5 minutes – remove contact lenses if present – continue flushing eye(s) with cool water for 15 more minutes. If irritation persists, consult physician.

Individuals with sensitive skin should rinse hands after using.

- **Simple Green Safety Towels.** (Part number: 022-2118-00.)
A pre-moistened microfiber towel also may be used. If using Simple Green concentrate, dilute to: 1 ounce of Simple Green per 8 ounces of water.

For a material-safety-data sheet, see simplegreen.com.

- **Microfiber towels.** (Part number: 022-2223-00.)
- **A clean, soft eraser.** (Part number: 022-1695-00.)
- **Vacuum.** (Part number for standard vacuum: 022-1959-00; part number for heavy-duty vacuum: 022-1308-00.)

Daily Cleaning

⚠ WARNING

High voltage inside. Risk of electric shock.

Turn power **OFF** and unplug power cord from machine before cleaning.

NOTICE

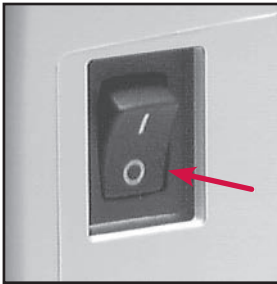
To avoid machine/component damage and potential voiding of existing warranty, follow these procedures:

Only use specified tools for cleaning machine. Never use metal tools.

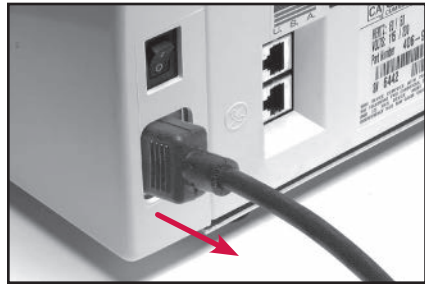
If using Simple Green concentrate, dilute to: 1 ounce of Simple Green per 8 ounces of water.

Never use cleaners containing ammonia. Ammonia may remove labels from machine.

Never spray cleaners directly on machine components.



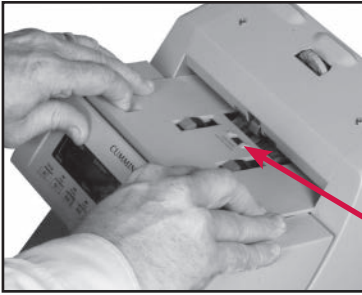
- 1** Turn power **OFF** (rocker panel to **0**).



- 2** Disconnect power cord from the rear of the JetScan.



- 3** Remove hopper extension.



4 Remove feeder plate as shown at left.

5 Use a microfiber towel to clean the black start sensor at the top, middle of the feeder plate.

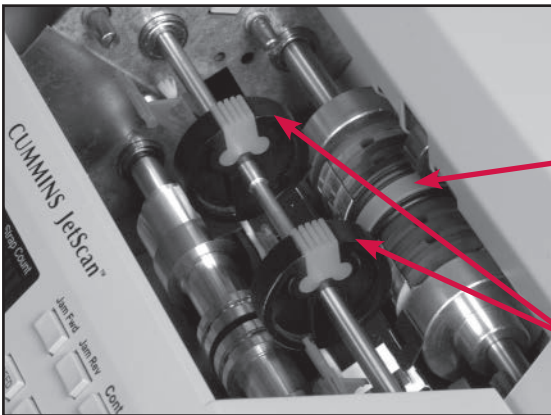
Start sensor



6 Use a Simple Green Safety Towel to remove dirt buildup from the upper and lower aluminum rollers. To reach all exposed surfaces, rotate the large, black feed rollers forward (direction of note flow). (See Helpful Hint.)

If there is heavy buildup on the aluminum rollers, remove it with a clean, soft eraser as shown.

Helpful Hint: Rotating the large, black feed rollers will rotate all other shafts and rollers in the machine. These rollers can be rotated in either direction by using fingers. Generally, the top of these rollers should be rotated forward (direction of note flow), so any dirt or stray material is moved out of the unit.



