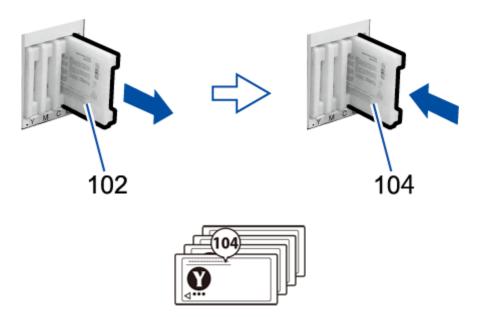
Inkjet Printer-Ink Replacement Instructions



Our manufacturer has discontinued the current line of ink used in our printers. We will begin a transition to using a new ink cartridge/formula gradually over the next 12 to 18 months. The ink type will change from 102 to 104

This means running a simple update and ink swapping procedure to accommodate the new ink formula on all our printers. Noritsu QSS equipment affected by the ink change are models D703, D1005 and QSS-Green, QSS-Green II, QSS-Green III and the QSS-Green IV.

The D502 and D701 will not be compatible with the new ink

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1.0-Important notes before starting the ink replacement operation

The operation is expected to take approximately 1 hour per printer. Please allocate sufficient time for the replacement work. Once the operation has been initiated, it is important to ensure that it is not interrupted until completion.

Print a Nozzle check pattern and make sure all is normal.

Verifying the Waste Ink Tank Usage Rate

If you encounter the following attention messages on the screen: "NO.02156: Waste ink is nearly full" or "NO.02157: Waste ink is full," the ink replacement work cannot be performed. You can check the usage rate of the waste ink by going to the Printer Operation Information display.

Remote Desktop Connection

If your system includes a Printer PC, please ensure that the Operation PC can establish a Remote Desktop Connection with the Printer PC in advance.

1.1-Necessary items for the ink replacement operation

New Ink Cartridges 104

H086162-00- Ink Cartridge 104 BK H086163-00- Ink Cartridge 104 C H086164-00- Ink Cartridge 104 M H086165-00- Ink Cartridge 104 Y

Software

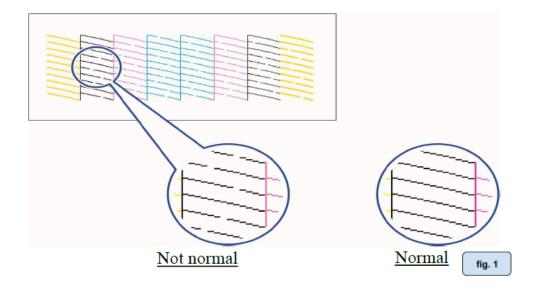
You will be able to download the software via a web link that you will receive by email.

Program Name	System Program Kit		Image Processing Module	Profile Data	
Model	Part Number	Version	Part Number / Version	Part Number / Version	
D703	Z040093-01	8.00			
D1005	Z040101-01	9.00			
QSS Green	Z040117-01	6.00		704012E 01 / Vor NE 00	
QSS Green II	Z040107-01	6.00	Z040227-01 / Ver 3.00	Z040125-01 / Ver N5.00	
QSS-Green III	Z040112-01	2.00			
QSS-Green IV	Z040122-01	3.00			

1.2-Print the Nozzle check pattern

Print the Nozzle check pattern, confirm there are **no clogged nozzles** or **smudges**. See (fig.1)

If you have multiple printers, please connect to each printer and perform the nozzle check pattern



Important Do not perform the ink replacement procedure if there is a clogged nozzle or smudges, ongoing issues with the printhead Please call 800-461-9517 for service

1.3-Saving the backup data of the printer

From the Controller Main Display - Click F - Management Tool - System management - Data management - Reading and Writing Data (fig.2)

/riting Data			
Output Media	Path Se	etting	
		Write	
eading Data			
Туре			
Read all data			
C Read user setting data			
C Read from Noritsu-eNET			
Input Media			
	Path S	etting	
		Read	

Ideally there should be a folder destination in the Output Media box, the default is C:\Noritsukoki\DailyBKData. If you have changed the folder destination do not change it, leave as is.

Click "Write" to save the backup data.

Once the Data has been saved, click Back and return the the the Controller Main Display

1.4-Verifying the Waste Ink Tank Usage Rate

From the Controller Main Display - Click F - Management Tool - System management - Printer setting - Select the printer in question - Click Maintenance - from the Printer Information Display click on Maintenance - Extension - Maintenance - Printer Operation Information (fig. 4)

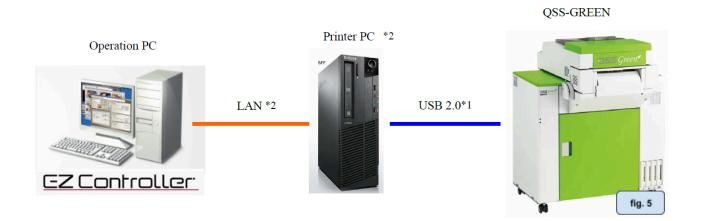
If you have multiple printers, please perform this step for each printer

000 07119 2007/07/30 13:01 Printer Door is open. 001 07119 2007/07/25 16:20 Printer Door is open. 002 07119 2007/07/25 11:51 Printer Door is open. 003 07129-00001 2007/07/25 11:51 Printherd Paper Sensor error. 004 07120-00002 2007/07/24 19:09 Printhead Paper Sensor error. 005 07120-00002 2007/07/24 19:07 Paper has jammed in the printer section. 006 07120-00002 2007/07/24 19:07 Paper has jammed in the printer section. 006 07120-00002 2007/07/24 19:06 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 0101 Deletion of Recorded I Deletion of Recorded I 0102 <th></th>	
002 07119 2007/07/25 11:51 Printer Door is open. 003 07129-00001 2007/07/24 19:09 Printhead Paper Sensor error. 004 07120-00002 2007/07/24 19:09 Paper has jammed in the printer section. 005 07120-00002 2007/07/24 19:07 Paper has jammed in the printer section. 006 07120-00002 2007/07/24 19:06 Paper has jammed in the printer section. 006 07120-00002 2007/07/24 19:06 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. Deletion of Recorded I Mumber of Head Cleanings Total Print Counts O prints O prints Deletion of Recorded I Waste ink tank usage rate 52% Deletion of Recorded I	
003 07129-00001 2007/07/24 19:09 Printhead Paper Sensor error. 004 07120-00002 2007/07/24 19:08 Paper has jammed in the printer section. 005 07120-00002 2007/07/24 19:07 Paper has jammed in the printer section. 006 07120-00002 2007/07/24 19:06 Paper has jammed in the printer section. 006 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. Deletion of Recorded I Mumber of Head Cleanings 51times Deletion of Recorded I Total Print Counts 251 prints Deletion of Recorded I Waste ink tank usage rate 52%	
004 07120-00002 2007/07/24 19:08 Paper has jammed in the printer section. 005 07120-00002 2007/07/24 19:07 Paper has jammed in the printer section. 006 07120-00002 2007/07/24 19:06 Paper has jammed in the printer section. 007 07120-00002 2007/07/24 19:06 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 008 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. Number of Head Cleanings 51times Deletion of Recorded I Number of Head Cleanings 51times Deletion of Recorded I Total Print Counts 20 0 prints Waste ink tank usage rate 52% Deletion of Recorded I	
005 07120-00002 2007/07/24 19:07 Paper has jammed in the printer section. 006 07120-00002 2007/07/24 19:06 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. Deletion of Recorded I Number of Head Cleanings 51times Deletion of Recorded I Total Print Counts 251 prints Deletion of Recorded I Waste ink tank usage rate 52% Deletion of Recorded I	
006 07120-00002 2007/07/24 19:06 Paper has jammed in the printer section. 007 07120-00002 2007/07/13 13:35 Paper has jammed in the printer section. Deletion of Recorded I Number of Head Cleanings 51times Deletion of Recorded I Total Print Counts 251 prints Deletion of Recorded I Total Print Counts 2 0 prints Deletion of Recorded I	
007 07120-00002 2007/07/13 13:35 Paper has lammed in the brinter section. Deletion of Recorded I Number of Head Cleanings 51times Deletion of Recorded I Total Print Counts 251 prints Deletion of Recorded I Total Print Counts 2 0 prints Deletion of Recorded I	
Deletion of Recorded I Number of Head Cleanings 51times Total Print Counts 251 prints Total Print Counts 2 0 prints Waste ink tank usage rate 52%	
Number of Head Cleanings 51times Deletion of Recorded I Total Print Counts 251 prints Deletion of Recorded I Total Print Counts 2 0 prints Waste ink tank usage rate 52% Deletion of Recorded I	
Total Print Counts 251 prints Deletion of Recorded I Total Print Counts 2 0 prints Waste ink tank usage rate 52% Deletion of Recorded I	ata
Total Print Counts 2 0 prints Waste ink tank usage rate 52%	ata
Waste ink tank usage rate 52% Deletion of Recorded I	ata
Waste box usage rate 26% Deletion of Recorded I	ata
	ata
File Output Back	iatai
	iata

