

**Inkjet Printer-Ink replacement manual**  
**for service personnel**

Applicable machine : D703, D1005  
GREEN, GREEN , GREEN III, GREEN IV

## 1. Before starting the ink replacement operation

### **【Important】**

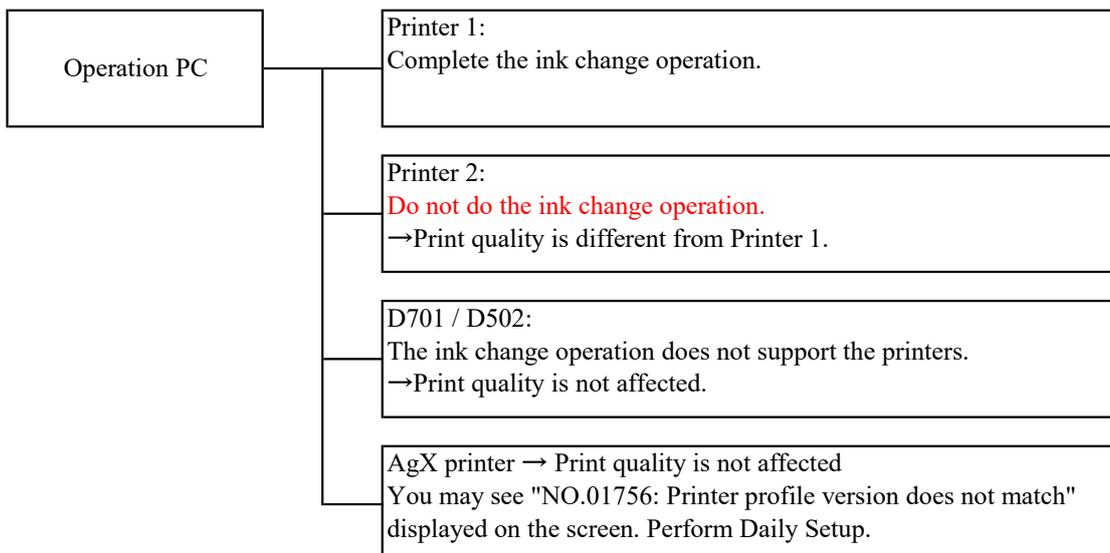
- The operation is expected to take approximately 1 hour per printer. Please allocate sufficient time for the replacement work accordingly.
- Once the operation has been initiated, it is important to ensure that it is not interrupted until completion.
- If your system includes a Printer PC, please ensure that the Operation PC can establish a "Remote Desktop Connection" with the Printer PC in advance.
- Kindly note that due to a change in ink material, it may not be possible to achieve the exact same color gamut as before. We recommend comparing the gamut before and after printing to assess any differences.
- This procedure is not applicable to D703 Ver1 printers. In such cases, please get in touch with our service personnel for assistance.
- 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 need to bring the CD data in USB Media to work on the PC which does not

### Examples on the operating environment

Profile Data will be updated along with the ink change operation.  
Please note the following depending on the operating environment.

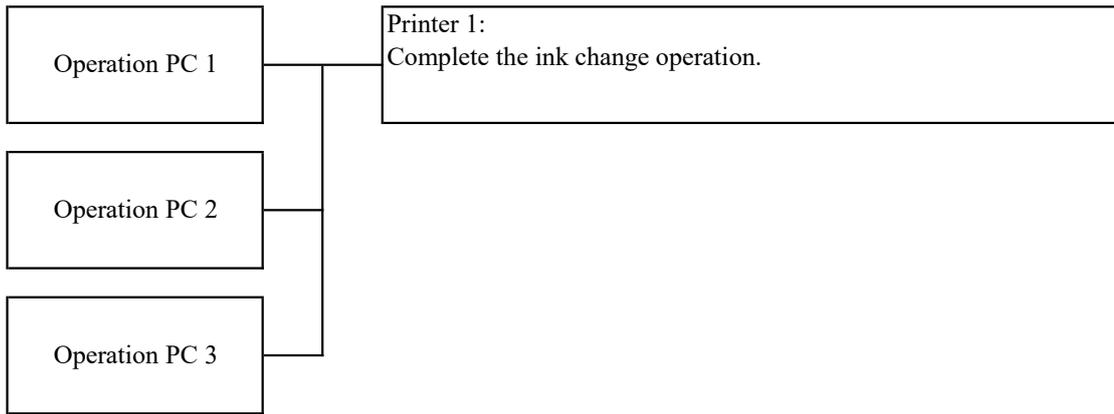
\*Operation PC = EZC-PC

Example 1: Multiple printers are connected to Operation PC



Example 2: Multiple Operation PCs are connected to a printer

- Install Profile Data to ALL of the Operation PCs.



