Kit Instructions

GSR50 Recycler Module Upgrade





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Revision Record

lssue	Date	Remarks
А	Jan 2019	First release.

GSR50 Recycler Module Upgrade

This publication provides procedures for adding a GSR50 Recycler Module to an existing GSR50 Note Recycler .

Kit Contents



Part	Number	Description
497-	-0523911	7360–K102 GSR50 Recycler Module Upgrade
	497-0523912	GSR50 Recycler Module
*	497-0423108	Kit Instructions (Reference Sheet)

* Items marked with an asterisk are not called out on the image.

Installation Procedures

Adding a GSR50 Recycler Module to an existing GSR50 Note Recycler involves the following procedures:



Tip: Use JIS-compatible screwdrivers to avoid screws from stripping.

- 1. Unpack and prepare the new GSR50 Recycler Module. For more information, refer to <u>Unpacking the GSR50 Recycler Module</u> on the facing page.
- On the customer's existing GSR50 system, purge the notes from each Recycler drum to the Notebox (Cashbox). This is to ensure that the counts of all recycler drums are "0" in Profile Manager Lite (PML). For more information, refer to <u>Purging Notes from each Recycler Drum to the Notebox (Cashbox)</u> on page 4.
- 3. Access the GSR50 Note Recycler. For more information, refer to <u>Accessing the GSR50</u> <u>Note Recycler</u> on page 10.
- 4. Depending on the existing configuration, refer to the following procedures:
 - <u>Removing Notebox (Cashbox) Module from GSR50 Note Recycler Unit without Loader</u> <u>Cassette Module</u> on page 13.
 - <u>Removing Loader Cassette Module and Notebox (Cashbox) Module</u> on page 17. This procedure is only applicable for GSR50 Note Recycler with Loader Cassette Module.
- 5. Install the GSR50 Recycler Module. Depending on the existing configuration, refer to the following procedures:
 - <u>Installing GSR50 Recycler Module on GSR50 Note Recycler without Loader Module</u> on page 22.
 - <u>Installing GSR50 Recycler Module on GSR50 Note Recycler Unit with Loader Module</u> on page 30. This procedure is only applicable for GSR50 Note Recycler with Loader Cassette Module.
- 6. Configure the GSR50 Recycler Module. For more information, refer to <u>*Configuring the*</u> <u>*GSR50 Recycler Module*</u> on page 39.
- Test the GSR50 Recycler Module using Profile Manager Lite (PML). For more information, refer to <u>Testing GSR50 Recycler Module using Profile Manager Lite (PML)</u> on page 44.

Unpacking the GSR50 Recycler Module

To unpack, follow these steps:

- Verify that all kit components are available. For more information, refer to <u>*Kit*</u> <u>*Contents*</u> on page 1.
- 2. Remove the blue plastic wrap from unit.
- 3. Remove and discard the following materials:
 - Desiccant bag taped on the recycler frame.
 - Packaging materials (cardboard and tapes) attached to the recycler stacker.
- 4. Remove the small plastic bag taped on the frame.
- 5. Verify that the following items are available inside the small plastic bag:
- **Note:** These items will be used in attaching the new module to an existing one.
 - Two (2) screws
 - Two (2) cables
 - 6. Set up the module assembly by fully inserting the recycler stacker into the recycler module.

Purging Notes from each Recycler Drum to the Notebox (Cashbox)

Before adding the GSR50 Recycler Module, it is best to purge the notes from each Recycler drum to confirm the counts of all recycler drums are "**0**" in Profile Manager Lite (PML). This minimizes risk of misplaced cash, or possible problems when reassigning recycler drums with notes.

Ensure to check on the *Module Status Panel* of the Profile Manager Lite (PML) to determine if the Recycler drums are empty or not. For more information, refer to <u>*Checking Note Counts in Recycler Drums*</u> on page 7.

Note: Skip this procedure if all Recycler drums are already empty.

To purge a note from each Recycler drum, follow these steps:

- 1. Access the Profile Manager Lite (PML). For more information, refer to <u>Accessing the</u> <u>PML</u> on page 45.
- 2. From the *Dispense/Purge/Load* drop-down list under *Recycler*, select **All** and then select **Purge** as shown in the image below.

Components				
NCR GSR50 N	ote Recycler Ser	vice Object, (c) 2004 NCR, OPOS Versio	n: 1.2.0, 11.5.196.1	E
Firmware: Mai	n: AA2900 1804	05, Boot AA0800 161027, BV: US0111		
Device Status: -				
The GSR50 is	n a healthy state	, Error: 0000, Operation Success		
Module Status		Denom/NoteCount/Currency		Acceptor
Main	0k		Dispense / Purge / Load	Accept Notes Validator Log
oader	Emply	USD100.0	0 • Lord	
Cash Box	Normal	100:0,200:0,500:1,1000:1,2000:0	Beset	Save Note image to a ne
Recycler 1F	Full	USD100.1	Al 🔹 Director	Sensor Module Ettor Maint
Recycler 1R	Full	USD100.1	Al •	TOPN2 Main FALSE Ok
Recycler 2F	Full	USD100:1		TOPNI Main FALSE Ok
Recycler 2R	Full	USD100:1	Al •	TOUT2 Main FALSE Ok
Recycler 3F	Full	USD100:1	AI	TIN3 Main FALSE Ok
Recycler 3R	Full	USD100.1	<u> </u>	TIN2 Main FALSE Ok
-				TNCK Main FALSE Ok
		Denomination Serial Number		Man PALSE OK
		SCO ID		Main Loader Cash Box
				Recycler 1 Recycler 2 Recycler 3
			Select	
			Purge	
		The ones under		
		Recycler should be		

3. Wait while the bills are purged to the cash box.

NCR GSR50 N	ote Recycler Ser	vice Object, (c) 2004 NCR, OPOS Ver	rsion: 1.2.0, 11.5.196.1	Egit
Firmware: Ma	n: AA2900 1804	05, Boot AA0800 161027, BV: US0	111	
Device Status: -				
minutes to com Purging All from	plete. Recycler 1 Fron	e.		A Beset Ialies
, Module Status		Denom/NoteCount/Currency		Acceptor
Main	0k		Dispense / Purge / Load	Accept Notes Validator Lon
Loader	Empty	USD100.0	0 - Lord	
Cash Box	Normal	100.0.200.0.500.1.1000 1.2000.0		1 Save Note Image to a tile
Recycler 1F	Ful	USD100:1	wait	Module Error Maint
Recycler 1R	Full	USD100.1	Wait for Purge	Main FALSE Ok
Recycler 2F	Ful	USD100.1		Main FALSE Ok Main FALSE Ok
Becucier 2B	Ful	USD100.1	AJ V	Main FALSE Ok
	5.4	USD1001		TIN3 Main FALSE Ok
Hecycler 3P	PUI	000100.1	-	TIN2 Main FALSE Ok
Recycler 3R	Full	USD100.1	All 👻	TIN1 Main FALSE Ok
		Denomination Serial Numb	er	TTAG Main FALSE OK
		SCOLD		Main Loader Cath Box