Important If the waste tank is at 80% Please call 800-461-9517 for service

1.5-Remote Desktop Connection to the Printer PC

If you have a D703, D1005 or GREEN series printer, you may have a Printer PC. One method to verify there will be one Operation PC (the Ez-Controller software is installed). From the Operation PC to the Printer PC, there will be a LAN / network cable. The Printer PC is connected to the d703, Green or Green IV with a USB cable. Note the Printer PC will not have a monitor, keyboard or mouse. (fig. 5)



On the Operation PC, you should have Remote Desktop Connection

If you have a Windows 7 PC, Click on Start - All Programs - Accessories - Remote Desktop Connection (fig.6)

Type in the IP address of the Printer PC.



Note the IP address of the Printer PC can be different from the example above. You can find the IP address when you go to printer settings of EZ-Controller F - Management Tool - System Management - Printer Settings (fig.6a)

nter setting	Display Number [5114 - 00]	[SP]		
No.	Printer name	Machine Type Name	IP Address	
001	QSS-35PLUS	QSS-3501F PLUS	192.168.1.11	
-				fig

1.5-Remote Desktop Connection to the Printer PC - continued

When prompted for the username and password enter

Username: Administrator Password is 999999 or 2260

1.5-Remote Desktop Connection to the Printer PC - continued

If you have a Windows 10 or 11 Click on the Windows Icon - All Apps - Windows Tools (fig. 7)

→ · ↑ 卷 · Control Pa	nel > All Control Panel Items > Windows Tools					✓ ♂ Search Windows Tools
rganize 🔻						8. *
📩 Quick access	Character Map	Command Prompt	Component Services	Computer Management	Control Panel	Defragment and Optimize Drives
OneDrive - Personal This PC	Disk Cleanup	Event Viewer	iSCSI Initiator	Local Security Policy	ODBC Data Sources (32-bit)	ODBC Data Sources (64-bit)
Local Disk (D:)	Performance Monitor	Power Automate	Print Management	Recovery Drive	Registry Editor	Remote Desktop Connection
Network	Resource Monitor	Run	Services	Steps Recorder	System Configuration	System Information
	Task Manager	Task Scheduler	Windows Defender Firewall with Advanced Security	Windows Fax and Scan	Windows Media Player	Windows Memory Diagnostic
	Windows PowerShell	Windows PowerShell (x86)	Windows PowerShell ISE	Windows PowerShell ISE (x86)	A= WordPad	

Type in the IP address of the Printer PC (fig. 8)

💐 Remote D	esktop Connection		- 🗆 🗵
2	Remote Desktop Connection		
<u>C</u> omputer:	192.168.1.11 Co <u>n</u> nect Cancel	▼ <u>H</u> elp	<u>O</u> ptions >>
			fig. 8

Note the IP address of the Printer PC can be different from the example above. You can find the IP address when you go to printer settings of EZ-Controller F - Management Tool - System Management - Printer Settings

Printer setting	Display Number [5114 - 00]	[SP]		
No.	Printer name	Machine Type Name	IP Address	
001	QSS-35PLUS	QSS-3501F PLUS	192.168.1.11	

When prompted for the username and password enter

Username: Administrator Password is 999999 or 2260

1.6 Alternative Zip Utility

Apparently the default compression software in Windows will not unzip the complete files. We suggest downloading the software below.

WinZip can be downloaded here: <u>https://www.winzip.com/</u> The file can be downloaded here: <u>https://www.7-zip.org</u>

1.7-Saving the files on the EZ-Controller Computer.

From the Main Display, click on F - Quit the Application (fig.9)

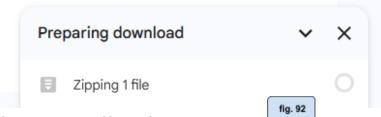
M5001 Controller	Main Display								
Status Deli	very Time Judgment	PRINT MEDIA	Order	Quantity	Paper	Output device	^		
								Output Media	₽⇒⊅
			Functions					Тор	
				Start Up Che	ecks			-	
				Daily Setu	ıp			Information Start	Pause
			Pr	ocess result inf	ormatior	1		1	. 11
				Management	Tool				
				Printer sett	ing			-	
				Tool				Bottom	
				Close Down C	hecks		~		
		Proceeding.		Mail			0	Delete	
_		_		Version Inform	nation				
GREEN QSS-GREEN Online	_ 127(2) _ 127(4) _ A4(BL+)(1)	i		Quit The Appli	cation	er Serie		6	
					Bac	:k	/	STA STC	
F			Total Print Counts	0000000	0	HD free space	259.3GB		
Executing									o fig. 9

You will receive an email to a direct link to download the software. If your EZ-Controller computer has internet access, download the folder. If your EZ Controller computer does not have internet access, follow these instructions

From your link you will get into your model folder. Click on the arrow beside the model name, then click Download

🔥 Drive	Q Search in Drive				荘		? 🕸 III
+ New	Shared with me >	Green IV -	ස				
Home	Type • People •	💽 New folder		_			
My Drive	Name 🛧	Open with)	•	Last modified 🗸	File size	:
Computers	ImageProcessingModu	Download Rename		nckenzie	Jun 6, 2024 jmckenzie	_	÷
Shared with me	ProfileData_DiskImage			nckenzie	Jun 6, 2024 jmckenzie	_	÷
☆ Starred	QSS-GREEN-IV_DiskIm		,	nckenzie	Jun 6, 2024 jmckenzie	_	:
() Spam		G Folder information	tion I	•			
🔟 Trash		Remove					
🛆 Storage				_			
13.7 GB of 100 GB used							
Get more storage							

The Google Drive will zip the folder and you will be able to download the file. Be aware Google Drive will rename the folder with its own naming convention, for example to Green IV-YYYMMDDT203429Z-001.zip



Note this might take a few minutes. (fig.92)

Then a dialog window will appear, prompting you to save the zipped folder. Click on "Save." It will most likely be saved in the Downloads folder. If you have changed your browser settings for saving files, the file will be saved in the folder you have specified. (fig.93)

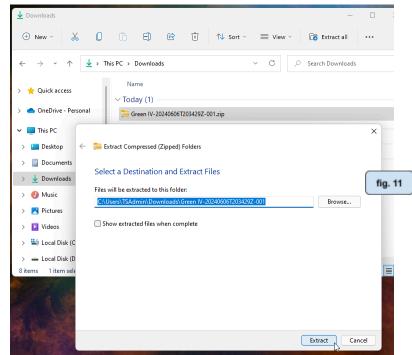
👋 Enter name of file to save to		×
\leftarrow \rightarrow \checkmark \uparrow \checkmark \checkmark This PC \rightarrow Downloads	✓ C Search Downloads	
Organize 👻 New folder	≣ ▼	•
 > Cuick access ConeDrive - Personal This PC Desktop Documents Documents Downloads Music Pictures Videos Videos Local Disk (C:) Local Disk (D:) Lexar (E:) 	Name	fig. 93
> Lexar (E:)		
File name: Green IV-20240606T203429Z-001.zip		~
Save as type: Compressed (zipped) Folder (*.zip)		\sim
∧ Hide Folders	Save	el Gar

Navigate to the folder where you saved the zipped file.