Please note that this procedure manual has been created using QSS-GREEN and an Operation PC with Windows10 OS.

Some of the screens may differ depending on PC models or the OS, but the operational steps remain consistent.

## 2. Necessary items for the ink replacement operation

### • Ink cartridge 104

\*Common for all models

Part number	Description	Remark
H086162-00-	Ink Cartridge 104 BK	BK (Black)
H086163-00-	Ink Cartridge 104 C	C (Cyan)
H086164-00-	Ink Cartridge 104 M	M (Magenta)
H086165-00-	Ink Cartridge 104 Y	Y (Yellow)

### • Software

Program name	SYSTEM PROGRAM KIT		Image Processing Module	Profile Data
Model name	Part number	Version	Part number/Version	Part number/Version
D703	Z040093-01	8.00	Z040227-01/Ver3.00	Z040125-01/Ver.N5.00
D1005	Z040101-01	9.00		
QSS GREEN	Z040117-01	6.00		
QSS GREEN II	Z040107-01	6.00		
QSS GREEN III	Z040112-01	2.00		
QSS GREEN IV	Z040122-01	3.00		

### 3. Ink replacement operation overview

Here explains the ink replacement operation overviews.

Overview

For details, see "4. Preparations and verification steps".

4.1 Print nozzle check pattern and confirm that there is no nozzle clogging.



4.2 Save the backup data.



4.3 Quit the EZ Controller application.



For details, see "5. Replacement work to the new ink cartridges".

5.1 Install the maintenance software.



Copy applicable data from USB Media and paste them in " InkChangeWizard" folder.

-ImageProcessingModule\_DiskImage

-ProfileData\_DiskImage

-D703\_DiskImage

-D1005\_DiskImage

-QSS-GREEN\_DiskImage

-QSS-GREEN2\_DiskImage

-QSS-GREEN3\_DiskImage

-QSS-GREEN4\_DiskImage

For details, see 5.1.6

} Mandatory

You copy the DiskImage of the machine which your customer use.

5.2-5.5 Execute InkChangeWizard.



5.6 Install Profile Data.



5.7 Install Image Processing Module.



5.8 Install the Printer Software.

"You are about to be signed out" screen may popup.

"Start remote desktop connection" screen may popup.



5.9 Replace to new ink cartridges



5.10-5.11 Print nozzle check pattern and confirm that there is no nozzle clogging.

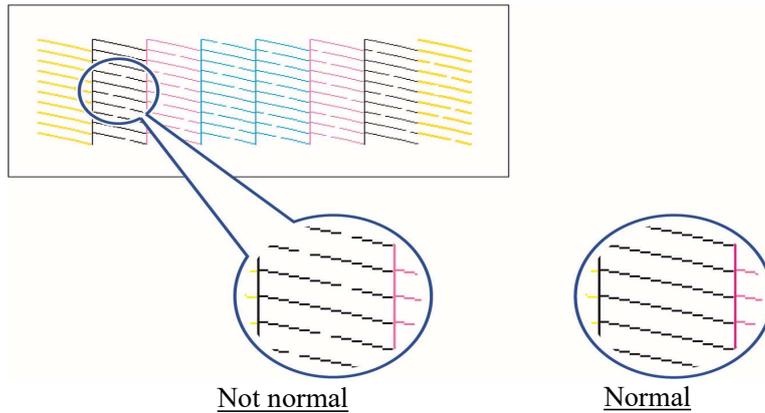


5.12 Repeat the same process for other printers.  
If you have only one printer connected, this completes the work.

## 4. Preparations and verification steps

### 4.1 Print the Nozzle check pattern. \*Do this for every printers.

Confirm that there is no nozzle clogging or smudge.