4. Verify that the Recyclers have changed to "**0**" bill count, as shown in the image below.

components										
NCR GSR50 N	te Recycler Ser	vice Object, (c) 2004 NCR, OPOS Version	n: 1.2.0, 1	1.5.196	.1					E
Firmware: Mai	n: AA2900 1804	05, Boot: AA0800 161027, BV: US0111								
Device Status:										
The GSR50 is i	n a healthy state	Error: 0000, Operation Success						<u>R</u> ese	e	<u>⊥</u> allies
1										
Module Status		Denom/NoteCount/Currency				Acceptor				
Main	0k	I	Dispen	se / Pur	ge / Load	Accept	Notes	⊻alid	iator Log	
Loader	Empty	USD100.0	0 .	·	Laud			_		
Cash Box	Normal	100.6,200.0,500.1,1000.1,2000.0,	Bep	et	Foad	☐ Save No	te Image to	a file		
D	East	USD100.0	0	-	1	Sensors				
Hecycler IP	Empty		1.	-	Dispense	Sensor	Module	Enor	Maint	_
Recycler 1R	Empty	USD100.0	0	•		TOPN2	Main	FALSE	Ok	
Recycler 2F	Empty	USD100.0	0	•	- 1	TPIC	Main	FALSE	Ok	
	Frents	USD1000	0	-	Purge	TOUT2	Main	FALSE	0k	
riecycler 2h	Emply		1.	_		TOUT1	Main	FALSE	Ok.	
Recycler 3F	Empty	USD100.0	0	-			Main	FALSE	UK.	
Becycler 3B	Emoty	USD100.0	0	-		TIN1	Main	FALSE	0k	
	ruby			_		TNCK.	Main	FALSE	0k	
		Denomination Denomination				TTAG	Main	FALSE	0k	
						Multi		- I	Cash Rev	1
		SCO ID				main		uer -	Cash box	1
						Recycler 1	Recy	cler 2	Recycler 3	1
										_

Note: If the Recyclers do not change to "0", there's a possibility that the notes are jammed in the Recycler drum. For more information, refer to <u>Jams in the Recycler</u> <u>Module</u>.

To access the GSR50 Note Recycler, refer to <u>Accessing the GSR50 Note Recycler</u> on page 10.

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Checking Note Counts in Recycler Drums

To check the note counts in the recycler drums, follow these steps:

- 1. Access the Profile Manager Lite (PML). For more information, refer to <u>Accessing the</u> <u>PML</u> on page 45.
- Check the *Module Status* panel. It displays the status of the Recycler Drums. Depending on the amount in the drum, the button will display "*Normal*", "*Near Empty*", "*Empty*", or "*Full*".

N	CR Fujitsu GSR5	0 Note Recycler	CheckHealth						X			
Γ	Components											
	NCR GSR50 Note Recycler Service Object, (c) 2004 NCR, OPOS Version: 1.2.0, 11.5.196.1											
	Firmware: Main: AA2900 180405, Boot: AA0800 161027, BV: US0111											
	- Device Status: -											
	The GSR50 is i Replenish Com	in a healthy state, f pleted	Error: 0000, Operation Success				^ <u>R</u> es	et	Lallies			
							-					
	- Module Status		Denom/NoteCount/Currency			Acceptor			7			
	Main	Ok		Dispense / F	Purge / Load	Accept Not	es ∐al	idator Log				
	Loader	Empty	USD100:0	<u>A</u>	Load	E Save Note I	Image to a file					
	Cash Box	Normal	100:6,200:0,500:1,1000:1,2000:0,	<u>B</u> eset		Sensore	intage to a file					
	Recycler 1F	Full	USD100:1	All 💌	Dispense	Sensor	Module Error	Maint				
	Recycler 1R	Full	USD100:1	All 💌		TOPN2	Main FALSE	Ok Ok				
	Recycler 2F	Full	USD100:1	All 💌	Purce	TPIC	Main FALSE	Ok				
	Recycler 2R	Full	USD100:1	All 💌			Main FALSE Main FALSE	Ok Ok				
1	Recurder 35	Full	USD100:1	All 👻		TIN3	Main FALSE	Ok				
	necycler ar	T GI				TIN2	Main FALSE	Ok				
	Recycler 3R	Full	USD100:1	Al 🗸		TIN1	Main FALSE	Ok				
							Main FALSE	Uk				
			Denomination Serial Number				Man PALSE	UK				
			SCOLD			Main	Loader	Cash Box				
						Recycler 1	Recycler 2	Recycler 3				

3. Check the *Denom/NoteCount/Currency* panel. Depending on the country and configuration of the GSR50 Note Recycler, the panel will display the denomination, note count ":0" and currency in each corresponding Recycler Drum. The number following the denomination indicates the number of notes in the drum.

Example: Illustration below shows a currency for USD and denominations that indicate 100=\$1, 200=\$2, 500=\$5, 1000=\$10, 2000=\$20, 5000=\$50, and 10000=\$100. This may vary depending on the country and configuration of the GSR50 Note Recycler.

ICR Fujitsu GSR5	0 Note Recycler	CheckHealth			
NCR GSR50 N	ote Recycler Servi in: AA2900 180409	ice Object, (c) 2004 NCR, OPOS Version 5. Boot: AA0800 161027, BV: US0111	n: 1.2.0, 11.5.196.1		Ezik
- Device Status: -		.,			
The GSR50 is Replenish Com	in a healthy state, l pleted	Error: 0000, Operation Success			<u>R</u> eset Ialies
Module Status-		- Denom/NoteCount/Currency			Acceptor
Main	Ok		Dispense / Purge /	Load	Accept Notes Validator Log
Loader	Empty	USD100:0		Load	Save Note Image to a file
Cash Box	Normal	1100:6,200:0,500:1,1000:1,2000:0,	<u>R</u> eset		Sensors
Recycler 1F	Full	USD100:1	All 💌 D	ispense	Sensor Module Error Maint
Recycler 1R	Full	USD100:1	All 💌		TOPN2 Main FALSE Ok
Recycler 2F	Full	USD100.1	Al 💌	Purge	TPIC Main FALSE OK
Recycler 2R	Full	USD100:1	All 👻		TOUT2 Main FALSE Ok
-	54	USD1001			TIN3 Main FALSE OK
Hecycler 3h	Full	1000100.1			TIN2 Main FALSE Ok
Recycler BR	Full	USD100:1	All 🗸		TIN1 Main FALSE Ok
-		Denomination Serial Number			TTAG Main FALSE Ok
		Denomination			
		SCO ID			Main Loader Cash Box
					Recycler 1 Recycler 3

Note: An empty recycler drum displays "*Empty*" in the *Module Status* Panel and ":0" in the *Denom/NoteCount/Currency* Panel.



For more information on understanding GSR50 Note Recycler in Profile Manager Lite (PML), refer to *Sections of the GSR50 CheckHealth Screen*.

Accessing the GSR50 Note Recycler

To access the GSR50 Note Recycler, follow these steps:

- 1. Unlock and then open the Self-Checkout External Door.
- 2. Push the green latch toward the Top (Main) Module.



3. Rack out the GSR50 Note Recycler from the cabinet.



4. Disconnect the cables from the back of the Top (Main) Module by pressing down the cable clip while pulling the cables out.



Depending on the existing configuration, remove the Notebox (Cashbox) Module or Loader Cassette Module and Notebox (Cashbox) Module. For more information, refer to

<u>Removing Notebox (Cashbox) Module or Loader Cassette Module and Notebox (Cashbox)</u> <u>Module</u> on the next page.

Removing Notebox (Cashbox) Module or Loader Cassette Module and Notebox (Cashbox) Module

Depending on the existing configuration, do any of the following:

- <u>Removing Notebox (Cashbox) Module from GSR50 Note Recycler Unit without Loader</u> <u>Cassette Module</u> on the facing page.
- <u>Removing Loader Cassette Module and Notebox (Cashbox) Module</u> on page 17. This procedure is only applicable for GSR50 Note Recycler with Loader Cassette Module.

Removing Notebox (Cashbox) Module from GSR50 Note Recycler Unit without Loader Cassette Module

The GSR50 Note Recycler has the following modules:

- a. Top (Main) Module
- b. Recycler Module (1x or 2x)
- c. Notebox (Cashbox) Module



To remove the Notebox (Cashbox), follow these steps:

 Access the GSR50 Note Recycler. For more information, refer to <u>Accessing the GSR50</u> <u>Note Recycler</u> on page 10.

