

# Kit Instructions

## USB-to-Serial Adapter Cable (Sabrent)



7707-K125  
Issue A



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## Revision Record

Issue	Date	Remarks
A	Apr 2020	First Issue

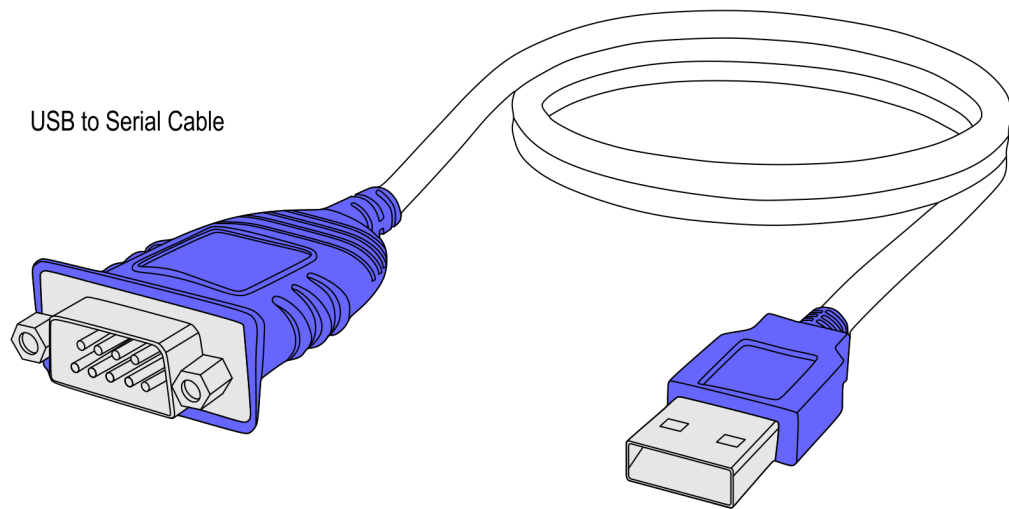
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# USB-to-Serial Adapter Cable (Sabrent)

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The USB-to-Serial Adapter Cable (Sabrent) converts data sent from currency devices to the Terminal Display through its USB port. Using this cable can help improve communication between the devices. This publication provides procedures for routing the USB-to-Serial Adapter Cable in the NCR SelfServ™ Checkout (7707) unit.

## Kit Contents



Part Number	Description
497-0528209	7707-K125 USB-to-Serial Adapter Cable (Sabrent) Kit
006-8615029	Cable - USB to Serial, 2.5 ft length (10 pcs)
* 497-0423108	Instructions Kit (Reference Sheet)

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

## Installation Procedures

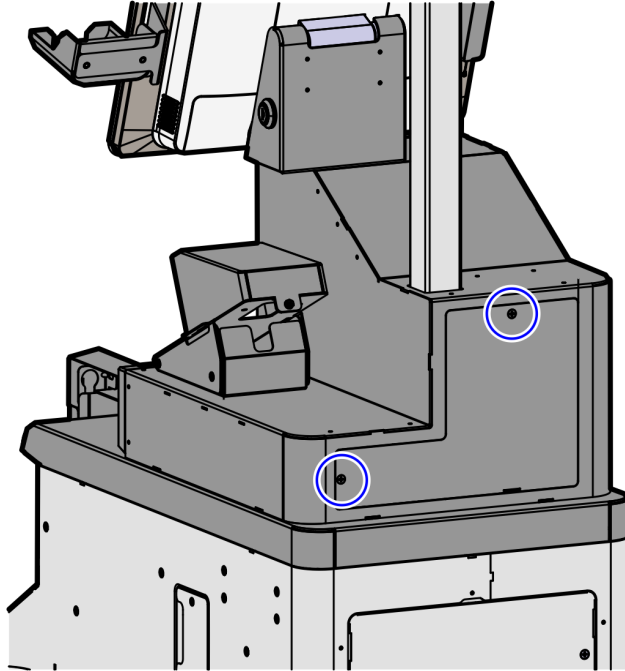
Installing the USB-to-Serial Adapter Cable involves the following procedures:

- [\*Routing USB-to-Serial Adapter Cable\*](#) on the facing page.
- [\*Installing USB-to-Serial Adapter Driver\*](#) on page 11.