### **【Important】**

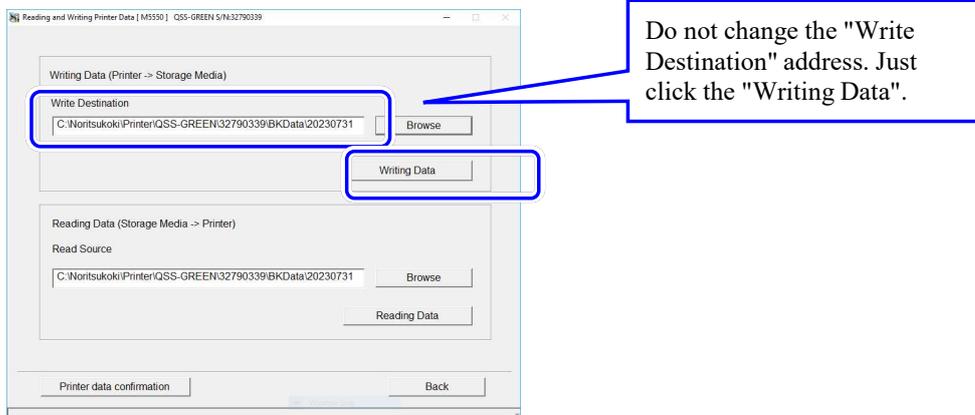
If you see nozzle clogging or smudge on the nozzle check print, perform Head Cleaning.

### 4.2 Save the backup data of the printer. \*Do this for every printers.

4.2.1 Display "Extension"→"Maintenance"→"Reading and Writing Printer Data"

4.2.2 Click "Writing Data" to save the backup data.

4.2.3 After saving the backup data, close the Maintenance Software and go back to EZ Controller screen.

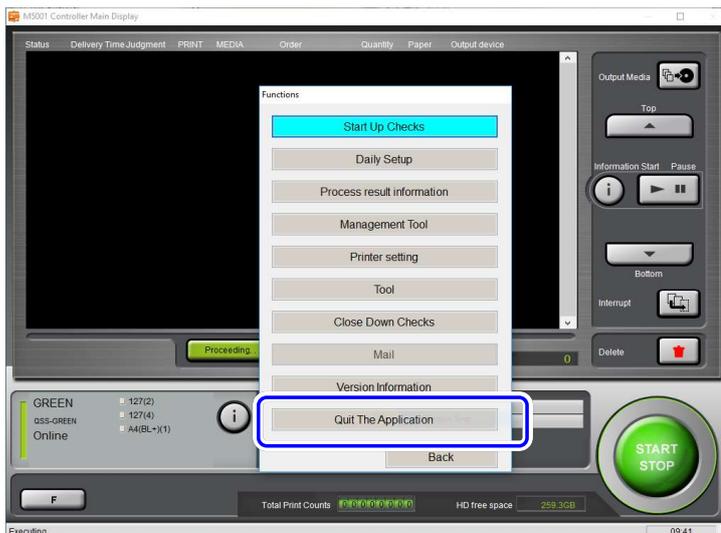


### **【Reference】**

These steps are carried out as a precaution in the event of any issues occurring. If the ink change operation is successfully completed without any problems, there is no need to perform the data loading.

### 4.3 Quit the EZ Controller application.

Click "F" button on the left bottom of the Controller Main Display→ "Quit The Application".



## 5. Replacement work to the new ink cartridges

### 5.1 Install the maintenance software of the printer.

5.1.1 Insert USB Media to the PC.

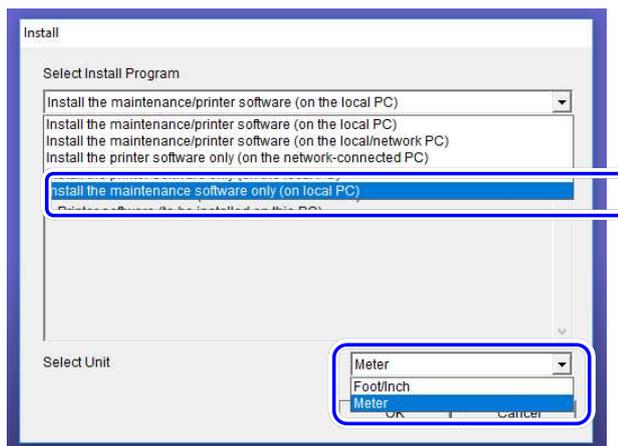
5.1.2 Open File Explorer→This PC→ USB Drive to open the machine DiskImage you want to work on.  
Double-click the "Setup.exe".

5.1.3 On the "Install" screen, select "Install the maintenance software only (on the local PC)"  
and "Foot/Inch" or "Meter" from the drop-down list and then click "OK".