- Ø Ø 0 280 6 Recycler Module PCB Cover Ø •<u>**</u>* രി 10 B ŀ 0 CCP-74560
- 2. Remove the screws from the Lowest Recycler Frame. The PCB Cover can then be removed.

3. Remove the screws from the Notebox (Cashbox) frame. The PCB Cover can then be removed.



- <image>
- 4. Press the latches to remove the communication and power cables as shown in the image below.

5. From the back of the GSR50 Note Recycler unit, the Notebox (Cashbox) frame and Recycler frame is secured together by two screws. Remove these two screws.



- 6. Remove the Notebox (Cashbox) module out of the Note Recycler by doing the following:
 - a. Disengage the mounting hooks from the bottom of the Recycler frame by using both hands to slide the Notebox (Cashbox) frame to the back of the Note Recycler.



- b. Pull the Notebox (Cashbox) module out of the recycler frame.
- **Caution:** Ensure that the Notebox (Cashbox) module is held by both hands to avoid dropping it.
- 7. Set aside all removed components (Notebox (Cashbox) module, screws, cables, and PCB cover plates) for future re-installation.

To install the new GSR50 Recycler Module, refer to *Installing GSR50 Recycler Module* on page 21.

Removing Loader Cassette Module and Notebox (Cashbox) Module

The GSR50 Note Recycler has the following modules:

- a. Top (Main) Module
- b. Recycler Module (1x or 2x)
- c. Loader Cassette Module
- d. Notebox (Cashbox) Module



To remove the Loader Cassette Module and Notebox (Cashbox) Module assembly, follow these steps:

1. Access the GSR50 Note Recycler. For more information, refer to <u>Accessing the GSR50</u> <u>Note Recycler</u> on page 10.

CCP-74564

2. Remove the screws from the Lowest Recycler frame. The PCB Cover can then be removed.



3. Remove the screws from the Loader Cassette frame. The PCB Cover can then be removed.



- <image><image>
- 4. Press the latches to remove the communication and power cables, as shown in the image below.

5. From the back of the GSR50 Note Recycler, The Loader Cassette frame and Recyler frame is secured together by two screws. Remove these two screws.



- 6. Remove the Loader Cassette and Notebox (Cashbox) modules out of the Note Recycler by doing the following:
 - a. Disengage the mounting hooks from the bottom of the Recycler frame by using both hands to slide the Loader Cassette and the Notebox (Cashbox) modules to the back of the Note Recycler.



- b. Pull the Loader Cassette and Notebox (Cashbox) modules out of the recycler frame.
- **Caution:** Ensure that the Loader Cassette frame is held by both hands to avoid dropping it.
- 7. Set aside all removed components (Loader Cassette and Notebox (Cashbox) modules, screws, cables, and PCB cover plates) for future re-installation.

To install the new GSR50 Recycler Module, refer to *Installing GSR50 Recycler Module* on the facing page.

Installing GSR50 Recycler Module

Depending on the existing configuration, do any of the following:

- <u>Installing GSR50 Recycler Module on GSR50 Note Recycler without Loader Module</u> on the next page.
- *Installing GSR50 Recycler Module on GSR50 Note Recycler Unit with Loader Module* on page 30. This procedure is only applicable for GSR50 Note Recycler with Loader Cassette Module.

Installing GSR50 Recycler Module on GSR50 Note Recycler without Loader Module

To install the GSR50 Recycler Module on the GSR50 Note Recycler without a Loader Module, follow these steps:

- 1. Ensure that the following procedures are done beforehand:
 - a. Unpack and prepare the new GSR50 Note Recycler Module to be installed. For more information, refer to <u>Unpacking the GSR50 Recycler Module</u> on page 3.
 - b. Purge the notes from each Recycler drum to the Notebox (Cashbox) to ensure that counts of all recycler drums are "0" in Profile Manager Lite (PML). For more information, refer to <u>Purging Notes from each Recycler Drum to the Notebox</u> (<u>Cashbox</u>) on page 4.
 - c. Access the GSR50 Note Recycler. For more information, refer to <u>Accessing the</u> <u>GSR50 Note Recycler</u> on page 10.
 - d. Remove the Notebox (Cashbox) Module. For more information, refer to <u>Removing</u> <u>Notebox (Cashbox) Module from GSR50 Note Recycler Unit without Loader Cassette</u> <u>Module</u> on page 13.
- 2. Hook up the new GSR50 Recycler Module frame to the lowest existing Recycler Module frame. Insert the mounting hooks to its corresponding slots.



3. Slide the GSR50 Recycler Module to the front of the Note Recycler. This engages the mounting hooks of the Recycler frame to the bottom of the other Recycler frame.



CCP-74569

4. Ensure that there is NO gap between the two sets of rear mounting tabs by pushing the lower module as far forward as possible.



- MUUU C 0 Ð 10 OF Ð 0 0 6
- Secure both Recycler frames with two screws as shown in the image below. 5.

CCP-74570

- 6. Connect the communication and power cables on the PCBs, as shown in the image below.
- Note: In connecting the cables, insert the cables until a "click" sound is heard. It indicates that the cables are properly connected to the PCBs.



7. Hook up the Notebox (Cashbox) frame to the GSR50 Recycler frame. Insert the mounting hooks to its corresponding slots.



CCP-74572

8. Slide the Notebox (Cashbox) to the front of the Note Recycler. This engages the mounting hooks of the Notebox (Cashbox) frame to the bottom of the GSR50 Recycler module frame.



9. Ensure that there is NO gap between the two sets of rear mounting tabs by pushing the lower module as far forward as possible.



CCP-74596

- 10. Secure the Notebox (Cashbox) frame to the back of the GSR50 Recycler Module frame using two screws, as shown in the image below.
- **Note:** Reuse the two large screws (larger than the PCB cover screws) previously set aside during removal of modules.



- 11. Connect the communication and power cables on the PCB as shown in the image below.
- **Note:** Reuse the communication and power cables previously set aside during removal of modules.
- **Note:** In connecting the cables, insert the cables until a "click" sound is heard. It indicates that the cables are properly connected to the PCBs.



CCP-74575

12. Cover each modules with the appropriate PCB covers and secure using screws as shown in the image below.





13. Reconnect the power and communication cables to the back of the Top (Main) Module.

- 14. Ensure that all LEDs are green in color on all modules as located in the image below.
- **Note:** LEDs flashing is okay as long as they are all green in color. If the LEDs are in different color, refer to <u>GSR50 Note Recycler Problems</u>.



To configure the new GSR50 Recycler Module, refer to <u>*Configuring the GSR50 Recycler</u></u> <u><i>Module*</u> on page 39.</u>

Installing GSR50 Recycler Module on GSR50 Note Recycler Unit with Loader Module

To install the GSR50 Recycler Module on the GSR50 Note Recycler unit with Loader Module, follow these steps:

- 1. Ensure that the following procedures are done beforehand:
 - a. Unpack and prepare the new GSR50 Note Recycler Module to be installed. For more information, refer to <u>Unpacking the GSR50 Recycler Module</u> on page 3.
 - b. Purge the notes from each Recycler drum to the Notebox (Cashbox) to ensure that counts of all recycler drums are "0" in Profile Manager Lite (PML). For more information, refer to <u>Purging Notes from each Recycler Drum to the Notebox</u> (<u>Cashbox</u>) on page 4.
 - c. Access the GSR50 Note Recycler. For more information, refer to <u>Accessing the</u> <u>GSR50 Note Recycler</u> on page 10.
 - d. Remove the Loader Module and Notebox (Cashbox) Module. For more information, refer to <u>Removing Loader Cassette Module and Notebox (Cashbox)</u> <u>Module</u> on page 17.
- 2. Hook up the new GSR50 Recycler Module frame to the lowest existing Recycler Module frame. Insert the mounting hooks to its corresponding slots.