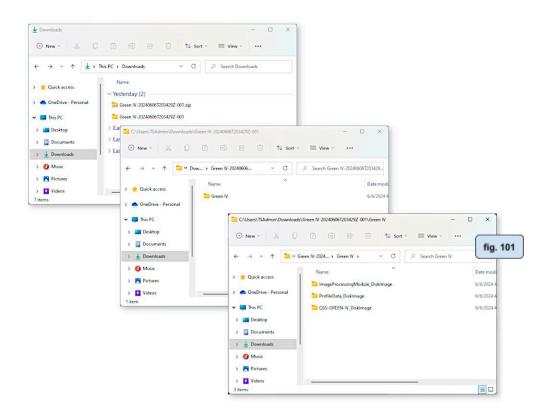
Right click on the zipped file and select Extract All...(fig.10)

		— c	× c
🕀 New 🗸 🚺			
← → · ↑ <u>↓</u> → T	his PC > Downloads	 C C Search Downloads 	
> 🌟 Quick access	Name V Today (1)		
> 🌰 OneDrive - Personal	🚞 Green IV-20240606T2	2.407 001 -:-	
✓ 📮 This PC	> Yesterday (1)	X 🛛 E) 🖻 🗊	
> 📒 Desktop	> Last week (3)	Copen Enter	
> 📑 Documents	> Last month (3)	So Open with	
> 🛓 Downloads		Open in new window	
> 🕗 Music		Co Extract All	
> 🔀 Pictures		Pin to Start	fig. 1
> 🚺 Videos		Compress to ZIP file	
> 🛀 Local Disk (C:)		🛄 Copy as path	
> 🕳 Local Disk (D:)		Properties Alt+Enter	
8 items 1 item selected 444 M	В	C Editwith Notonad	

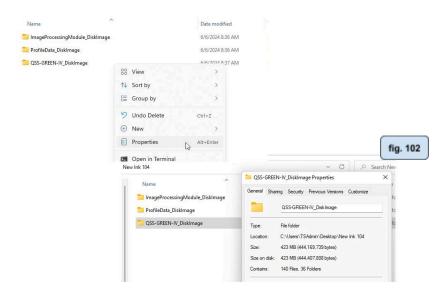
Let the built in Windows compression application extract the files in the same location where you saved the zipped file. (fig.11)



Once the downloaded file is unzipped open the folder, in this example there will be a folder named Green IV, but the folder will be named after your equipment model. Enter in the Green IV folder and make sure all 3 folders have been unzipped. (fig.101)

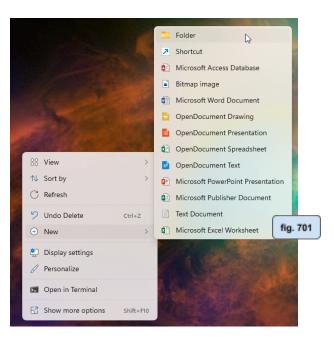


Note: Verify the folder sizes. Right click on the folder and select properties. (fig.102)

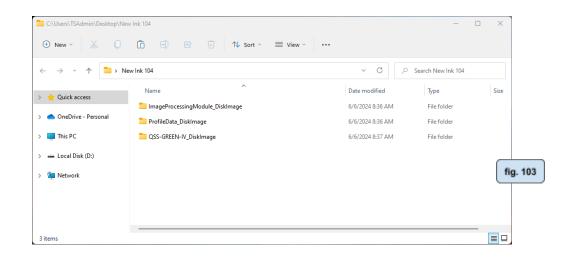


Please see this page for the folder names and sizes.

Once the files are unzipped, right click on the desktop, go to New and select Folder. Name the folder **New Ink 104**. (fig.701)



In the folder place the unzipped files in the folder (fig.103) ImageProcessingModule_DiskImage ProfileData_DiskImage QSS-GREEN-IV_DiskImage (varies by model)



Please note in this example we used the QSS-GREEN-IV_DiskImage

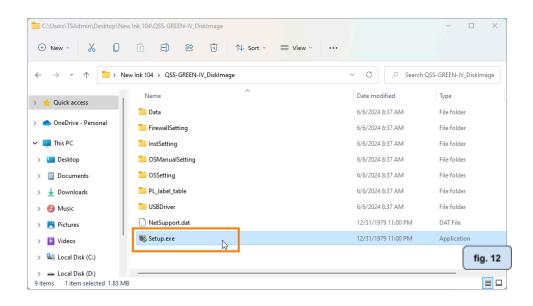
See this <u>page</u> about the default Windows compression software.

1.8-Install the maintenance software of the printer

In this example we will install the maintenance software of the QSS Green IV printer Navigate to the New Ink 104 folder.

Open the QSS Green IV_DiskImage folder.

Your folder will be named according to your model: QSS(your model)_DiskImage Locate the Setup.exe file and double click on it. (fig.12)



At the screen below make sure you select:

Install the maintenance software only (on the local PC) *Hint: It's the last option in the list.*

Select Unit measurement from the drop down option, either Foot/Inch or Meter (fig.13)

	ce software only (on local PC)
purpose.	onal PC was installed for order processing or maintenance is to be installed separately on the network-connected PC.
Software to be installe - Maintenance softwa	ed: re (to be installed on this PC)

1.8-Install the maintenance software of the printer - Continued

Follow the instructions on the screen and proceed with the installation.

Once the installation is complete, select "Yes, I will restart the PC now." and click "Finish". (fig.14)

Install	
Installation finished.	
Restart the PC to use the program.	
Yes, I will restart the PC now.	
C No, I will restart the PC later.	
	Finish
	fig. 1

1.9-Copying the files to InkChangeWizard Folder

Once the computer restarts, quit the EZ-Controller software again. From the Main, click on F - Quit the Application

Now navigate to the folder **New Ink 104** and select ImageProcessingModule_DiskImage ProfileData_DiskImage QSS-GREEN-IV_DiskImage, your folder will be named according to your model:QSS-(your model)_DiskImage

Copy all the folders, you can also press Ctrl+C on the keyboard. (fig.15)

		· · · ·	
\leftrightarrow \rightarrow \checkmark \uparrow \square > Ne	aw Ink 104	 ✓ C	New Ink 104
- Quick access	Name	Date modified	Туре
Concentress	ImageProcessingModule_DiskImage	6/6/2024 8:36 AM	File folder
 OneDrive - Personal 	🚬 ProfileData_DiskImage	6/6/2024 8:36 AM	File folder
This PC	CSS-GREEN-IV_DiskImage	Copy (Ctrl+C) M	File folder
> 🛅 Desktop		× C 🗗 🛈	
> 📓 Documents		Dpen	Enter
> 🛓 Downloads		Open in new window	w
> 🕢 Music		Pin to Quick access	
> 🔀 Pictures		Compress to ZIP file	
> 🔀 Videos		Copy as path	
> 🛀 Local Disk (C:)		copy as parti	