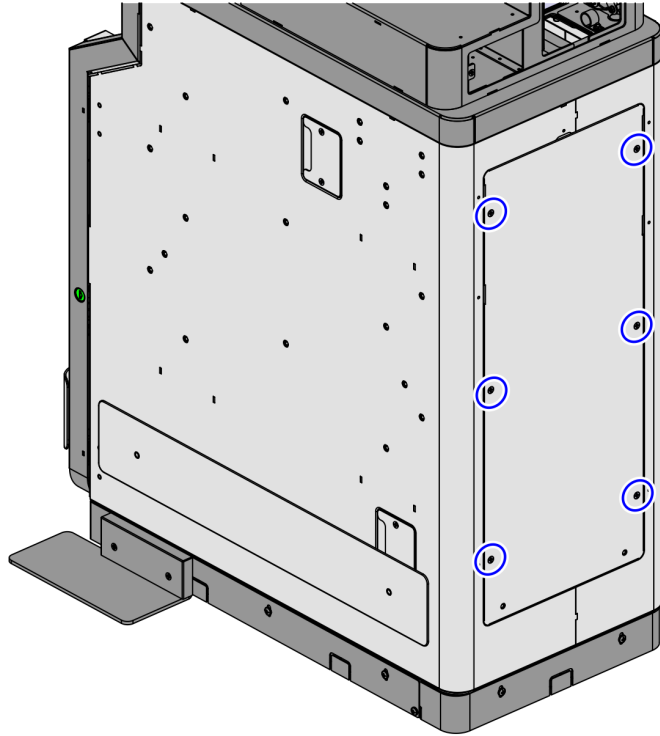
## Routing USB-to-Serial Adapter Cable

To route the USB-to-Serial Adapter Cable, follow these steps:

1. Shut down the NCR SelfServ™ Checkout (7707) R6-Japan software and hardware systems.
2. Detach the back panel from the Tower Frame by removing two (2) screws.

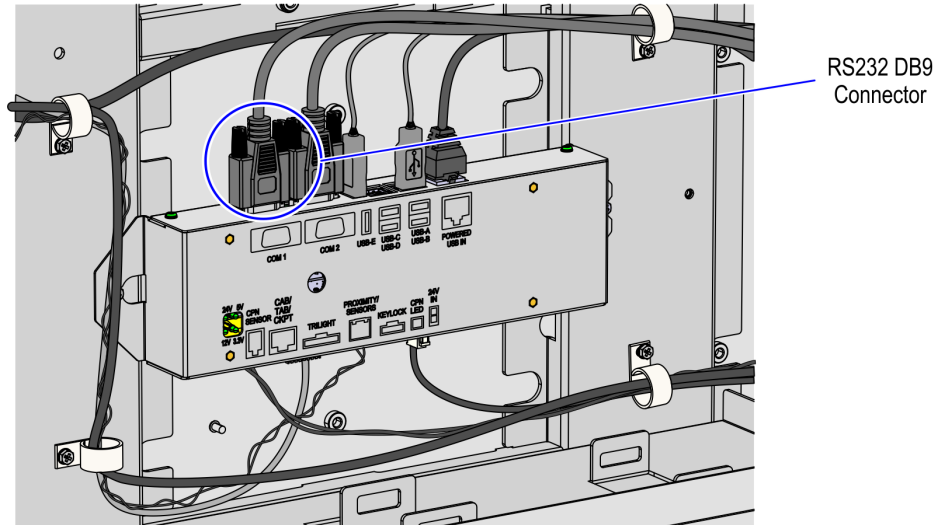


3. Detach the back panel of the Lower Core (Cabinet) Module by removing six (6) screws to access the devices and cable routing.