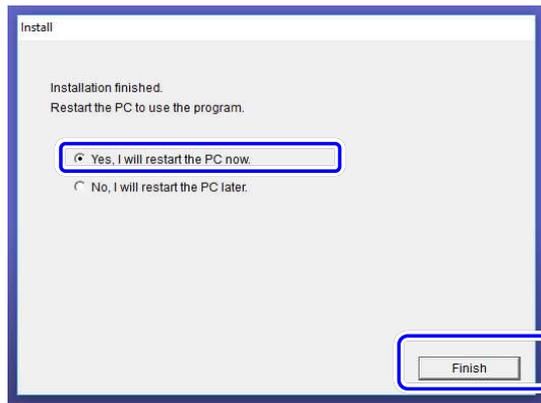
Follow the instructions on the screen and proceed the installation.

### **[Important]**

Be sure to select "Install the maintenance software only (on the local PC)" from the drop-down list.  
Perform this procedures for every printers that are connected.



5.1.4 After installation, select "YES, I will restart the PC now." and click "Finish".



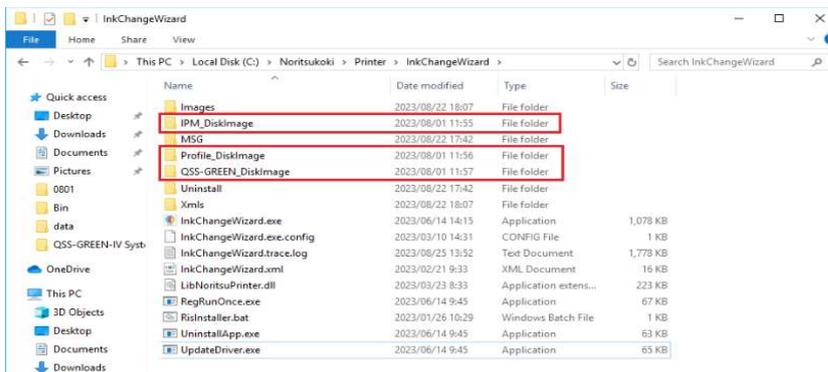
5.1.5 After restarting PC, quit the EZ Controller application as it is described on 3).

5.1.6 Instead of installing the CDs, copy the data from USB Media to the Local Disk.

Open File Explorer→This PC→Local Disk (C)→Noritsukoki →Printer→ InkChangeWizard  
Copy applicable data→from USB Media and paste them in the "InkChangeWizard" folder.

- ImageProcessingModule\_DiskImage
  - ProfileData\_DiskImage
  - D703\_DiskImage
  - D1005\_DiskImage
  - QSS-GREEN\_DiskImage
  - QSS-GREEN2\_DiskImage
  - QSS-GREEN3\_DiskImage
  - QSS-GREEN4\_DiskImage
- } Mandatory

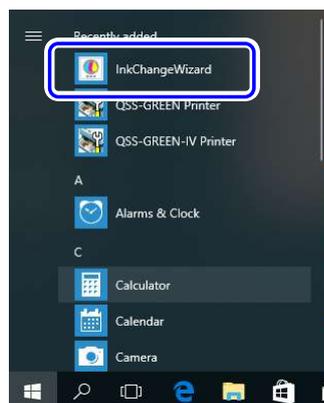
You copy the DiskImage of the machine which your customer use.



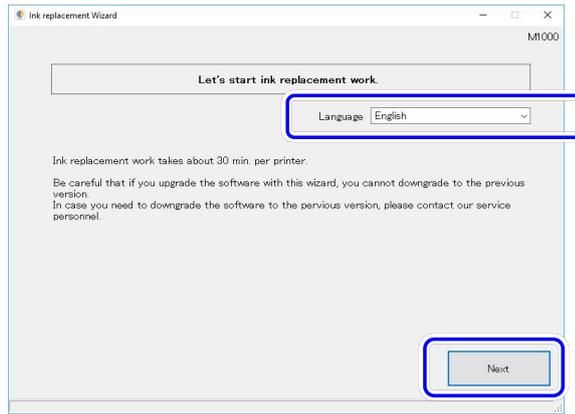
**[Reference]**  
By copying the data stored in the USB Media to the Local Disk, you will be able to click "Next" button without inserting/removing the CDs to the disk drive.