Once copied, navigate to C:\Noritsukoki\Printer\InkChangeWizard Right click in the window and select Paste, you can also press Ctrl+V on the keyboard. (fig.16)

⊕ New × 👗 🔲		N↓ Sort ~ 🗮 View ~ ····				
Thi	is PC > Local Disk (C:) > Noritsukoki	> Printer > InkChangeWizard		~ C		rd
Ouick access	Name	^	Date	modified	Туре	Size
	📒 Images		5/8/2	024 3:19 PM	File folder	
length - Personal	MSG		5/8/2	024 3:19 PM	File folder	
This PC	📒 Uninstall		5/8/2	024 3:19 PM	File folder	
> 🛄 Desktop	Tmls 🔁		5/8/2	024 3:19 PM	File folder	
> 📑 Documents	InkChangeWizard.exe		6/14/	2023 2:15 PM	Application	1,
> 🛓 Downloads	InkChangeWizard.exe.config	88 View	>	023 1:31 PM	CONFIG File	
> 🕑 Music	InkChangeWizard.xml	↑↓ Sort by	>	023 8:33 AM	XML Document	
> 🔀 Pictures	LibNoritsuPrinter.dll	E Group by	>	023 8:33 AM	Application extension	
> 🔛 Videos	RegRunOnce.exe	(+) New	>	023 9:45 AM	Application	
> 🖳 Local Disk (C:)	🖫 RisInstaller.bat	0	,	023 9:29 AM	Windows Batch File	
> Local Disk (D:)	UninstallApp.exe	E Properties	Alt+Enter	023 9:45 AM	Application	
	UpdateDriver.exe	Dpen in Terminal		023 9:45 AM	Application	
 Local Disk (D:) Network 		Paste (Ctrl+V)	Shift+F10			fig. 16

2.0-Procedures for InkChangeWizard

If EZ-Controller is opened make sure to quit the EZ-Controller software. (fig.17)

			<u> </u>	<u> </u>	33.	?			
Status	Delivery Time Judgment	PRINT MEDI	A Order	Quantity	Paper	Output device			
							<u>^</u>	Output Media	B-O
								Output Media	
								Тор	
								^	
			Functions						
				Start Up Checks				Information Star	t Pause
				Daily Setup				(i) 🕨	- 11
				Process result informa	tion				
				Management Tool					
				Printer setting				Bottor	
				Tool				Bollo	
				Close Down Check	5			Interrupt	
		_		Mail					
No. of Concession, name		Proceed	ing	Version Information		ber of Orders	0	Delete	
		-		Quit The Application				1	
QSS-	Green-4 254	0			Back	S-Gro.			
QSS-GF	REEN-IV	(i					_	1	
Online								ST/	RT
L								ST	
					_				
F			Total Print C	Counts 000000	21	HD free space	379.6GB		fig. 17

O Sea	arch for apps, settings, and documents	
All ap	ops Karal	ack
۵	GoToAssist Expert	
-	Greenshot	~
Н		
411	HP Audio Control	
•	HP Support Assistant	
Ø	HP System Information	
I.		
8	IJ PrinterCalibration	
	InkChangeWizard New	
_	Inkscape	~
3	Intel(R) Management and Security Status	
4	Intel® Graphics Command Center	
intel	Intel® Optane [™] Memory and Storage Management	
8	Frank Agostino	Ċ
D Se	arch 🏾 🌇 🖬 🖕 🚛 📭	fig. 17A

Click the Start or the Windows Icon on the taskbar. Click on All Apps and search for the InkChangeWizard icon. (fig.17A)

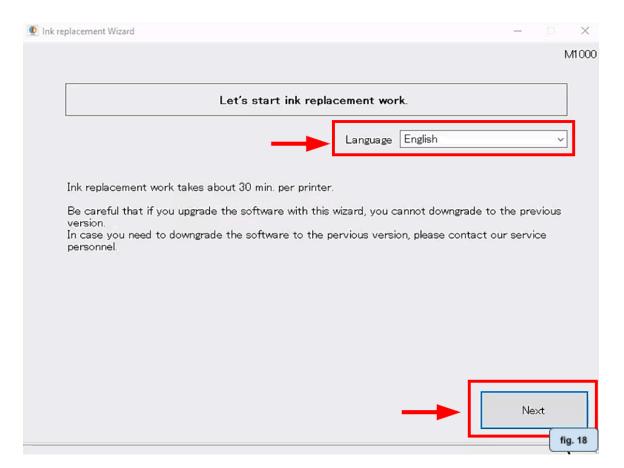
Depending on the Operating System you may also find it in Programs or All Programs.

You can also find the InkChangeWizard in the C:\Noritsukoki\Printer\InkChangeWizard folder.

2.0-Procedures for InkChangeWizard - Continued

1 Select the language 'English'

2 Press Next (fig.18)



2.0-Procedures for InkChangeWizard - Continued

The InkChangeWizard will detect your printer. (fig.19)

Ink replacement Wizard	- 0	×
	Μ	11100
Select th	e printer that you want to replace the ink.	
	5.°A	
	Detecting the printer.	
End	Profile installation	
	fig.	19

Once the InkChangeWizard detects your printer

Choose the printer for ink replacement and proceed by pressing Next. (fig.20)

	Select the printer	that you want to replace t	he ink.
Modelinam	QSS-GREEN-IV	eter name QSS-GREEN-IV	Network address 192.168.10.224
6 (S7N	42470037		037 IPM Version 1.0"
Statu	is .	Operat	ing with the previous inl

2.0-Procedures for InkChangeWizard - Continued

Once this display appears, place a check mark on the items and press next. (fig.21)

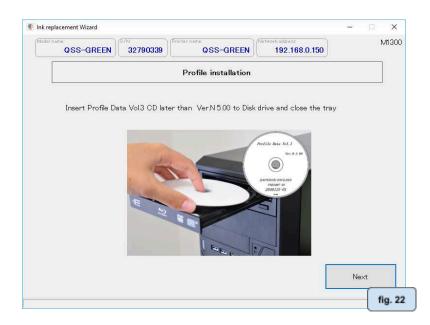
replacement Wizard al name QSS-GREEN-IV 42470037 Printer name QSS-G	- C X M120 MEEN-IV 192.168.10224
Confirm if you have	the following items.
QSS-GREEN-IV SYSTEM PROGRAM Ver3.00 or later	Module Ver.3.00 or later
Profile Data Vol3 Ver.N 5.00 or later	Ink Cartridge (104)
Roll paper	
Back	Net
	fig.

2.1 Install the Profile Data.

Confirm the following screen appears, you should see *Insert Profile Data Vol3 CD later than Ver5.00 to Disk drive and close the tray*.

Note if you copied the files to C:\Noritsukoki\Printer\InkChangeWizard folder, the illustration depicting CD insertion/removal serves as a visual aid only.