3. Slide the GSR50 Recycler Module to the front of the Note Recycler. This engages the mounting hooks of the Recycler frame to the bottom of the other Recycler frame.



CCP-74569

4. Ensure that there is NO gap between the two sets of rear mounting tabs by pushing the lower module as far forward as possible.



5. Secure both Recycler frames with two screws as shown in the image below.



CCP-74570

- 6. Connect the communication and power cables on the PCBs as shown in the image below.
- **Note:** In connecting the cables, insert the cables until a "click" sound is heard. It indicates that the cables are properly connected to the PCBs.



 Hook up the Loader Cassette frame and Notebox (Cashbox) frame to the GSR50 Recycler frame. Insert the mounting hooks to its corresponding slots.



8. Slide the Loader Cassette frame and Notebox (Cashbox) frame to the front of the Note Recycler. This engages the mounting hooks of the Loader Cassette frame and Notebox (Cashbox) frame to the bottom of the GSR50 Recycler module frame.


9. Ensure that there is NO gap between the two sets of rear mounting tabs by pushing the lower module as far forward as possible.



CCP-74597

- 10. Secure the Loader Cassette frame and Notebox (Cashbox) frame to the back of the GSR50 Recycler module frame with two screws as shown in the image below.
- **Note:** Reuse the two large screws (larger than the PCB cover screws) previously set aside during removal of modules.



CCP-74580

- 11. Connect the communication and power cables to the PCBs as shown in the image below.
- **Note:** Reuse the communication and power cables previously set aside during removal of modules.
- **Note:** In connecting the cables, insert the cables until a "click" sound is heard. It indicates that the cables are properly connected to the PCBs.



CCP-74581



12. Cover each modules with the appropriate PCB covers and secure using screws as shown in the image below.



13. Reconnect the power and communication cables to the back of the Top (Main) Module.

- 14. Ensure that all LEDs are green in color on all modules as located in the image
- **Note:** LEDs flashing is okay as long as they are all green in color. If the LEDs are in different color, refer to <u>GSR50 Note Recycler Problems</u>.



Configure the new GSR50 Recycler Module. For more information, refer to <u>*Configuring*</u> the <u>GSR50 Recycler Module</u> on the facing page.

Configuring the GSR50 Recycler Module

After installing the GSR50 Recycler Module, ensure that it is configured using the CADD application.

Note: It is extremely important that the re-assembled GSR50 Note Recycler be reconfigured through the software and functionally tested to ensure that the whole system is in good working order. Configuring the GSR50 Recycler Module and testing GSR50 in Profile Manager Lite (PML) must be completed.

To configure the GSR50 Recycler Module, follow these steps:

1. Open the **CADDConfigure** application from the C:\scot\bin directory. The *Hardware Type* window is displayed.

Hardware Type	×
Please identify the system hardware.	Experience a new world of interaction
Select HW Type:	
SCOT6 = 7360 SelfServ Checkout (6.x)	
Select HW Specifications:	
Base Configuration -	
Serial Port Definitions:	
IOBoardPort1 = ElectronicArticleSurveillant.Sensormatic,ElectronicArtic	leSurveillant.CheckPoint_C
USB devices will be automatically configured	
NonDetectable Devices	Emulators
Nex	t > Cancel

2. Select SCOT6 = 7360 SelfServ Checkout (6.x) for the HW Type.

3. Select Next . The Language and Currency window is displayed.

Language and Currency			×
Specify system language and currency.		Experience	NCR a new world of interaction
Primary Language:			
0409 = English-USA/Canada			•
Currency			
USD = United States Dollar			_
Dispenser's Notes Type:			
Real Notes			•
	< Back	Next >	Cancel

- 4. Specify the *Primary Language* and *Currency* for the unit by selecting an option from the following drop–down lists:
 - **Primary Language** the language in which screens and messages display on the unit.
 - **Currency** the country currency accepted and dispensed by the unit's currency devices.
 - Note Type the type of notes dipensed by the note dispenser.
 - **Note:** Unless the unit is used in a development environment, the *Note Type* is set to **Real Notes**.

- 5. Select **Next**. The Note Acceptor and Note Dispenser HW Configuration window is displayed.
- **Note:** The *Loader* check box is selected by default, uncheck if it is a no loader configuration.
- **Note:** To make use of the new recycler module, modify the numbers in the input fields under the *Notes to dispense* section. It is important to increase the number of total denominations dispensed by two in order to make use of both the new recycler drums on the added recycler module.

Note Acceptor and Note Dispenser HW Configuration	×
Please select notes to accept and/or di	spense: Experience a new world of interaction
Cur Dec	rrency = USD cimal places = 2
✓ Configure Note Acceptor	⊽ Configure Note Dispenser ⊽ Loader
	Enter number of bins per denomination and 0 as disable
Notes to accept:	Notes to dispense:
 ✓ 100 ✓ 200 ✓ 500 ✓ 1000 ✓ 2000 ✓ 5000 ✓ 10000 	1 100 1 500 1 1000 0 2000 0 5000 0 10000
Note: Some of the devices do not suppor	rt configuring notes (i.e BNR)

6. Select Next. The Coin Acceptor and Dispenser HW Configuration window is displayed.

Coin Acceptor and Dispenser HW Configuration	×
Please select coins to accept and/or	dispense: Experience a new world of interaction
	Currency = USD
🛛 Configure Coin Acceptor	🗵 Configure Coin Dispenser
Coins to accept:	Coins to dispense:
⊡1	⊠1
▼ 5	∀ 5
₩25	⊻25
∞50	⊻50
100	⊠100
Decin	ial places = 2
	< Back Next > Cancel

7. Select **Next**. The *Device Specific Options* windows is displayed.

ect Device :	specific optio	ns.	Configure	ation		ICR eve world of interact
HWType:	SCOT6		Lar	iguage:	0409	•
HWSpec:		Cur	rrency:	USD	•	
Device:	56xx Note Di	spenser	• Ini	Model:	AnyModel	•
Option		Value	Comme	nt		
	т	here are no option	ns to show for this	selection		
					on.	
Add	D	elete			on.	

8. Select Next. The Confirmation windows is displayed.



- 9. Select Save to update the files. The application will automatically close.
- 10. Go to C:\scot\bin and double-click **ADD** batch file. The application runs and checks the devices configured with the SelfServ Checkout unit and updates the firmware as necessary. When the process is completed, the application automatically closes.



Test the GSR50 Recycler Module using Profile Manager Lite (PML). For more information, refer to <u>*Testing GSR50 Recycler Module using Profile Manager Lite (PML)*</u> on the next page.

Testing GSR50 Recycler Module using Profile Manager Lite (PML)

To test the GSR50 Recycler Module using PML, follow these steps:

- 1. Access the PML. For more information, refer to <u>Accessing the PML</u> on the facing page.
- 2. Using PML, test the GSR50 Recycler Module functions. For more information, refer to *Testing the GSR50 Recycler Module Functions* on page 56.

Accessing the PML

Depending on the log on method, refer to the following procedures:

- Logging on to PML using login credentials. For more information, refer to <u>Logging on</u> <u>to PML using Login Credentials</u> on the next page.
- Logging on to PML using a USB dongle. For more information, refer to *Logging on to* <u>PML with a USB dongle</u> on page 49.
- Logging on to PML using on encrypted key. For more information, refer to *Logging* on to PML with an encrypted key on page 51.

Logging on to PML using Login Credentials

To log on to PML using login credentials (username and password), follow these steps:

- 1. Press the Supervisor Switch or log on to Supervisor Mode.
- 2. Enter your ID and Password. The Utility Functions screen is displayed.