## 5.2 Launch "InkChangeWizard".

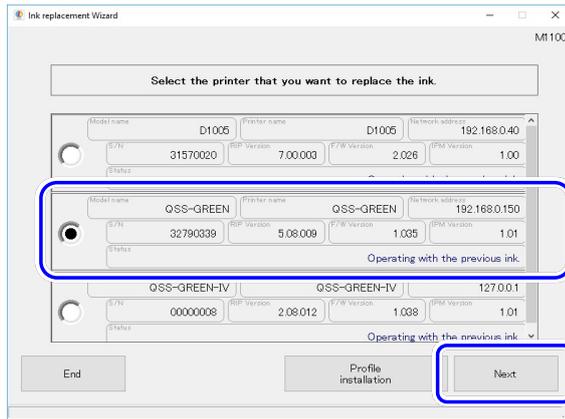
Open the start menu, and click "InkChangeWizard".



### 5.3 Select the language you want to use and click "Next".



#### 5.4 Select the printer that you want to replace the ink and click "Next".

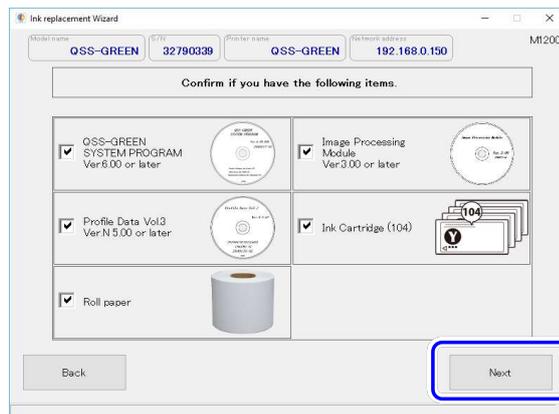


#### **【Reference】**

Replacement work is performed for every printer. If multiple printers are connected, select the one you are going to replace the ink.

#### 5.5 Confirm the required items for the Replacement work.

Check the items you have and click "Next".



## 5.6 Install the Profile Data.

Confirm the following screen appears and click "Next".



### **[Important]**

If the necessary data stored in USB Media are not copied to the Local Disk as described in 5.1.6, "Next" button is grayed out and cannot move to the next step.



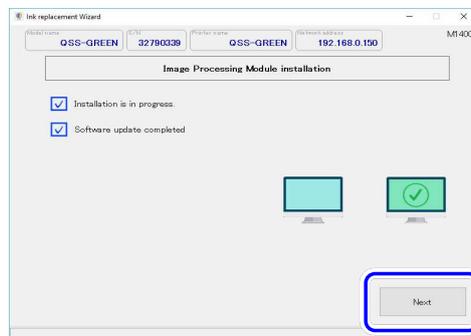
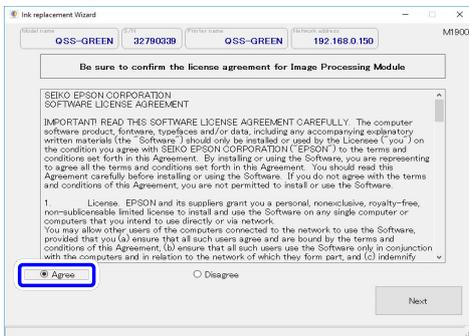
## 5.7 Install "Image Processing Module".

5.7.1 Confirm the following screen appears and click "Next".



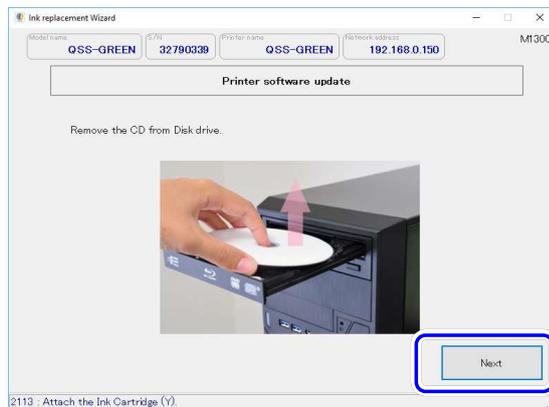
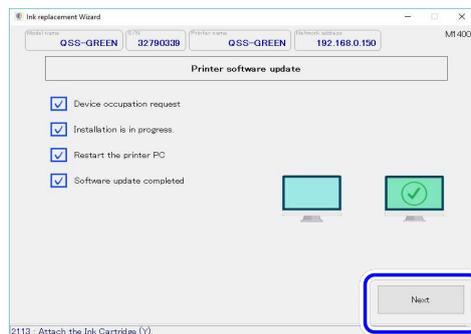
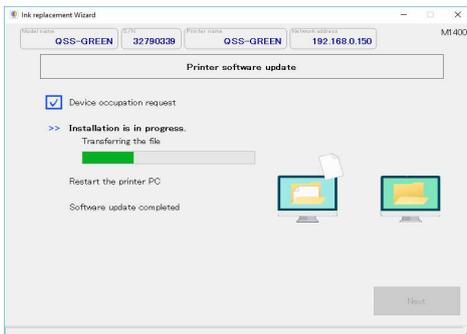
5.7.2 Select "Agree" and click "Next".