CCP-78614

4. Disconnect the currency device connector from the KIO board by doing the following:
  - a. Access the KIO Board.
  - b. Disconnect the RS232 DB9 connector from the COM1 port of the KIO Board, as shown in the image below.



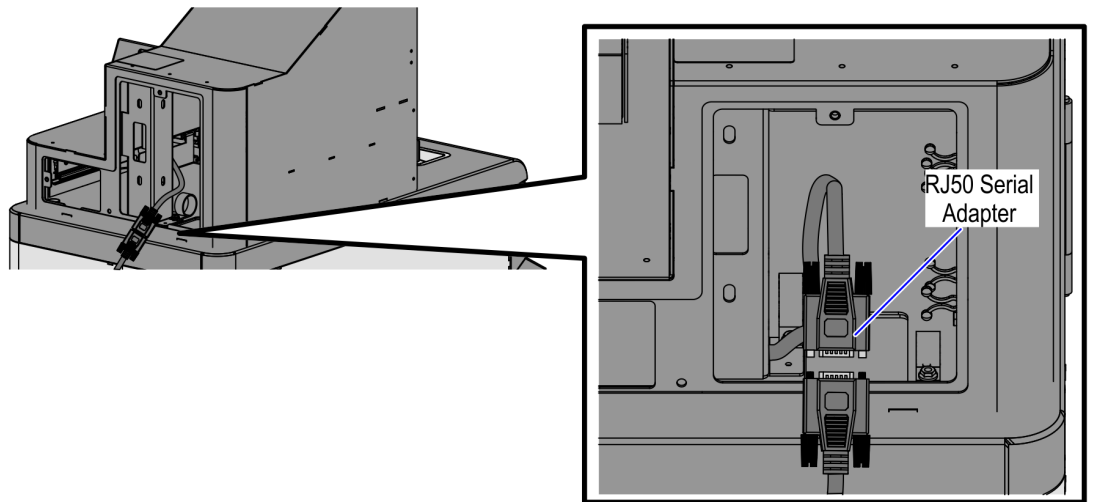
CCP-78621



**Note:** For units where the currency device cable is connected to the RJ50 serial adapter of the Terminal Display, disconnect the cable as shown in the image below.



**Warning:** Ensure that the system is turned off before disconnecting or connecting cables to avoid damaging the internal chip of the Terminal Display and making the adapter unusable.

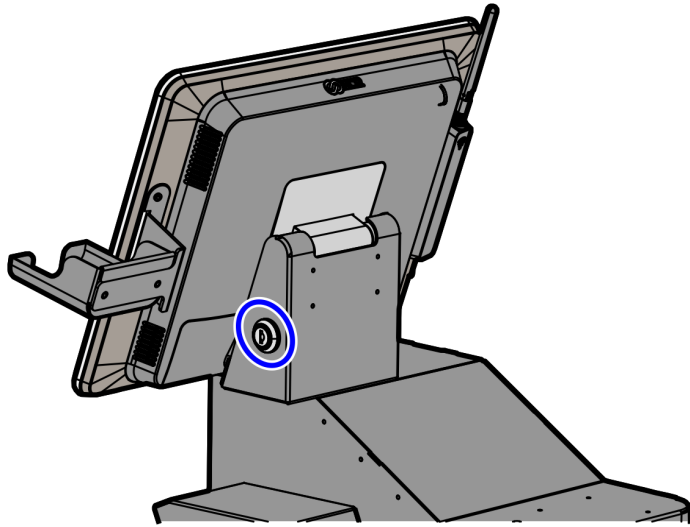


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5. Remove the cable from the P-loops until the cable reaches the Upper Enclosure assembly.