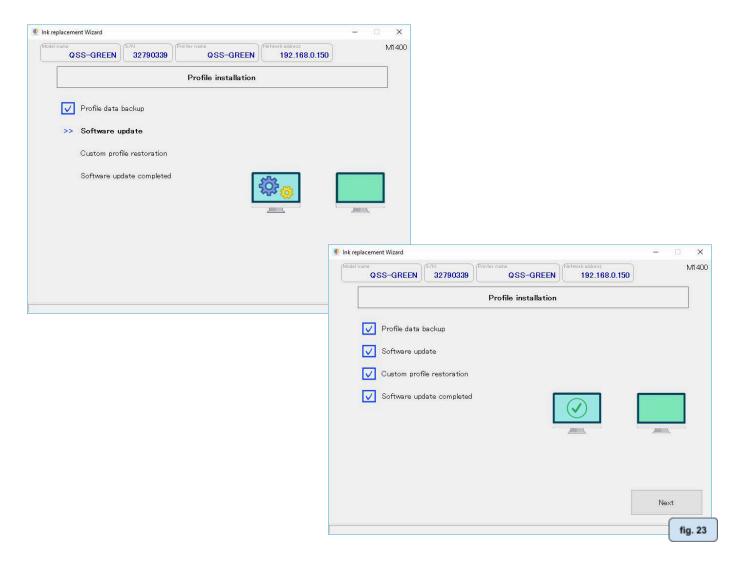
Click "Next". (fig.22)



Attention if you have not copied the

- ImageProcessingModule_DiskImage
- ProfileData_DiskImage
- QSS-(your model)_DiskImage

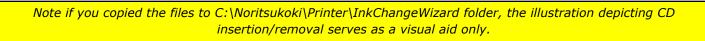
To the C:\Noritsukoki\Printer\InkChangeWizard folder of your operation PC You will not be able to press the Next button The Profile installation will occur.



Once the installation is complete press Next (fig.23)

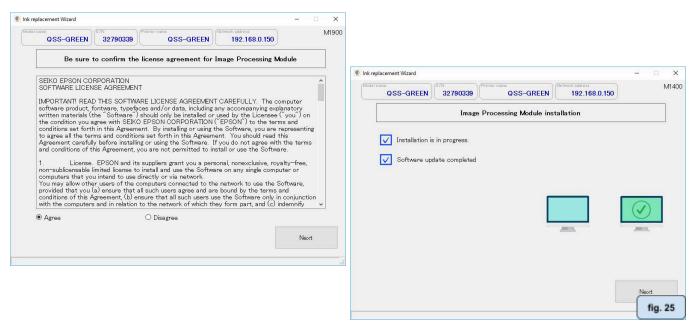
2.2-Install the Image Processing Module

Confirm the following screen appears, it should indicate *Insert CD later than Image Processing Module Ver3.00 to Disk drive and close the tray.*



Click Next (fig.24)





Select "Agree" and click "Next". Follow the instructions on the screen. (fig.25)

2.2-Install the Image Processing Module - Continued

Once the Image Processing Module is installed, this screen should appear. *Remove the CD from Disk drive.*

Note if you copied the files to C:\Noritsukoki\Printer\InkChangeWizard folder, the illustration depicting CD insertion/removal serves as a visual aid only.

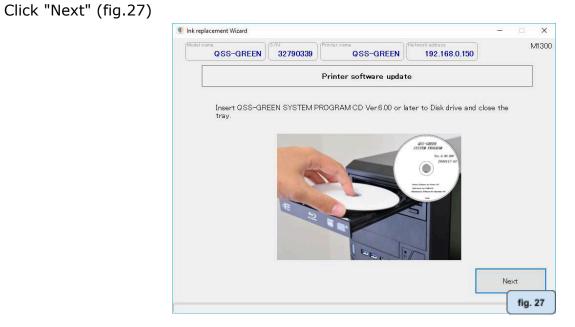
Click the Next button(fig.26)

🌻 Ink replacement Wizard				- 🗆 🗙
Model name QSS-GREEN	S/N 32790339	QSS-GREEN	letwork address 192.168.0.150	M130
	Image Pr	ocessing Module insta	allation	
Remove the CD	from Disk drive.			
Hemove the OD	Hom Disk unive.			
	and the second second	-		
	R	4		
	here			
	1C #			
		Lee, i		fig. 26
				(-
				Next

2.3-Install the Printer Software

The following screen should appear, *Insert Your Printer SYSTEM PROGRAM CD Ver. 6.00 or later* to the Disk drive and close the tray.

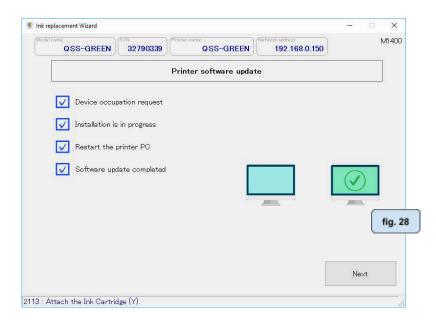
Note if you copied the files to C:\Noritsukoki\Printer\InkChangeWizard folder, the illustration depicting CD insertion/removal serves as a visual aid only.



Ink replacement Wizard				- 🗆 🗙
QSS-GREEN	32790339	QSS-GREEN	Network address 192.168.0.150	M140
	Pri	nter software updat	te	
Device occu	pation request			
>> Installation	is in progress.			
	ing the file			
Restart the	nrintor PC			
Tiestal t the	printer r O			
Software up	date completed			

2.3-Install the Printer Software - Continued

Once the Printer software update has completed press the Next button. (fig.28)



Depending on the setup of your equipment you might encounter one of the two options.

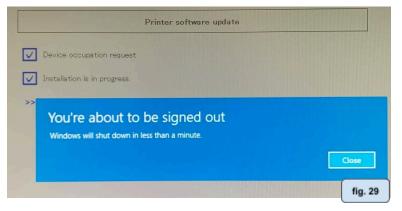
You might be prompted with the screen indicating:

You're about to be signed out (fig.29) if you have this screen go to page 30

or

Start remote desktop connection (fig.32) go to page 31

2.4-You're about to be signed out



Once this screen appears, the PC will shutdown and automatically restart.

This might occur if you have your printer connected directly with a USB cable to the EZ-Controller PC



After restarting the Operation PC, if the following "Windows Security" screen appears make sure you put a checkmark on **Always trust software from NORITSU PRECISION CO LTD.**, and click Install (fig.30)

Ink replacement Wizard					
Model name QSS-GREEN	(S/N 32790339	QSS-GREEN	Network address 192.168.0.150		M200
	Printer so	ftware update has co	ompleted.		
Ink replacement Press [Next]	work continues.				
Fless [Next]					
				Nex	t
			L		
3 : Attach the Ink Cartri	dge (Y).				fig. 31

Once the Operation PC restarts the procedure to replace the inks will commence, click Next. (fig.31)

Once you click next it should forward you to Section <u>3.0-Ink Cartridge Replacement</u>

2.5-Start remote desktop connection

Make a remote desktop connection to update the USB driver of the printer PC. 1. Press [Start remote desktop connection] button. 2. Press [Yes] on the Remote Desktop Connection warning screen. 3. On the "Windows Security" screen, check "Always trust software from NORITSU PRECISION CO., LTD." and press [Install]. If the "Windows Security" screen does not appear, no action is required.Go to step 4. 4. After the "Windows Security" screen goes off, press [X] button on the top of the remote desktop connection screen to exit the remote desktop connection. Ink replacement Wizard resumes. Start remote desktop connection	(Model nam	u SZAN Albrinder anne Albertenvik addrece USB driver update	×	M1
		 Press [Start remote desktop connection] button. Press [Yes] on the Remote Desktop Connection warning screen. On the "Windows Security" screen, check "Always trust software from NORITSU PRECISION CO., LTD" and press Install. If the "Windows Security" screen does not appear, no action is required. Go to step 4. After the "Windows Security" screen goes off, press [X] button on the top of the remote desktop connection screen to exit the remote desktop connection. Ink replacement Wizard resumes. 		

If the screen (fig.32) appears click on **Start remote desktop connection**.