Center rubber-drive tire

Black feed rollers

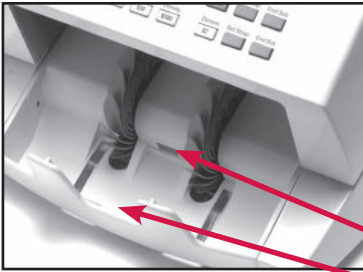


7 Use a Simple Green Safety Towel to clean all rubber sections of the large, black feed rollers. Rotate the rollers. Also clean the flat, center rubber-drive tire.

Flat, center rubber-drive tire



8 Use a microfiber towel or vacuum to remove any remaining dust in the bottom stacker.



9 Use a microfiber towel to clean the stacker-sensor lens located in the stacker tray between the two gray stacker wheels.

Clean the stacker mirror located directly across from the stacker-sensor lens.

Stacker-sensor lens

Stacker mirror



10 Replace feeder plate. Insert curved edge of feeder plate first. Gently press down on feeder plate until it snaps into position.

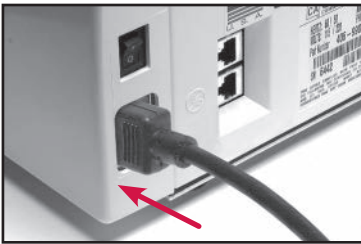
Curved edge



- 11** Clean exterior surfaces as necessary with a Simple Green Safety Towel.



- 12** Replace hopper extension.



- 13** Carefully reconnect power cord.



- 14** Turn power **ON** (rocker panel to I).

- 15** Perform a test run with some notes.

Stopping Conditions and Recovery Steps

The following conditions cause the machine to stop and require action by the user.

DISPLAY ►

JetScan may have processed two or more notes as one.



CHAIN DETECTED*

- Remove all notes from the bottom stacker and place them on the top hopper. Press **Cont.** If an alarm repeatedly occurs, adjust the gray thickness dial located on top of the machine behind the hopper extension. Rotate in the negative (-) direction as indicated by the numbers on the front of the thickness dial.

DISPLAY ►

JetScan has identified a note that is different than those it has been processing while using sort mode.

This first note of the different denomination is the top note in the lower stacker.



\$1
DENOMINATION CHANGE

- Remove all notes from the bottom stacker. Separate the top note from the remaining notes. Put the top note in the location for its denomination. Put all the other notes (they are all the same) in the location for their denomination. JetScan automatically will restart.

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D I S P L A Y ▶

JetScan may have processed two or more notes as one.



- Remove all notes from the bottom stacker and put them on the top hopper. Press **Cont.** If an alarm repeatedly occurs, adjust the gray thickness dial on top of the machine behind the hopper extension. Rotate in the negative (-) direction as indicated by the numbers on the front of the thickness dial.

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D I S P L A Y ▶

JetScan has identified a note that is incorrectly faced.



- Users should either:
 - Face the note, replace it in the bottom stacker, and press the appropriate **denomination value key.**
 - Correctly face the note, return it to the top hopper, and press **Cont.**

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D I S P L A Y ▶

Notes or possibly foreign material are jammed in the paper path and must be removed.



NOTICE

Do not use tools or metal devices to remove jammed notes from paper path.

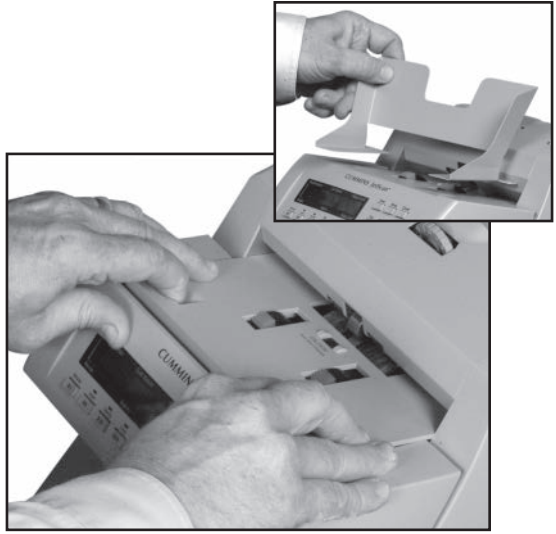
Use of tools or metal devices could cause machine damage and void existing warranty.