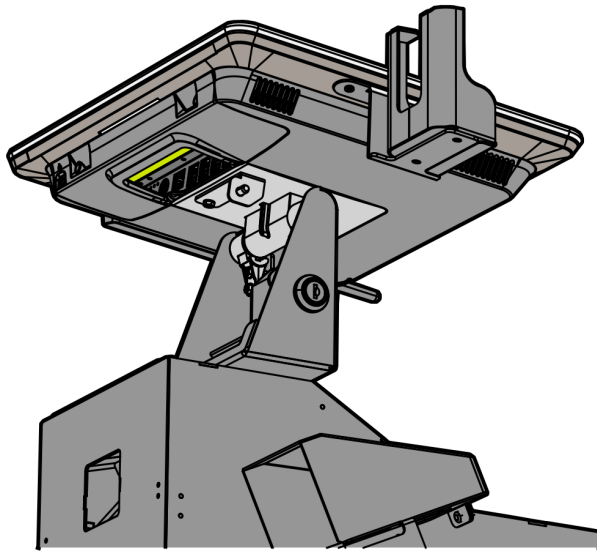


6. Unlock the Tower frame from the back using a key.



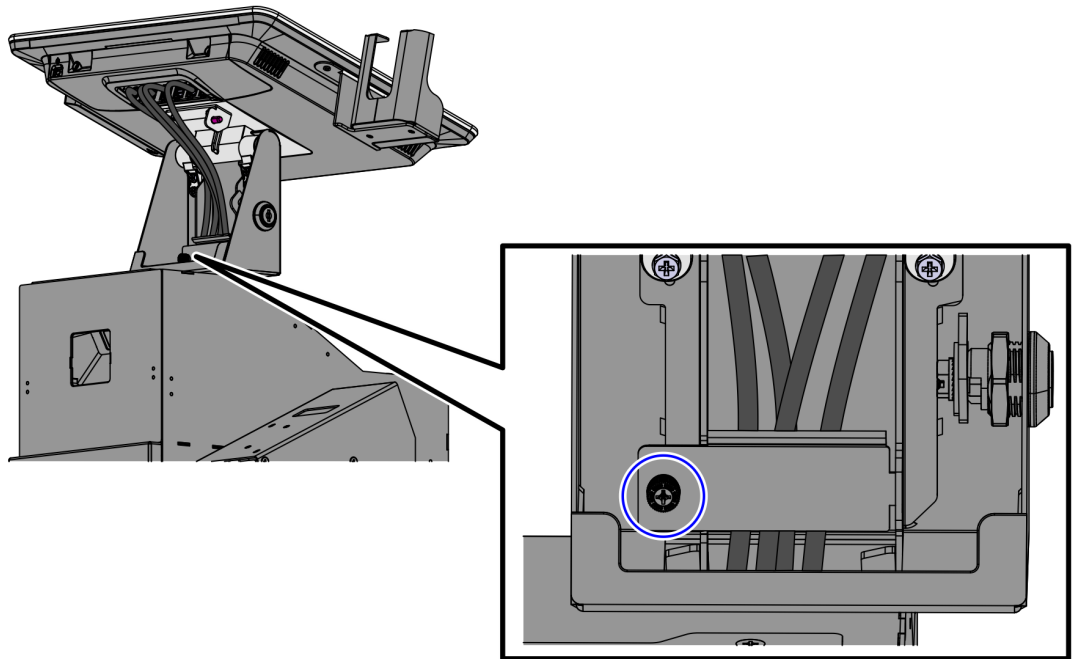
CCP-74703

7. Raise the Terminal Display.



CCP-73448

8. Detach the cable guide by removing one (1) screw, as shown in the image below.

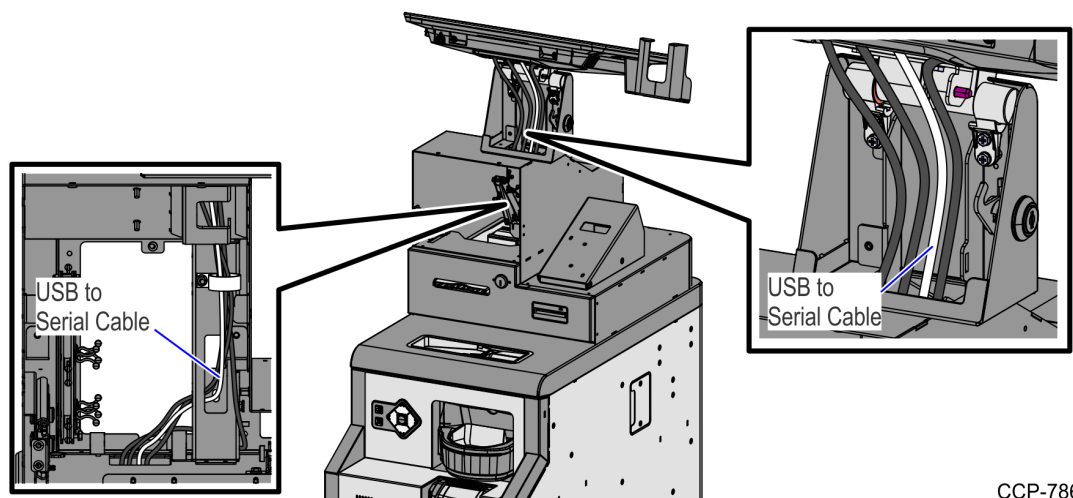


CCP-78623

9. Connect the USB-to-Serial adapter cable to the USB Port B of the Terminal Display.