Follow the instructions on the screen. After the installation is completed, click "Next".



## 5.8 Install the Printer Software.

Confirm the following screen appears and click "Next".

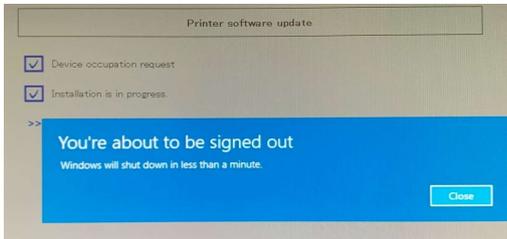


### **【Important】**

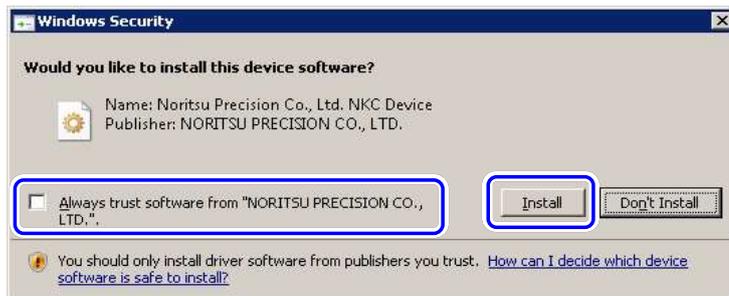
Before the installation completion screen of the printer software appears at Step 8), there might be different screens either the "You are about to be signed out" screen or the "Start remote desktop connection" screen displayed based on the user environment.

**If "You are about to be signed out" screen appears**

After "You are about to be signed out" appears on the screen, Operation PC will be automatically restarted. After restarting the Operation PC, click "Next". Then go to 9) Replacing the ink cartridges.

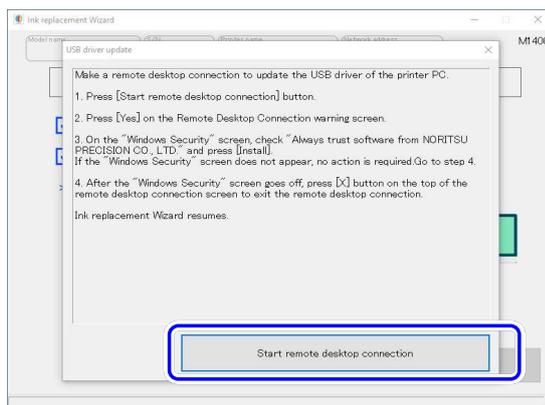


After restarting the Operation PC, if the following "Windows Security" screen appears on the screen, check "Always trust software from "NORITSU PRECISION CO.,LTD." and click "Install".



**If "Start remote desktop connection" screen appears**

1) To start remote desktop connection, click "Start remote desktop connection".



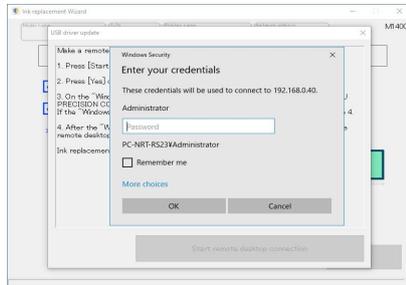
- 2) Enter the information which your Printer PC ask to input such as user ID and password. Then click "OK" .

If you have connected to the "remote desktop connection" before, your Printer PC may remember the password.

In such case, "Enter your credentials" screen does not appear. Go to the next step.

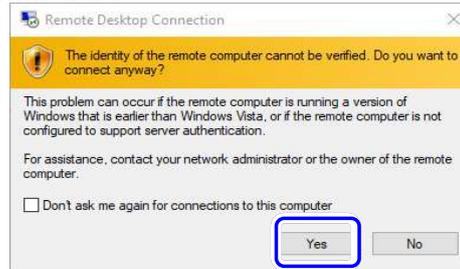
**If you use D1005, D703, and QSS Green II with Windows7 32bit:**

The following confirmation screen may appear depending on your Printer PC environment.