NCR SelfServ Checkout Utility Functions	Terminal ID:001
Generate Diagnostic Log Files	Volume Control
Stop SelfServ Checkout and Run Profile Manager	Terminal Information
Event Viewer	
Calibrate Touchscreen	
Logon Windows	
Shut Down Entire System	Stop SelfServ Checkout
Reboot Entire System	
Operator ID:1 Thursday, March 17, 2016 3:22:18 PM	Sign Off Return
Thursday, March 17, 2016 3:22:18 PM	Sign Off Return

- 3. Select Stop SelfServ Checkout and Run Profile Manager.
- 4. Log on to PML. The following login screen is displayed.

			[PL	EASE ENTI	ER USERNA	ME:	_		
	1	2	3	4	5	6	7	8	9	0
	q	w	e	r	t	У	u	i	0	p
	a	s	d	f	g	h	j	k	•	BACKSPAC
SHIFT		z	×	c	v	b	n	m	EN	TER
day, Augu	ıst 18, 2011 (1	8/08/11)								

5. In the username field, enter **ncrretailer**.

6. In the password field, enter **rsm<current month><current day multiplied by 2>**.

Example: If the current date is August 14th, the password would be "rsm828".

The following screen is displayed.

P	rofile Manager Lite - Log-in	×
	NCR DIAGNOSTICS By pressing "Yes", you acknowledge that you are authorized to (a) accept these terms, (b) use this application, and (c) that you will only use such application as it relates to your internal support of the application. This application is considered NCR proprietary and confidential information.	
	CE Logged In. Yes No	

7. Select **Yes**. The *Profile Manager Lite* window is displayed.

🖀 (ToolVe	r=2.10 021016) C	O:Biometrics	[RegProf:Digita	IPersona_Fing	jerPrintReade] - Profile Mana	ger Lite					- 8 ×
File View H	lelp											
EXIT	Run ADD	Config	DCap	ChkHlth	∧ UP	YDewn <	L	> R	Top Pane	Bottom	Toggle	
				a 1				- 1	+			
Biometrics	Cash Acceptor	Cash Changer	Cash Drawer	Coin Acceptor	Cursor	Diagnostics	Electronic ArticleSurve.	На То	ard tals			
•		eQ		eQ				í.	<u> </u>			
Keylock	MICR	MiscIF	Motherboard	Motion Sensor	Motor	MSR	POS Keyboard	POSF	ower			
POS Printer	Scale	Scanner	Tone Indicator									
			in factor									
	1											
Persona_Finge PrintReader	r Reader											
1												

8. From the top section of the PML window, select **Cash Changer**.

9. From the bottom section of the PML window, select **Fujitsu GSR50**. The following window is displayed.

NCR GSR50 Note Recycler Service Object. (c) 2004 NC Firmware: Main: 2235 150824, Boot: AA03 150325, Device Status:	CR, OPOS Version: 1.2. BV: US01 01 150630	0. 11.5.5	4.0						EJ
Firmware: Main: 2235 150824, Boot: AA03 150325, Device Status:	BV: US01 01 150630	-							
Device Status:									
The GSR50 is in a healthy state. Error: 0000, Operation	Success					Bese			
Module Status Denom/NoteCount	t/Cuttency			Acceptor					
Main Ok	Dis	pense / P	urge / Load	Accept	l setol				
Looder East				Boodh	10.05				
Loader Enply Post rates	[*	-	Load	Sensors					
Cash Box Normal 100:97,200:0,500:	.0,1000:0,2000:	Beset		Sensor	Module	Error	Maint		
Recycler 1F Near Emply USD100.0	0	*		TOPN2	Main	FALSE	Ok.	=	
LISTEROO		-	Dispense	TOPN1	Main	FALSE	0k		
Recycler 1R Near Empty 0505000	10	•		TPIC	Main	FALSE	Ok.		
Recycler 2F Near Empty USD1000:0	0	+	0		Main	FALSE.	Ok		
Records 20 New Easth	0		Eraße	TIN3	Main	FALSE	Ok.		
Hecycler 2H	1.	_		TIN2	Main	FALSE	Ok.		
Deromination	Module ID			TIN1	Main	FALSE	0k		
l'entre anno 1	1100000			TNCK.	Main	FALSE	Ok		
				TITTAG	Main	FALSE	nı.		

Test the GSR50 Recycler Module functions using PML. For more information, refer to *Testing the GSR50 Recycler Module Functions* on page 56.

Logging on to PML with a USB dongle

Note: Upon release to a CE or an authorized person, a USB dongle is valid only for one year. It must then be renewed annually. This expiration and renewal process is required to keep invalid users from using NCR Diagnostics. For information on renewing the USB dongle, refer to the NCR FastLane SelfServ[™] Checkout Profile Manager Lite (PML) User Guide for ADD 3.X (B005-0000-2279).

To log on to PML using a USB dongle, follow these steps:

- 1. Plug the USB dongle into one of the USB ports on the SelfServ Checkout unit where the PML tests will be performed. The following login window is displayed.
- 2. Press the Supervisor Switch or log on to Supervisor Mode.
- 3. Enter your ID and Password. The Utility Functions screen is displayed.
- 4. Select Stop SelfServ Checkout and Run Profile Manager.

The following login window is displayed.

			PLE	ASE ENTER	R QUICKLO	OKID:			
					1				
1	2	3	4	5	6	7	8	9	0
q	w	e	r	t	У	u	i	0	р
a	s	d	f	g	h	J	k	1	BACKSPACE
SHIFT z		×	С	v	b	n	m	EN	TEB
ay, June 16, 2008 (16 / 0	6 / 08)								

5. Enter your NCR QuickLook ID. The following screen is displayed.

P	rofile Manager Lite - Log-in	×
	NCR DIAGNOSTICS By pressing "Yes", you acknowledge that you are authorized to (a) accept these terms, (b) use this application, and (c) that you will only use such application as it relates to your internal support of the application. This application is considered NCR proprietary and confidential information.	
	CE Logged In. Yes No	

6. Select **Yes**. The *PML* window is displayed.

😤 (ToolVe	r=2.10 021016) C	CO:Biometrics	[RegProf:Digit	alPersona_Fin	gerPrintReade	r] - Profile Manaç	jer Lite				- 8 ×
File View H	Help										
EXIT	Run ADD	Config	DCap	ChkHlth	∧ UP	⊻Down < I		> R Top Pa	ne Bottom	Toggle	
				ାଇ				*++			
Biometrics	Cash Acceptor	Cash Changer	Cash Drawer	Coin Acceptor	Cursor	Diagnostics	Electronic ArticleSurve.	Hard Totals			
Keylock	MICR	Miscin	Motherboard	3 Motion Sensor	Motor	мък	Keyboard	POSPower			
POS Printer	Scale	Scanner	Tone Indicator								
			2 Million								
Digital	Fingerprint										
Persona_Fing PrintReader	er Reader										

- 7. From the top section of the PML window, select Cash Changer.
- 8. From the bottom section of the PML window, select **Fujitsu GSR50**. The following window is displayed.