For proper removal of jammed notes, see step No. 2.

1 Remove all notes from the top hopper and bottom stacker.

Remove the hopper extension, as shown in inset.

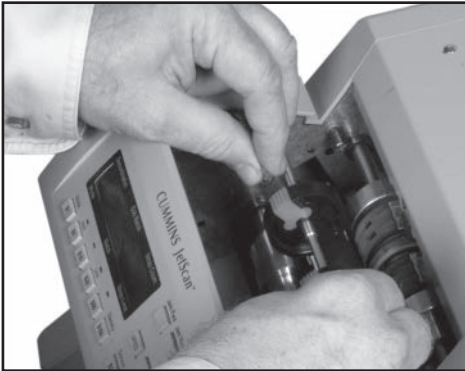
Remove the feeder plate, as shown at right.



Remove feeder plate by lifting with fingers in the two depressions.

When notes are removed from the bottom stacker, the display will show:

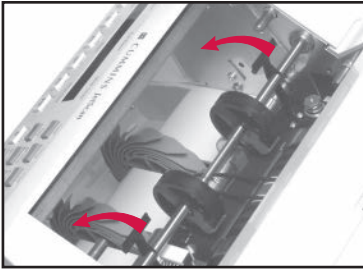
```
ATTACH HANDLES TO SHAFT
<CLEAR>=FWD  <STRAP>=REV
```



2 Raise the two red, plastic "T" handles at the same time and hook them onto the metal shaft. Then either:

- Move jammed notes forward/back by manually rotating the large, black feed rollers. (See Helpful Hint shown earlier in this document.)
- Press **Clear** to slowly move the feeder **forward**.
- Press **Strap** to slowly move the feeder in **reverse**.

Remove all jammed notes and foreign material.



3 Unhook the two red, plastic “T” handles from the metal shaft and lower them at the same time.



4 Replace feeder plate. Insert curved edge of feeder plate first. Gently press down on feeder plate until it snaps into position.

Curved edge



5 Replace the hopper extension.
Press **Cont.**

Rerun all notes that were in the top hopper and bottom stacker at the time of the jam.

.....

These two screens will sequentially flash:



This screen could show any of these messages:

- NO CALL
- NO CALL SKEW
- NO CALL*
- NO CALL**
- NO CALL***

D I S P L A Y ▲

JetScan cannot recognize the denomination of a note and has stopped. This "NO CALL" note is the top note in the bottom stacker. This note has not been included in the count.

- Inspect the top note in the bottom stacker. **DO NOT** remove all notes from the bottom stacker.

To count the note, keep the note in the bottom stacker and then enter its denomination using the correct **denomination value key** (\$1, \$5, \$10, etc.). JetScan will start, and this note will be added to the count.

To not count the note, remove it and press **Cont**. JetScan will re-start. The removed document **WILL NOT** be added to the count.

If the note is not mutilated, it may be returned to the top hopper for reprocessing.

.....

D I S P L A Y ►

JetScan has identified a note that is incorrectly oriented.



- Users should either:
 - Orient the note and return it to the bottom stacker, then press the appropriate **denomination value key** (\$1, \$5, \$10, etc.).
 - Correctly orient the note and return it to the top hopper and press **Cont**.

D I S P L A Y ▶

JetScan has detected a note of a different denomination from those being counted and has stopped. This "stranger" note is the top note in the bottom stacker. This note has not been included in the count.