**[Reference]**

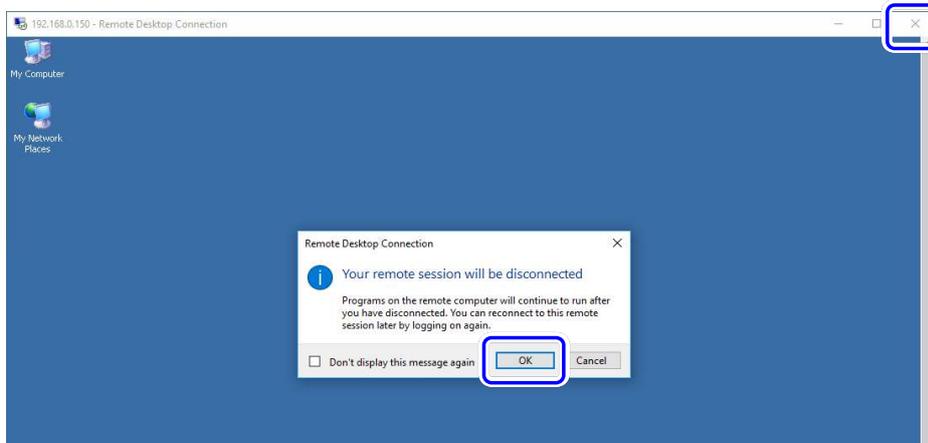
After entering the password, if the remote desktop connection confirmation screen appears, click "Yes".



- 3) After connecting remote desktop connection, if the following "Windows Security" screen appears, check "Always trust software from "NORITSU PRECISION CO.,LTD." and click "Install". If the following screen does not appear, go to the next step.



- 4) Close the remote desktop connection. Click "X" on the upper right corner of the Remote Desktop Connection screen → "OK". The screen will go back to 8).

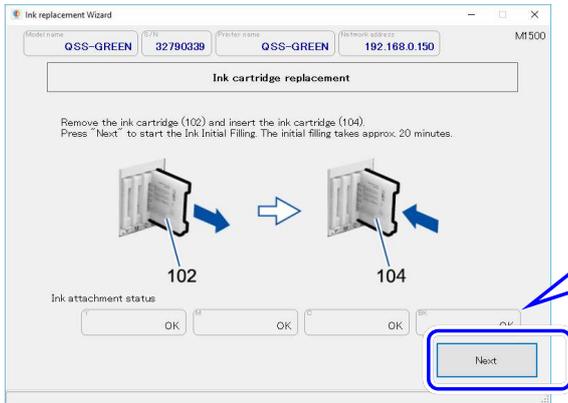


## 5.9 Replace the ink cartridges with new ones.

After replacing the ink cartridge with new one, click "Next" .

The printer will automatically start Ink Initial Filling and Head cleaning.

After Head cleaning, click "Next".



### **【Important】**

"OK" is displayed when the printer recognize the ink cartridge correctly.

If the printer does not recognize the ink cartridge, remove the ink cartridge and insert it again.



### **【Important】**

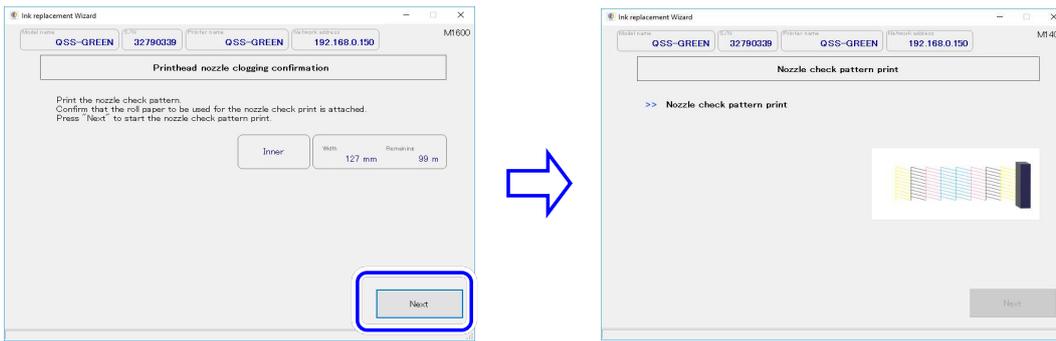
If error occurs during Ink Initial Filling, click "X" on the upper right corner of the Ink Replacement Wizard screen, and restart the Ink Replacement Wizard.

If the error occurs repeatedly, contact our service personnel.