Components									
NCR GSR50 Note Recycler	Service Object. (c) 2004 NCR. OPOS Version	r: 1.2.0, 11.5.54	.0						Ej
Firmware: Main: 2235 150	124, Boot: AA03 150325, BV: US01 01 150	630							
Device Status:									
The GSR50 is in a healthy s	ate, Error: 0000, Operation Success					Bese			
1									
Module Status	Denom/NoteCount/Cuttency			Acceptor					
Main Ok		Dispense / Pu	rge / Load	Accept	Notes				
Loader Empty	USD1000.0	0 •	1.11						
Real Read	100-97 200-0 500-0 1000-0 2000-	Revel	Load	Sensors				_	
Lash Box Normal		- Terer		Sensor	Module	Error	Maint	*	
Recycler 1F Near Empt	USD100:0	0 💌	Dimense	TOPN2	Main	FALSE	0k	5	
Recurler 1R New Front	USD500.0	0 •	Teheuse	TOPN1	Main	FALSE	Ok		
integrate internet,		_		TOUT2	Main	FALSE	Ok		
Recycler 2F Near Empt	, USD1000:0	0 -	Purce	TOUT1	Main	FALSE	0k		
Recycler 28 Near Errot	USD0:0	0 •		TIN3	Main	FALSE	0k		
	- · · · · · · · · · · · · · · · · · · ·			TIN2	Main	FALSE	Ok.		
	Denomination Module ID			TIN1	Main	FALSE	0k		
				TNCK.	Main	FALSE	0k	-	
	CODID Coddition			TETTAG	Main	FAISE	ris-		

Test the GSR50 Recycler Module functions using PML. For more information, refer to *Testing the GSR50 Recycler Module Functions* on page 56.

Logging on to PML with an encrypted key

This procedure requires generating an encrypted key using a USB dongle. For more information, refer to *Generating an encrypted key* on page 54.

To log on to PML using an encrypted key, follow these steps:

1. Press the Supervisor Switch or log on to Supervisor Mode.

NCR SelfServ Checkout	Terminal ID:001
Utility Functions	
Generate Diagnostic Log Files	
Stop SelfServ Checkout and Run Profile Manager	Terminal Information
Event Viewer	
Calibrate Touchscreen	
Logon Windows	
Shut Down Entire System	Stop SelfServ Checkout
Reboot Entire System	
Operator ID:1	Sign Off Return
Thursday, March 17, 2016 3:22:18 PM	Ketulin Ketulin

- 2. Enter your ID and Password. The Utility Functions screen is displayed.
- 3. Select **Stop SelfServ Checkout and Run Profile Manager**. The system detects that a USB dongle is not plugged in. The *PML Token Authentication* window is displayed.

PML - Token Au	thentication Window	X
	Please Enter Token To Authenticate	
	Authenticate	
		Cancel

- Enter the encrypted key that is generated from the PML Remote Key Generator Tool. For more information, refer to the NCR FastLane SelfServ[™] Checkout Profile Manager Lite (PML) User Guide for ADD 3.X (B005-0000-2279).
- **Note:** Make sure the encrypted key is not expired. If the key is expired, generate another key.

PML - Token Authentication Window
Please Enter Token To Authenticate
74d2311ef8bd91e6a18b37b2406394d4h
Authenticate
Lancel
(L

5. Select **Authenticate**. The PML application validates the key.

If the key is valid, the following message is displayed.



6. Select **Continue**. The *PML* window is displayed.



- 7. From the top section of the PML window, select Cash Changer.
- 8. From the bottom section of the PML window, select **Fujitsu GSR50**. The following window is displayed.

ICR GSR50 Note	December Carri											
Annual Products	e necijiciel servi	ce Object, (c) 2004 NC	R. OPOS Version	τ 1.2.0), 11.5.54	0						Eyit
тимана рианся	ZZ35 150824,	Boot: AA03 150325,	8V: US01 01 1506	530								
evice Status:												
The GSR50 is in a	a healthy state, E	Error: 0000, Operation S	Autocess						Bese			
odule Status		Denom/NoteCount	Currency				Acceptor					
ain	Ok			Disp	vence / Pu	rge / Load	Accept	Notes				
ader	Enoty	USD1000.0		0								
			1 1 000 0 0000	Ľ.,	-	Load	Sensors					
ish Bax	Nomal	1100:37,2000,5000	1,100070,20001	_	Terbet		Sensor	Module	Error	Maint	*	
ecycler 1F M	Near Empty	USD100.0		0	*		TOPN2	Main	FALSE	Ok.	6	
		LISTS00.0		0	-	Dispense	TOPN1	Main	FALSE	Ok		
ecycler 1R N	Near Emply	10303000		IV.	•		TPIC	Main	FALSE	Ok.		
ecycler 2F N	Near Empty	USD1000:0		0	-	0		Main	FALSE	Ok		
	New Earchy	USD0-0		0	*	Eraße	TIN3	Main	FALSE	Ok.		
ecycler 2H	rear cripy	100000		1.	-		TIN2	Main	FALSE	Ok.		
		Decomination	Module ID				TIN1	Main	FALSE	Ok.		
		1.0.0101010101	110000010				TNCK.	Main	FALSE	Ok		
		600 JD	Could be about				TTAG	Main	FAISE	CI1		
		scolo	Setial Number									

Test the GSR50 Recycler Module functions using PML. For more information, refer to *Testing the GSR50 Recycler Module Functions* on page 56.

Generating an encrypted key

To generate an encrypted key, follow these steps:

- 1. Plug a USB dongle into one of the USB ports on the computer.
- **Note:** Make sure the USB dongle is valid and unexpired.
- 2. Double-click the PML Remote Key Generator Tool. If the following are true, the PML Remote Key Generation Tool window is displayed.
 - The dongle authentication library file exists in the same location of the tool.
 - The USB dongle is plugged in.
 - The USB dongle is not expired.

3	PML Remote Key Generation Tool	J
	For NCR Employee Use Only!!	
	Expiry (Minutes)	
	Save To File	
	ОК	

3. Set the expiration limit of the encrypted key in the Expiry (Minutes) spin box. The default value is 15 minutes. The maximum value that can be set is 60 minutes.

For NCR Employee Use Only!!	
	Expiry (Minutes)
Generate Key	15 👗
Encrypted Key:	
74d2311ef8bd91e6a18b37b2406394d4h	Save To File

4. Select **Generate Key**. The encrypted key is displayed in the Encrypted Key field.

- 5. To save the key, do one of the following:
 - Highlight the encrypted key text and then press CTRL + C from the keyboard.
 - Select the **Save To File** button, and then browse for the location where the file will be saved.

The default file name is PMLRemoteKey.txt. Change the file name if needed.

Testing the GSR50 Recycler Module Functions

To test the GSR50 Recycler Module functions using PML, do the following:

- 1. <u>Accepting Notes into each Recycler Drum.</u> on the facing page.
- 2. *Dispensing Notes from each Recycler Drum to the Exit Slot.* on page 58.
- 3. <u>Purging Notes from each Recycler Drum to the Notebox (Cashbox)</u> on page 62.
- 4. <u>Replenishing Notes from the Loader Cassette to the Recycler Drum</u> on page 65. This procedure is only applicable for GSR50 Note Recycler with Loader Cassette Module.
- 5. <u>Removing Notes from the Notebox (Cashbox)</u> on page 69.

Accepting Notes into each Recycler Drum.

To accept a note into each Recycler drum, follow these steps:

1. From the Fujitsu GSR50 window, select Accept Notes.



2. As shown in the image below. Insert the notes into the *Entry Slot* of the Note Acceptor.



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To dispense the notes from the Recycler drum to the exit slot, refer to <u>Dispensing Notes</u> from each Recycler Drum to the Exit Slot. on the next page.

Dispensing Notes from each Recycler Drum to the Exit Slot.

Now that the bills have been loaded to the recycler, try to dispense the notes from the Recycler. To dispense a note from each Recycler drum to the exit, follow these steps:

- NCR Fujitsu GSR50 Note Recycler CheckHealth NCR GSR50 Note Recycler Service Object. [c] 2004 NCR. OPOS Version: 1.2.0, 11.5.196. Exit Firmware: Main: AA2900 180405, Boot: AA0800 161027, BV: US0111 Device Status Accept Notes Module Status Denom/NoteCount/Current Dispense / Purge / Load Main Г Disable Acceptor USD100.0 v 0 Loade Select Cash Box Disable Acceptor USD100:1 Sensor TOPN2 TOPN1 TPIC TOUT2 Recycler 1 Module Error Maint Main FALSE 0k Recycler Main Main Main FALSE 0k 0k 0k 0k 0k 0k 0k 0k FALSE TOUT1 Main FALSE TIN3
 TIN2
 TIN1 Main Main Main Main FALSE FALSE FALSE USD100:1 Recycler 3F USD100:1 Recycler 3R TINCK FALSE TITAG Main FALSE Main Loader Cash Box Recycler 2 Recucier 3 Notice that all the recyclers have been loaded with 1 dollar note
- 1. From the Fujitsu GSR50 window, select Disable Acceptor.