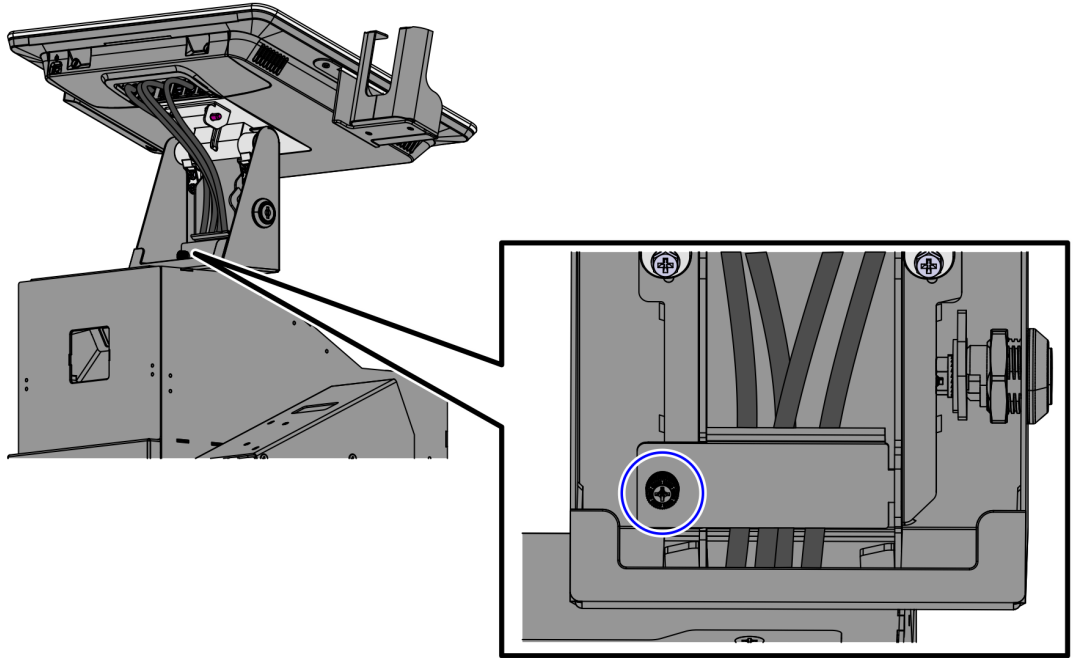
**Warning:** Ensure that the system is turned off before disconnecting or connecting cables to avoid damaging the internal chip of the Terminal Display and making the adapter unusable.

10. Route the USB-to-Serial adapter cable along with the other cables from the Upper Enclosure going down to the Lower Cabinet.