- ▶ Remove the top note in the bottom stacker and press **Cont.**

These two screens will sequentially flash:

D I S P L A Y ▶

The wrong **denomination value key** was pressed.



- ▶ Review the top note in the bottom stacker and press the correct **denomination value key**.

D I S P L A Y ▶

The number of notes in the bottom stacker has reached the preset strap limit.



- ▶ Remove the notes from the bottom stacker.
JetScan automatically will continue if there are additional notes remaining in the top hopper.

ONLY ON MODELS 4062, 4063, 4064, 4065, 4068:

These two screens will sequentially flash:



This line could show different suspect document codes. For details, refer to the code chart.



DISPLAY ▲

JetScan sensors have detected a possible counterfeit note. JetScan has stopped with this note as the top note in the bottom stacker. This note has not been included in the count.

- ➡ Inspect the top note in the bottom stacker. Next there are two options:
- If it is identified as a counterfeit, place it aside and press **Cont**. It will not be part of the count.
 - If the note is determined to be good, return it to the bottom stacker and press the appropriate **denomination value key**. JetScan will re-start, and this note will be added to the count.

Code	Possible Causes
M	<ul style="list-style-type: none">• Incorrect-ink error• Worn note
UV	<ul style="list-style-type: none">• Incorrect-note paper• Soiled note
FL	<ul style="list-style-type: none">• Incorrect-note paper• Machine-washed note• Taped note

ONLY ON MODEL 4069:

These two screens will sequentially flash:



SUSPECT DOCUMENT
52

This line could show different suspect document codes.

For details, refer to the code chart.



CHECK NOTE
PRESS KEY

DISPLAY ▲

JetScan sensors have detected a possible counterfeit note. JetScan has stopped with this note as the top note in the bottom stacker. This note has not been included in the count.

- ➡ Inspect the top note in the bottom stacker. Next there are two options:
 - If it is identified as a counterfeit, place it aside and press **Cont**. It will not be part of the count.
 - If the note is determined to be good, return it to the bottom stacker and press the appropriate **denomination value key**. JetScan will re-start, and this note will be added to the count.

DISPLAY ►

JetScan is indicating there possibly is a problem with the right, left or both doubles sensors.

WARNING - BOTH DOUBLES
SENSORS ARE FAULTY

ENSURE THAT SENSORS ARE
CLEAR OF PAPER AND DUST

CALL SERVICE IF
PROBLEM PERSISTS

- Press **Cont** to attempt continued operation. If the alarm occurs again, clean the machine by following the daily cleaning procedures at the front of this booklet. If the message continues to appear, call a local Cummins Allison service representative.

These four screens will sequentially flash:

DISPLAY ►

JetScan is indicating there possibly is a problem with the ultraviolet (UV) bulb ("BECOMING WEAK," "INTENSITY OUT OF RANGE" or "UNRELIABLE").

UV DETECTION
IS UNRELIABLE

WARNING - UV BULB
INTENSITY OUT OF RANGE

CALL SERVICE

PRESS KEY 3
TO CONTINUE

- Press **Cont** to continue operation. If the machine is not equipped with ultraviolet (UV), be sure to turn the feature off in SETUP (see JetScan operating instructions). If the message continues to appear, contact a local Cummins Allison service representative.



Cleaning Supplies

The following items are available for purchase through **Cummins Allison**

Desktop Currency Equipment Cleaning Kit

406-1000-01

The kit contains:

- Two stick erasers
- 50 Simple Green Safety Towels
- 20 microfiber towels
- User guides

Items Sold Separately

- One stick eraser. 022-1695-00
- 10 microfiber towels. 022-2223-00
- 50 Simple Green Safety Towels. 022-2118-00
- Vacuum, for use in the United States only.
Standard vacuum: 022-1959-00
Heavy-duty vacuum: 022-1308-00

How to Order

To place an order in the United States, visit store.cumminsallison.com.

To place an order outside of the United States, contact your local Cummins Allison representative.



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cumminsallison.com

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