Please note this may only happen with you have a Printer PC

	USB driver update		×	
6	Make a remote 1. Press [Start 2. Press [Yes] < 3. On the "Wine PRECISION CC If the "Windows 4. After the "W remote desktor Ink replacemen	Windows Security Enter your credentials These credentials will be used to connect to 192.168.0.40. Administrator password PC-NRT-RS23¥Administrator Remember me More choices	× , 4. ,	
		OK Cancel		
		Start remote desktop connection		

Enter the Username and Password and press OK (fig.33)

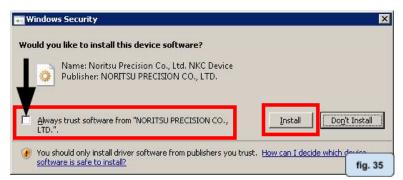
The username is Administrator

The password is 999999 If that does not work try 2260

Nemote Desktop Connection	n	×
The identity of the remote connect anyway?	omputer cannot be verified. I	Do you want to
This problem can occur if the remot Windows that is earlier than Window configured to support server auther	ws Vista, or if the remote con	
For assistance, contact your netwo computer.	rk administrator or the owner	of the remote
Don't ask me again for connecti	ions to this computer	
	Yes	No
		fig. 34

Upon entering the username and password, should the confirmation screen for the remote desktop connection appear, proceed by clicking on "Yes". (fig.34)

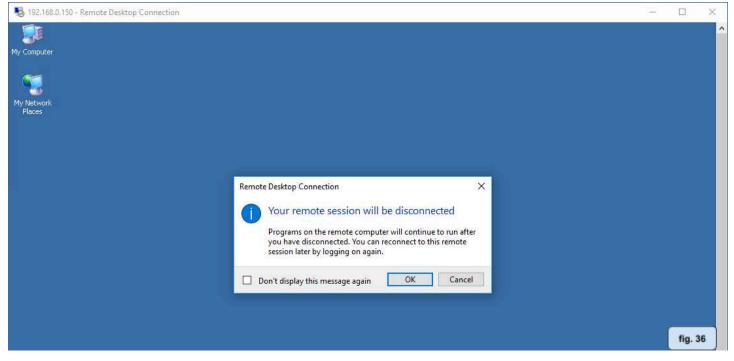
2.5-Start remote desktop connection - Continued



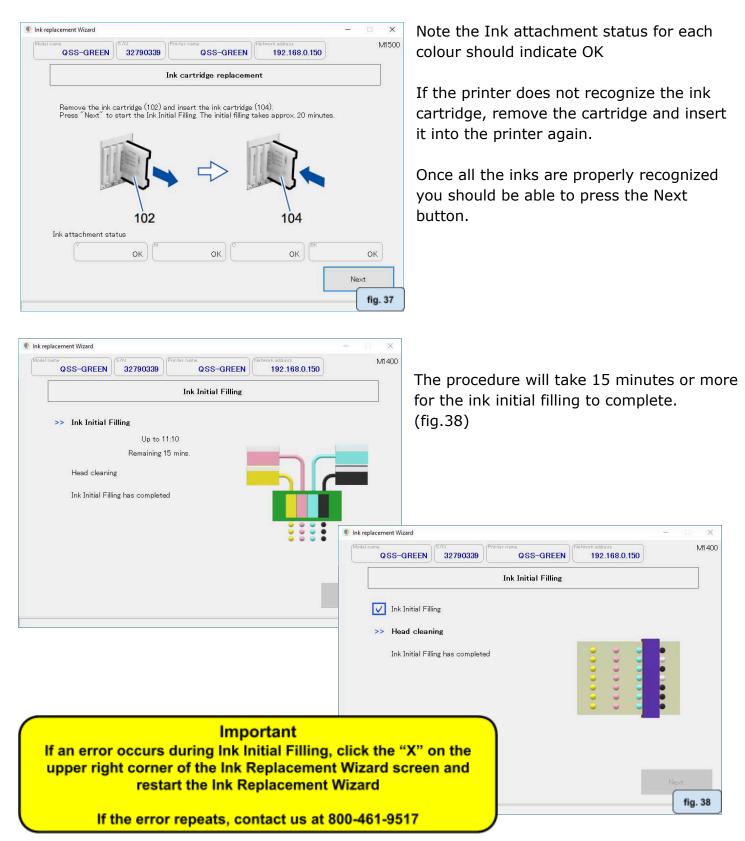
After you remotely connected to the Printer PC, if the Windows Security screens appears make sure you put a checkmark on **Always trust software from NORITSU PRECISION CO LTD.**, and click Install (fig.35)

Once the installation is done you can close the Remote Desktop Connection screen by pressing the "X" on the upper right corner.

Press OK to the pop up message. (fig.36)



At this stage, there will be a display to remove the 102 inks and install the 104 ink cartridges. (fig.37)



Do not open/ close the printer door or maintenance doors during this replacement work. The following error may occur.

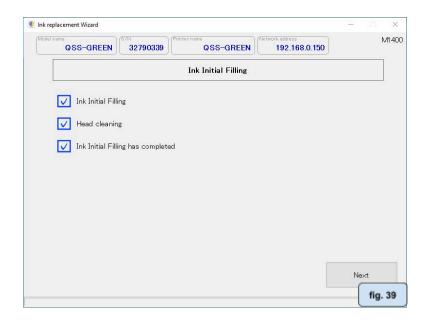
🧟 Ink replacement Wizard	- D X
Model name S/N Printer name Network address QSS-GREEN 32790339 Printer name 192.168.0.150	M1400
Ink Initial Filling	
Ink Initial Filling	
Mead cl	
	•
Ink Initial Filling has failed. Please contact our service personnel.	• • • • • • • • • • • • • • • • • • • •
	Next
7935 : Ink fill error (BK)	

3.0-Ink Cartridge Replacement - Continued

Once the Ink Initial Filing is complete there will be check marks on

- □ Ink Initial Filling
- □ Head Cleaning
- □ Ink Initial Filling has completed

You should be able to press Next (fig.39)



3.1-Print the Nozzle check pattern

Once the printer recognizes the paper loaded in the printer click Next. The nozzle check pattern will print. (fig.40)

🧕 Ink replacement Wizard				- 🗆 X
Model name QSS-GREEN	S/N 32790339	QSS-GREEN	Network address 192.168.0.150	M1600
	Printhead	nozzle clogging conf	irmation	
Print the nozzle Confirm that the Press ″Next″ to		ed for the nozzle chec eck pattern print.	k print is attached.	
		Inner	Width 127 mm	Remaining 99 m
			[Next
				fig. 40

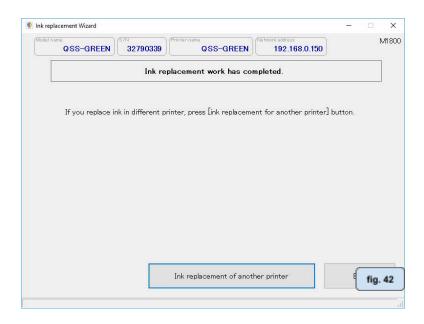
3.2-Nozzle check is not missing lines

If the nozzle check has no clogged nozzles, choose 'There is no nozzle clogging' and click Next (fig.41)

If the nozzle check has missing lines go to section <u>3.3-Missing lines on Nozzle Check</u>

name	(\$7N) (Pr	inter name	Network address	M17
QSS-GREEN	32790339	QSS-GREEN	192.168.0.150	
	Nozzle	check pattern confi	rmation	
If there is non-di	ischarging part, noz	zle is clogged. Execute	head cleaning.	
			1	
		NG	OK	
⊛ There is n	io nozzle clog		OK	fig.
	ogging occurre			fig.