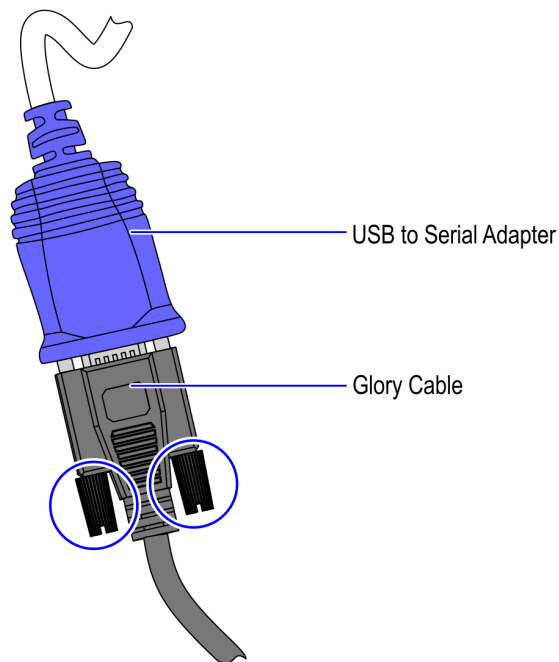
CCP-78624

11. Attach the cable guide using one (1) screw.



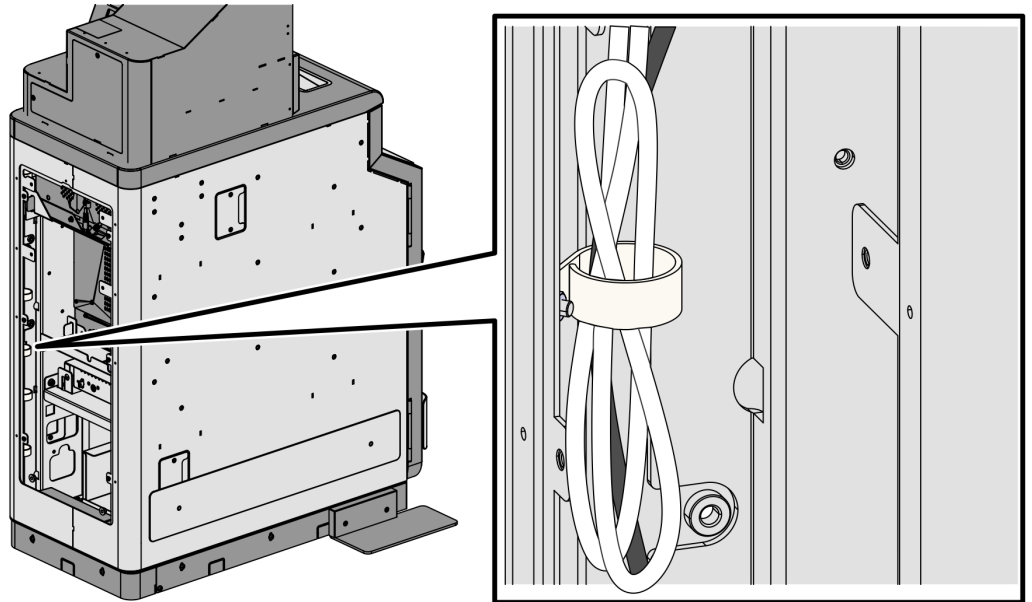
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12. Connect the currency device cable to the USB-to-Serial adapter cable and then secure the connection by tightening the two (2) screws.