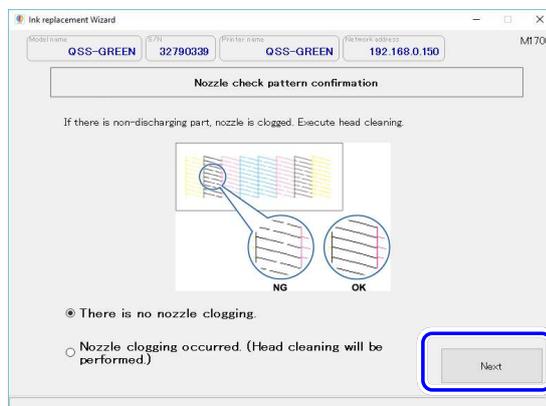
### 5.10 Print the nozzle check pattern.

After printer recognize the paper loaded in the printer, click "Next".  
Nozzle check pattern is printed.



### 5.11 Confirm the nozzle check pattern print.

If you don't see any ink clogging, check "There is no nozzle clogging." and click "Next".



### **【Important】**

If you see nozzle clogging, you need to perform Head Cleaning.  
Select "Nozzle clogging occurred (Head cleaning will be performed)" and click "Next".  
Perform the Head Cleaning and print the nozzle check pattern for confirmation.

**5.12 If you do not have any other printers that requires ink replacement work, click "End".**

If you have other printers that requires ink replacement work, click "Ink replacement of another printer".



This completes ink replacement work.

**【Reference】**

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.

See the instructions on Step 4 to perform the ink replacement work.

In this case,

- The screen will not ask you to install "Profile Data".
- If you select "End", the following Application closure confirmation screen appears.

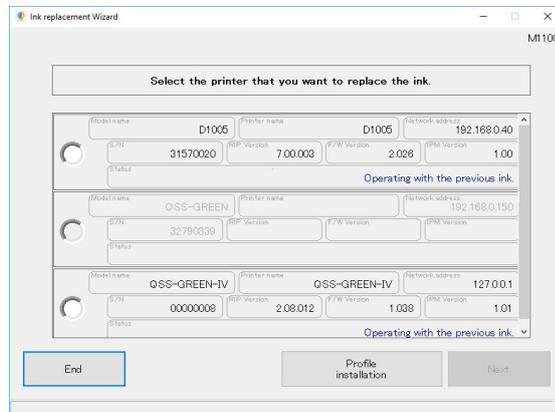
## 6. Troubleshooting

- **Printer to perform the ink replacement cannot be selected.**

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

Please check such as below;

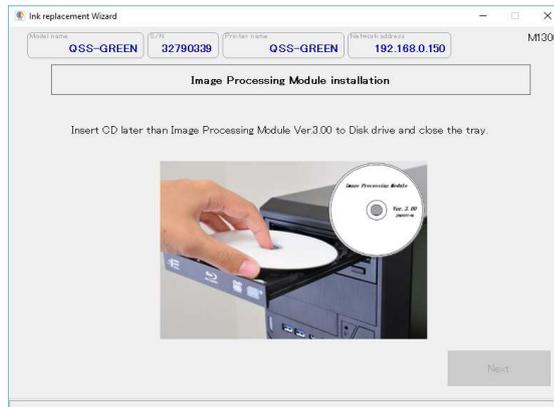
- Maintenance mode is opened.
- Printer door is opened.



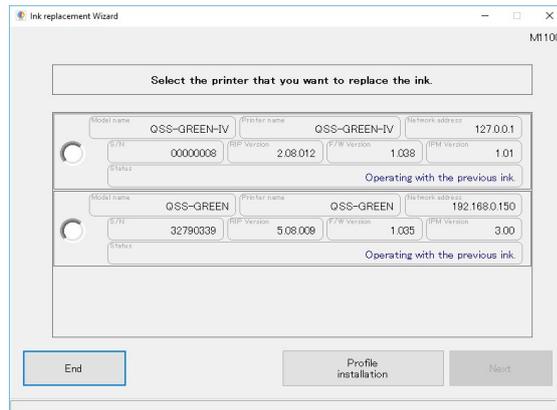
- **"Next" button is grayed out.**

Without copying the data stored in USB Media to the Local Disk, "Next" button is grayed out and cannot move to the next step.

For details, see 5.1.6.



- **Printer that requires ink replacement is not displayed.**  
Printer may not be displayed depending on status of the printer.  
Restart the Printer PC.



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