Once you click Next, the screen with the statement *Ink replacement work has completed will appear*, if there are no other printers at your location press End. (fig.42)



If you have another printer, see Ink Replacement of Another Printer

3.3-Missing lines on Nozzle Check

Select: **Nozzle clogging occurred (Head cleaning will be performed)** and click Next Perform a head cleaning again and print the nozzle check pattern to confirm if all the lines have printed. (fig.43)

Ink replacement Wizard				- 🗆 X
QSS-GREEN	32790339	QSS-GREEN	Network address 192.168.0.150	M1700
	Nozzle	check pattern confi	mation	
If there is non-d	lischarging part, no:	zzle is clogged. Execute I	head cleaning.	
● There is ı	no nozzle clog	ging.		
O Nozzle clo performed	ogging occurre 1.)	ed. (Head cleaning	will be	Next
				fig. 43

4.0 Ink Replacement of another Printer.

If you have other printers that requires ink replacement work, Click *Ink replacement of another printer* to display *Select the printer that you want to replace the ink* screen. (fig.44)

🍨 Ink replacement Wizard					□ ×
Model name QSS-GREEN	32790339	QSS-GREEN	Network address 192.168.0.150		M1800
	Ink replac	cement work has con	npleted.		
If you replace in	k in different printe	er, press [ink replaceme	nt for another printe	er] button.	
	In	k replacement of anoth	ner printer	End	
					fig. 44

If you have not checked steps below before starting this procedure on all your printers, please press END. Restart the PC and run steps 1.2 to 1.5

- 1.2-Print the Nozzle check pattern
- 1.3-Saving the backup data of the printer
- 1.4-Verifying the Waste Ink Tank Usage Rate
- 1.5-Remote Desktop Connection to the Printer PC

If steps 1.2 to 1.5 have been completed, click on Ink Replacement of another printer The screen will not ask you to install "Profile Data". Run steps 2.2 to 3.3

5.0 Writing a backup

Once the ink replacement procedure is completed, it is highly recommended to write a backup. Start up the EZ-Controller software. Then from the Controller Main Display - Click F -Management Tool - System management - Data management - Reading and Writing Data (fig.45)

Output Media					
			Path Setting		
Reading Data					
Type					
Read all data					
C Read user sett					
C Read from Nor	tsureNET				
Input Media					
			Path Setting		
				Read	

Ideally there should be a folder destination in the Output Media box, the default is C:\Noritsukoki\DailyBKData.

If you have changed the folder destination do not change it, leave as is.

Click "Writing Data" to save the backup data.

Once the Data has been saved, click Back and return the the the Controller Main Display

Note about backups, EZ-Controller saves 10 backups. Once you have performed the Ink Change Wizard be careful when reading backups.

The backup files are named BkData_20240531 [year-month-date].

If you have performed the Ink Change Wizard on May 31, 2024 and you have to read a backup on June 4, 2024 do not choose a backup before May 31, 2024.

Troubleshooting and Helpful Tips

6.0 Troubleshooting

Printer to perform the ink replacement cannot be selected.

When the printer is not in ready-to-print status, you cannot select the printer.

- Make sure all the printer doors are closed
- Confirm if the maintenance mode is opened

Next button is grayed out.

ik replacement Wizard					0.3
QSS-GREEN	32790339	QSS-GREEN	Vetwork address		M130
	Image Pro	ocessing Module insta	allation		
Incert CD later t	han Image Process	ing Module Ver.3.00 to [)isk drive and close the	a trav	
Insert OD later (nan mage Frocess			s tray.	
	-	-	age Processing Kodule		
	Allin		() For. 2.00		
	0				
	1		5		
		Lee.			
		V. de Mex			_
				Next	

If the Next button is grayed out, it is an indication that the files have not been copied to the correct folder on the hard drive of the Operation/EZ-Controller PC. See section <u>1.8-Copying the files to InkChangeWizard Folder</u>

Printer that requires ink replacement is not displayed

	Select the printer that you want to replace the ink.
(Model name	QSS-GREEN-IV
C S/N	00000008 RIP Version 2.08.012 F/W Version 1.038 PM Version 1.0
Status	Operating with the previous in
Model name	QSS-GREEN Printer name QSS-GREEN Network address 192.168.0.15
C S/N	32790339 RP Version 5.08.009 F/W Version 1.035 PM Version 3.0
Status	Operating with the previous ir

Make sure the printer is on, check if the Printer PC is powered on.

7.0 Downloading the file on another Computer with Internet Access.

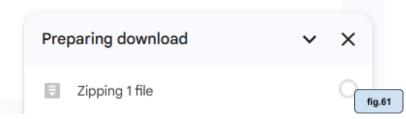
You will receive an email to a direct link to download the software.

From your link you will get into your model folder. Click on the arrow beside the model name, then click Download

🔥 Drive	Q Search in Drive				苹		? ÷
+ New	Shared with me >	Green IV	0)				
My Drive	Name 🛧	Open with	•		Last modified 🗸	File size	÷
Computers	ImageProcessingModu	🛃 Download 🧹		nckenzie	Jun 6, 2024 jmckenzie	_	:
C Recent	ProfileData_DiskImage		•	nckenzie	Jun 6, 2024 jmckenzie	-	:
☆ Starred	QSS-GREEN-IV_DiskIm	🗁 Organize	•	nckenzie	Jun 6, 2024 jmckenzie	_	:
 Spam Trash Storage 		Folder informatio Remove	n 🕨	J			
13.7 GB of 100 GB used							

The Google Drive will zip the folder and you will be able to download the file.

Be aware Google Drive will rename the folder with its own naming convention, for example to Green IV-YYYMMDDT203429Z-001.zip



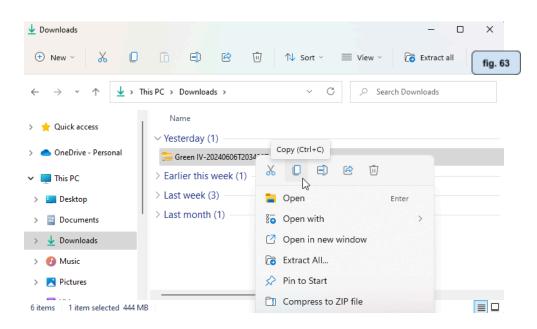
Please note this might take a few minutes. (fig.61)

7.0 Downloading the file on another Computer with Internet Access - Continued

Then you might get a window dialogue to save the zipped folder, click on save. Most likely it will save it in the Download folder. If you have changed your browser settings for saving files, the file will be saved in the folder you have specified.. (fig.62)

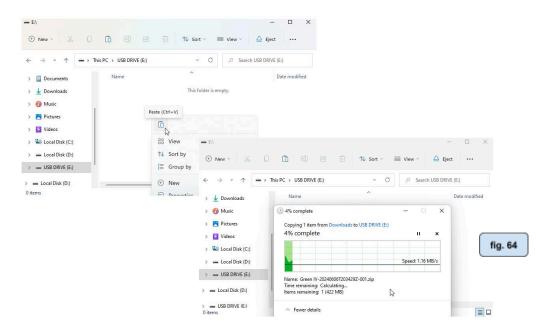
\leftrightarrow \rightarrow \checkmark \checkmark \checkmark \checkmark This PC \Rightarrow Downloads		~ C	Search Downloads	
Organize 🔻 New folder			≣ ▼	•
	Name > Today (4) > Last month (2) -			fig
File name: Green IV-20240606T203429Z-001.zip				~
Save as type: Compressed (zipped) Folder (*.zip)				~

Navigate to the location of the downloaded zipped file. Highlight the zip file, right click and select copy. You can also select the zip file and press Ctrl+C (fig.63)



7.0 Downloading the file on another Computer with Internet Access. -Continued

Go to your USB drive, select an empty spot and select paste. (fig.64)



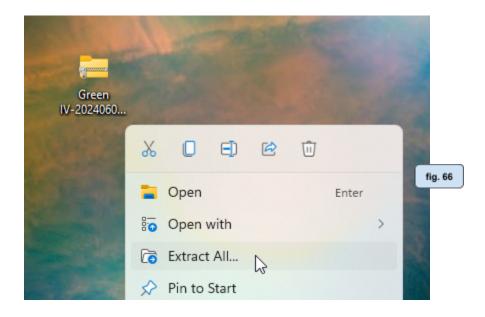
Remove the USB drive from the PC and insert it on the EZ-Controller PC