2. From the *Dispense/Purge/Load* drop-down list under *Recycler*, select how many notes per recycler to dispense then select **Dispense**. The *Remove the Cash Box Verification* window is displayed.

NCR Fujitsu GSR50 Note Recycler	CheckHealth			
Components				
NCR GSR50 Note Recycler Serv	ice Object, (c) 2004 NCR, OPOS Version	n: 1.2.0, 11.5.196.1		Egit
Firmware: Main: 662900 18040	5 Boot AA0800 161027 BV: US0111			
	.,			
Device Status:	5 0000 0 1: 0		Baut	Tallias
The Gonoulis in a healthy state,	Error, 0000, Operation Success		<u>neset</u>	Tamos
			-	
Module Status	Denom/NoteCount/Currency		Acceptor	_
Main Ok		Dispense / Purge / Load	Accessible Accession	
	USD100-0		Accept Notes Validator Log	
Loader Empty	1050100:0	Load	Save Note Image to a file	
Cash Box Normal	100:6,200:0,500:0,1000:0,2000:0,	<u>R</u> eset		
Becucler 1E Full	USD100:1		Sensors	-
	, UCD1001	<u>D</u> ispense	TOPN2 Main FALSE OF	-
Recycler 1R Full	1050100:1		TOPN1 Main FALSE OK	
Recycler 2F Full	USD100:1	0 • Butto	TPIC Main FALSE Ok	
Becucler 28 Full	USD100:1		TOUT2 Main FALSE Ok	
			TIN3 Main FALSE OK	
Recycler 3F Full	1050100:1		TIN2 Main FALSE Ok	
Recycler 3R Full	USD100:1	Select	TIN1 Main FALSE Ok	
		Dispense	TNCK Main FALSE Ok	
	Denomination Serial Number		TIAG Main FALSE UK	
	000.00		Main Loader Cash Box	
			Recycler 1 Recycler 2 Recycler 3	
	Select I	now many notes		
		clar to diananaa		
	per recy	cier to dispense		

3. Remove the Notebox (Cashbox) Module by moving the green latch to the left and then pulling the Notebox (Cashbox) Module from the chassis, as shown in the image below.



4. In the Remove the Cash Box Verification window, Select **OK** to verify that the Notebox (Cashbox) Module has been removed. The *Re-insert the Cash Box and lock the Cabinet* window is displayed.

Components						
NCR GSR50 N	ote Recycler Ser	vice Object, (c) 2004 NCR, OPOS	Version: 1.2.0, 11.5.196.1			Exit
Firmware: Mai	n: AA2900 1804	05, Boot: AA0800 161027, BV: U	150111			
evice Status:						
The GSR50 is i	n a healthy state	, Error: 0000, Operation Success		*	Reset	Talies
					^	
		D N. C . D				
10dule Status -	-	Denom/NoteLount/Lurrency-	Discuss (Durse (Lond	Acceptor	1	
tain –	UK		Dispense / Puige / Loau	Accept Notes	Validator Log	
.oader	Empty	USD100:0	0 - Load	Save Note Image to	a file	
Cash Box	Normal	100:6,200:0,500:0,1000:0,20	00 GSR50 Cash Recycler	X	dille	
ecucler 1F	Full	USD100:1			E Luci	_
		USD100-1	Verify Authorization:	PN2 Main	Error Maint	
fecycler TH	Full	1050100.1	- Chily Rathonization.	PN1 Main	FALSE Ok	
Recycler 2F	Full	USD100:1	Remove the Cash Box Then press Ok to verify	C Main	FALSE Ok	
ecycler 2R	Full	USD100:1		UT2 Main UT1 Main	FALSE OK FALSE OK	
ecucler 3F	Full	USD100:1		3 Main	FALSE Ok	
-		USD100-1	OK Cancel	2 Main	FALSE OK	
lecycler 3H	Full			CK Main	FALSE OK	
		Denomination Serial No	umber	TTAG Main	FALSE Ok	
						1
		SCO ID		Main Lo	Lash Box]
				Recycler 1 Recy	cler 2 Recycler 3	1
						-

5. Re-insert and then push the Notebox (Cashbox) Module into the corresponding frame until it snaps in place.



6. On the Reinsert the CashBox and lock the Cabinet window, select **OK** to verify that the Notebox (Cashbox) has been inserted back to the GSR50 Note Recycler.



7. Remove the notes from the *Exit Slot* of the Note Acceptor.



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To purge the note from each *Recycler drum* to the *Notebox* (*Cashbox*), refer to <u>*Purging*</u> <u>Notes from each Recycler Drum to the Notebox (Cashbox)</u> on the next page.

Purging Notes from each Recycler Drum to the Notebox (Cashbox)

To purge a note from each Recycler drum, follow these steps:

1. In the Fujitsu GSR50 window, select Accept Notes.



2. Insert the notes into the *Entry Slot* of the Note Acceptor as shown in the image below.



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3. From the *Dispense/Purge/Load* drop-down list under *Recycler*, select **All** and then select **Purge** as shown in the image below.



4. Wait while the bills are purged to the cash box.

omponents						
NCR GSR50 N	ote Recycler Ser	vice Object, (c) 2004 NCR, OP(OS Version: 1.2.0, 11.5.196.1			Esit
Firmware: Ma	in: AA2900 1804	05, Boot AA0800 161027, BV	U\$0111			
Device Status: -						
minutes to com Purging All from	plete. Recycler 1 Fron	×		ĵ.	Beset	∐alles
I Module Status -		Denom/NoteCount/Current	.y	Acceptor		
Main	Ok		Dispense / Purge / Load	Accept Notes	ValidatorLog	
.oader	Emply	USD100.0	load	C Sup Note Image	Langer con	
Cash Box	Normal	100.0.200.0.500.1.1000	00000	1 Strendstringer	0,0100	
Recycler 1F	Ful	USD100:1	ease wart	Module	Error Maint	
Recycler 1R	Full	USD100.1	Wait for Purge	Main	FALSE Ok	
Recycler 2F	Full	USD100.1		Main	FALSE OK FALSE OK	
Recycler 2R	Ful	USD100.1	Al V	Main	FALSE OK	
Recycler 3F	Ful	USD100.1	All 👻	TIN3 Main	FALSE Ok	
Recursies 2B	5.4	USD100.1		TIN2 Main	FALSE OK FALSE OK	
integrated and	1.00			TNCK Main	FALSE Ok	
		Denomination Serial	Number	TTAG Main	FALSE Ok	
		SCO ID		Main L	oader Cash Bo	34
				Recycler 1 Re	cycler 2 Recycler	13
				L		

5. Verify that the Recyclers have changed to "0" note count and the increase of notes in the Notebox (Cashbox) matches the notes that were in the Recycler drums prior to purging.

NCR GSR50 N	ote Recycler Ser	vice Object, (c) 2004 NCR, OPOS Version	n: 1.2.0, 11.5.19	6.1					E
Firmware: Ma	n: AA2900 1804	05, Boot: AA0800 161027, BV: US0111							
Device Status:									
The GSR50 is i	in a healthy state	Error: 0000, Operation Success				~	<u>R</u> ese	ł	<u>I</u> alies
4 . 4 . 6		D			A				
nodule Status		Denom/NoteCount/Currency			Acceptor				
fain	Ok		Dispense / Pu	rge / Load	Accept N	lotes	⊻alic	lator Log	
.oader	Empty	USD100.0	0 -	Load	E courte				
Cash Box	Normal	100.6,200.0,500.1,1000.1,2000.0,	Beset	- Form	I Save No	te image to	a he		
	5	USD1000			Sensors				
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Recycler 1R	Empty	USD100.0	0 💌		TOPN2	Main	FALSE	0k	
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	- + v	LUED100.0		Purge	TOUT2	Main	FALSE	Ok	
Recycler 2R	Empty	10501000	10 ·		TOUT1	Main	FALSE	0k	
Recycler 3F	Empty	USD100.0	0 🗸		TIN3	Main	FALSE	Ok	
Recurler 3R	Emoty	USD100.0	0 -			Main	FALSE	0k	
-	rubb		·		TNCK.	Main	FALSE	0k	
		Denomination Senamonioer	1		TTAG	Main	FALSE	0k	
					Heir		. 1	Cubbu	
		SCO ID			Man		19061	Lash Box	
		L			Recycler 1	Recy	cler 2	Recycler 3	

Note: If the Recyclers doesn't change to "0", there's a possibility that the notes are jammed in the Recycler drum. For more information, refer to *Jams in the Recycler Module*.

Depending on the existing configuration, do any of the following:

- Replenish a note from the Loader Cassette from the Recycler drum. For more information, refer to <u>Replenishing Notes from the Loader Cassette to the Recycler Drum</u> on the facing page. This procedure is only applicable for GSR50 Note Recycler with Loader Cassette Module.
- Remove the notes from the Notebox (Cashbox). For more information, refer to <u>Removing Notes from the Notebox (Cashbox)</u> on page 69.

Replenishing Notes from the Loader Cassette to the Recycler Drum

This procedure is only applicable to GSR50 Note Recycler with Loader Cassette Module. To replenish a note from the Loader Cassette to a Recycler drum, follow these steps:

- 1. Place the notes to the Loader Cassette by doing the following:
 - a. Remove the Loader Cassette from the GSR50 Note Recycler unit by moving the green latch to the left and then pull the Loader Cassette from the chassis, as shown in the image below.



b. At the back of the Loader Cassette, push down the green button to release the lid.



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c. Lift the lid to open the Loader Cassette.



CCP-61295

d. Place the notes in the Loader Cassette. Make sure that the notes are under the clip as shown in the image below.



CCP-74587

- e. Close the lid of the Loader Cassette. Insert and then push the Loader Cassette into the Loader Frame until it snaps in place.

2. In the Fujitsu GSR50 window under Dispense/Purge/Load, change the Loader dropdown list to **All** and select **Load** as shown in the image below.

NCR GSR50 N	ote Recycler Ser	vice Object, (c) 2004 NCR, OPOS Version	1.2.0, 11.5.196.1		Ejyt
Firmware: Mai	rc AA2900 1804	05, Boot AA0800 161027, BV: US0111			
Device Status: -					
The GSR50 is i	in a healthy state	Error: 0000, Operation Success		S	elect <u>A</u> Beset Ialies
		Change to All		L	_oad
		- · · · · · · · · · · · · · · · · · · ·		Ī	
Module Status		Denom/NoteCount/Currency			Acceptor
Main	Ok		Dispense / Purge /	Load	Accept Notes Validator Log
Loader	Empty	USD100.0	All 💌	Load	
Cash Box	Normal	100.6,200.0,500.1,1000.1,2000.0	<u>B</u> eset	-	
Recycler 1F	Empty	USD100.0	0 -		Sensor Module Error Maint
Recycler 1R	Empty	USD100:0	0 -	Lispense	TOPN2 Main FALSE Ok
December 2E	Fuch	[USD100.0	0 -		TOPN1 Main FALSE Ok
necyclei zr	Linply			Purge	TOUT2 Main FALSE OK
Recycler 2R	Empty	USD100.0	0		TOUT1 Main FALSE Ok
Recycler 3F	Empty	USD100:0	0 💌		TIN3 Main FALSE Ok
Decusive 20	Enab	USD1000			TIN2 Main FALSE Ok
necyclei on	Empty		1* -		TNCK Main FALSE Ok
		Denomination Serial Number			TTAG Main FALSE Ok
		· · · · · · · · · · · · · · · · · · ·			
		SCO ID			Main Loader Cash Box
					Recycler 1 Recycler 2 Recycler 3

3. Enter the number of notes you want to load then select Load. Wait for it to load.

Load the Loader
 Remove the Loader Empty the loader. Add notes - sorted by denomination. Place all Loader denomination notes on top only. Replace the Loader Enter the total note counts for the loader denomination Press the load button.
USD: 100 6
Load Cancel

4. Verify that all the Recyclers have notes and the Loader has zero, as shown in the image below.

Example: Illustration below shows USD as currency and 100 = \$1 note. This may vary depending on the country and configuration of the GSR50 Note Recycler.

2011ground has									
NCR GSR50 N	ote Recycler Ser	vice Object, (c) 2004 NCR, OPOS Versio	n: 1.2.0, 11.5.196.1						Ež
Firmware: Ma	in: AA2900 1804	05, Boot AA0800 161027, BV: US0111							
Device Status: -								1	
The GSR50 is i Replenish Com	in a healthy state pleted	Error: 0000, Operation Success				<u></u>	<u>R</u> eset		<u>I</u> alies
, Module Status -		Denom/NoteCount/Currency			Acceptor				
Main	0k		Dispense / Purge / Lo	ed be	Accept No	tes	Validato	Log	
Loader	Empty	USD100.0	0 •	. 1					
Cash Box	Normal	100.6,200.0,500.1,1000.1,2000.0	Reset	ad	Save Note	Image to a f	ile		
Recycler 1F	Full	USD100:1	0 •	16	Sensors	Madula	Euro A	A size 1	-
Recycler 1B	Ful	USD100:1	0 •	ense	TOPN2	Main F	ALSE	Ok	-
Passalar 25	6.4	USD1001	0 1		TOPN1	Main F	ALSE	Ok Oh	
	Full	1000100.1	Pu Pu	rge		Main F	ALSE	0k	
Recycler 2R	Full	0501001	10 -		TOUT1	Main F	ALSE	0k	
Recycler 3F	Full	USD100:1	0 🔹		TIN3	Main F	ALSE	0k	
Recucler 3R	Eul	USD100:1	0 •			Main F	ALSE	0k	
-	1.04				TNCK.	Main F	ALSE	0k	
		Denomination Serial Number	•		TTAG	Main F	ALSE	0k	
					Main	Loade	.	Cath Box	
		SCUID			1 run			5-5-1- D-04	
					Recycler 1	Recycle	#2	Recycler 3	
				L.					

To purge the notes from each Recycler from each drum, refer to <u>Purging Notes from each</u> <u>Recycler Drum to the Notebox (Cashbox)</u> on page 62.

Removing Notes from the Notebox (Cashbox)

To remove the notes from the Notebox (Cashbox), follow these steps:

1. Remove the Notebox (Cashbox) Module by moving the green latch to the left and then pulling the Notebox (Cashbox) Module from the chassis, as shown in the image below.


- 2. Hold the Cashbox, slide the lid in the directions shown, then lift to open the Notebox (Cashbox).
- **Note:** Do not let go of the lid. If you slide the lid and then let go, the spring pulls it back in palce and you can't lift it.



CCP-61304

3. Slide the green Pusher to remove notes.



4. Close and then push down the lid until it snaps in place.



5. Insert and then push the Notebox (Cashbox) Module into the corresponding frame until it snaps in place.