8.0-Unzipping the File on the EZ-Controller Computer

Once copied to the USB drive, insert the USB Drive to the Ez-Controller computer. Select the zipped file and drag the file to the desktop of the Ez-Controller computer, this action will copy the file. (fig.65)

- > This	PC > USB DRIVE (E:)	∨ C ,> Search	USB DRIVE (E:)	
	Name	^	Date modified	
	👼 Green IV-20240606T203429Z-00	1.zip	6/6/2024 4:38 PM	
				+ Copy to Desktop

Right click on the zipped file and select Extract All... (fig.66)



8.0 Unzipping the File on the EZ-Controller Computer - Continued

Once this window opens, click Extract. This will extract the files on your desktop. (fig.67)

Green IV-2024060 ← 腕 Ex	xtract Compressed (Zipped) Folders	×	
Sele	ect a Destination and Extract Files		
Files	will be extracted to this folder:		
C:\U	Jsers\TSAdmin\Desktop\Green IV-20240606T203429Z-001	Browse	
□ Sh	now extracted files when complete		
The second second			
		fig	g. 67
A A	Extrac	t Cancel	é

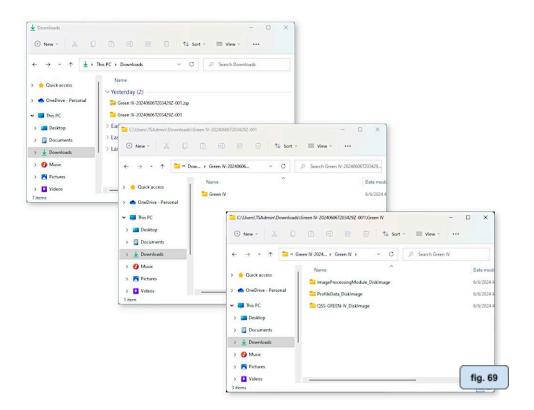
For example if you saved the zipped file on the desktop, the compression software will create a folder on the desktop with files extracted. (fig.68)

Green IV-20240606T 203429Z-001. zip Green IV-2024060		
)\Green IV-20240606T203429Z-001\Green IV		
$\square \square \square \square \square \square \square \square \square \square $		
> Green IV-20240606T203429Z-001 > Green IV	~ C	🔎 Search Gr
Name	Date modified	Туре
ImageProcessingModule_DiskImage	6/7/2024 10:30 AN	A File
ProfileData_DiskImage	6/7/2024 10:30 AN	A File
QSS-GREEN-IV_DiskImage	6/7/2024 10:30 AN	fig. 68

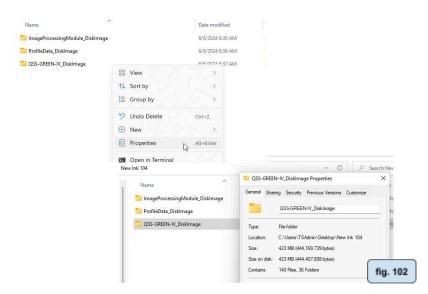
8.0 Unzipping the File on the EZ-Controller Computer - Continued

Once the downloaded file is unzipped open the folder, there will be a folder named Green IV. (according to your model)

Enter in the Green IV folder and make sure all 3 folders have been unzipped. (fig.69)



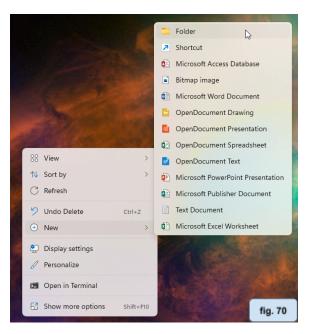
Note: Verify the folder sizes. Right click on the folder and select properties. (fig.102)



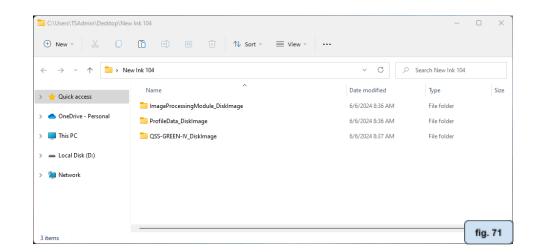
Please see this page for the folder names and sizes.

8.0 Unzipping the File on the EZ-Controller Computer - Continued

Once the files are unzipped, right click on the desktop, go to New and select Folder. Name the folder **New Ink 104**. (fig.70)



In the folder place the unzipped files in the folder New Ink 104 (fig.71) ImageProcessingModule_DiskImage ProfileData_DiskImage QSS-GREEN-IV_DiskImage (varies by model)



Please note in this example we used the QSS-GREEN-IV_DiskImage

Now you are ready to <u>1.8 Install the Maintenance Software</u> See this <u>page</u> about the default Windows compression software.

9.0 Files and Folder Sizes for Each of Printers

D703

Name	Size
ImageProcessingModule_DiskImage	11.6 MB (12,178,829 bytes) 162 Files, 21 Folders
ProfileData_DiskImage	148 MB (155,485,366 bytes) 227 Files, 30 Folders
D703_DiskImage	343 MB (359,686,871 bytes) 142 Files, 35 Folders

D1005

Name	Size
ImageProcessingModule_DiskImage	11.6 MB (12,178,829 bytes) 162 Files, 21 Folders
ProfileData_DiskImage	148 MB (155,485,366 bytes) 227 Files, 30 Folders
D1005_DiskImage	445 MB (467,175,503 bytes) 139 Files, 35 Folders

QSS Green

Name	Size
ImageProcessingModule_DiskImage	11.6 MB (12,178,829 bytes) 162 Files, 21 Folders
ProfileData_DiskImage	148 MB (155,485,366 bytes) 227 Files, 30 Folders
QSS-GREEN_DiskImage	425 MB (445,812,117 bytes) 140 Files, 36 Folders

QSS Green II

Name	Size
ImageProcessingModule_DiskImage	11.6 MB (12,178,829 bytes) 162 Files, 21 Folders
ProfileData_DiskImage	148 MB (155,485,366 bytes) 227 Files, 30 Folders
QSS-GREEN-II_DiskImage	445 MB (467,131,711 bytes) 139 Files, 35 Folders

QSS Green III

Name	Size
ImageProcessingModule_DiskImage	11.6 MB (12,178,829 bytes) 162 Files, 21 Folders
ProfileData_DiskImage	148 MB (155,485,366 bytes) 227 Files, 30 Folders
QSS-GREEN-III_DiskImage	453 MB (475,870,768 bytes) 140 Files, 36 Folders

QSS GREEN IV

Name	Size
ImageProcessingModule_DiskImage	11.6 MB (12,178,829 bytes) 162 Files, 21 Folders
ProfileData_DiskImage	148 MB (155,485,366 bytes) 227 Files, 30 Folders
QSS-GREEN-IV_DiskImage	423 MB (444,169,739 bytes) 140 Files, 36 Folders

10.0 Glossary

Operation PC: The computer where EZ-Controller software is installed.

Printer PC: A stand alone computer that is connected to the printer, normally with a USB cable, also known as a RIP PC

Zip File: A computer file whose contents of one or more files are compressed for storage or transmission, often carrying the extension .ZIP

Nozzle Check Pattern: A grid pattern for confirming whether the printhead nozzles clog. If the grid pattern is not printed normally, the nozzles may clog. Then Head Cleaning is necessary.

Remote Desktop Connection: Remote Desktop Protocol is a proprietary protocol developed by Microsoft Corporation which provides a user with a graphical interface to connect to another computer over a network connection.