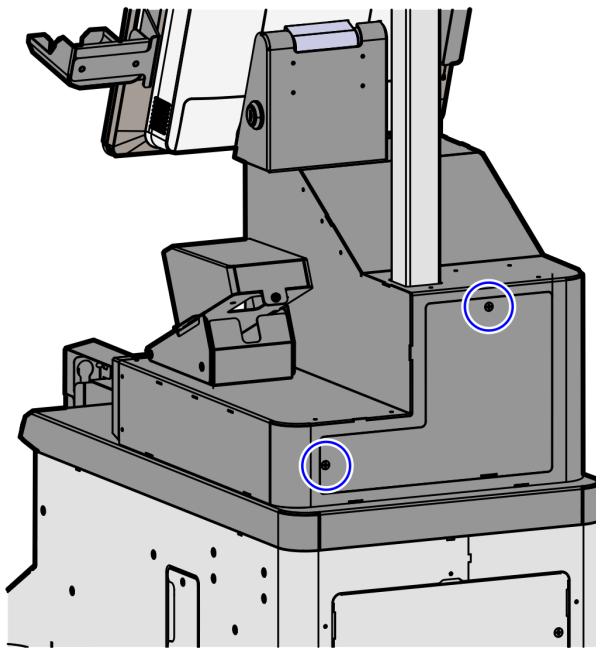
CCP-78625

13. Route the excess cable length on the rear left side of the lower cabinet by doing the following:
  - a. Create a large loop.
  - b. Insert the excess cable through the P-loop, as shown in the image below.



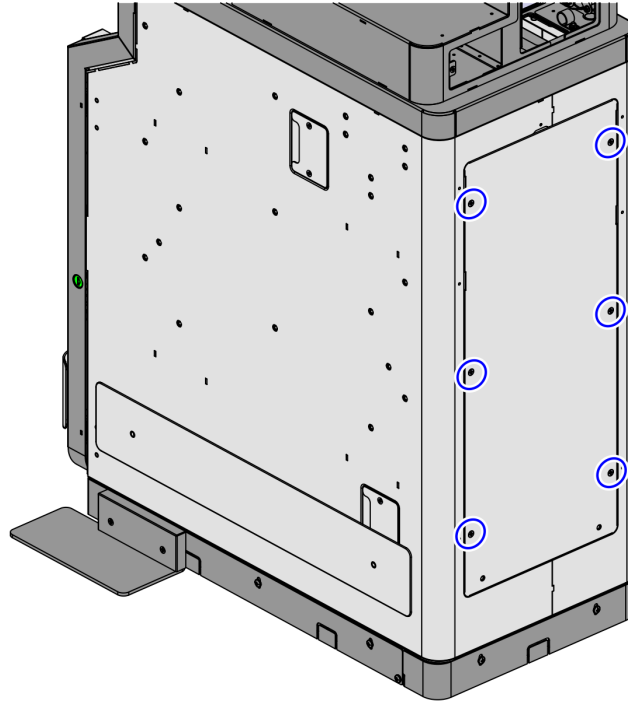
CCP-78626

14. Do the following:
  - Attach the upper back panel back to the Tower Frame using two (2) screws.



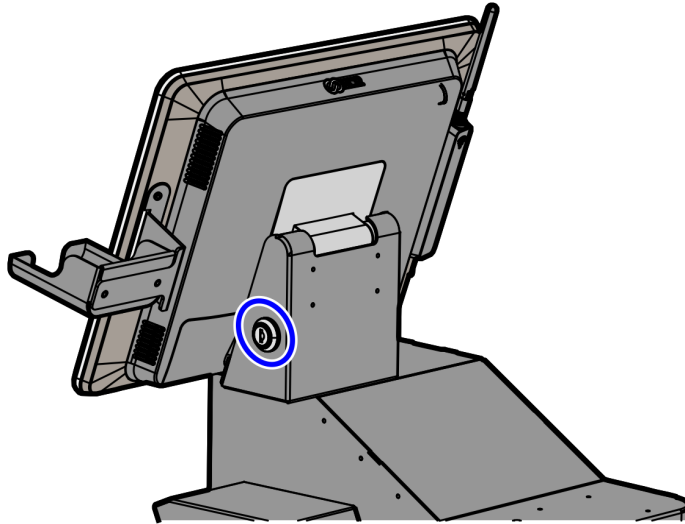
CCP-72797

- Attach the lower back panel to the lower cabinet using six (6) screws.



CCP-78614

15. Lower the Terminal Display and then lock the Tower frame using a key.



CCP-74703

## Installing USB-to-Serial Adapter Driver

To install the USB-to-Serial Adapter Driver, follow these steps:

**! Important:** Ensure that the Glory cable is firmly connected to the USB-to-Serial adapter cable, and the USB Type A end is connected to the Terminal Display (Port B). The driver will not successfully install if these cables are not connected.



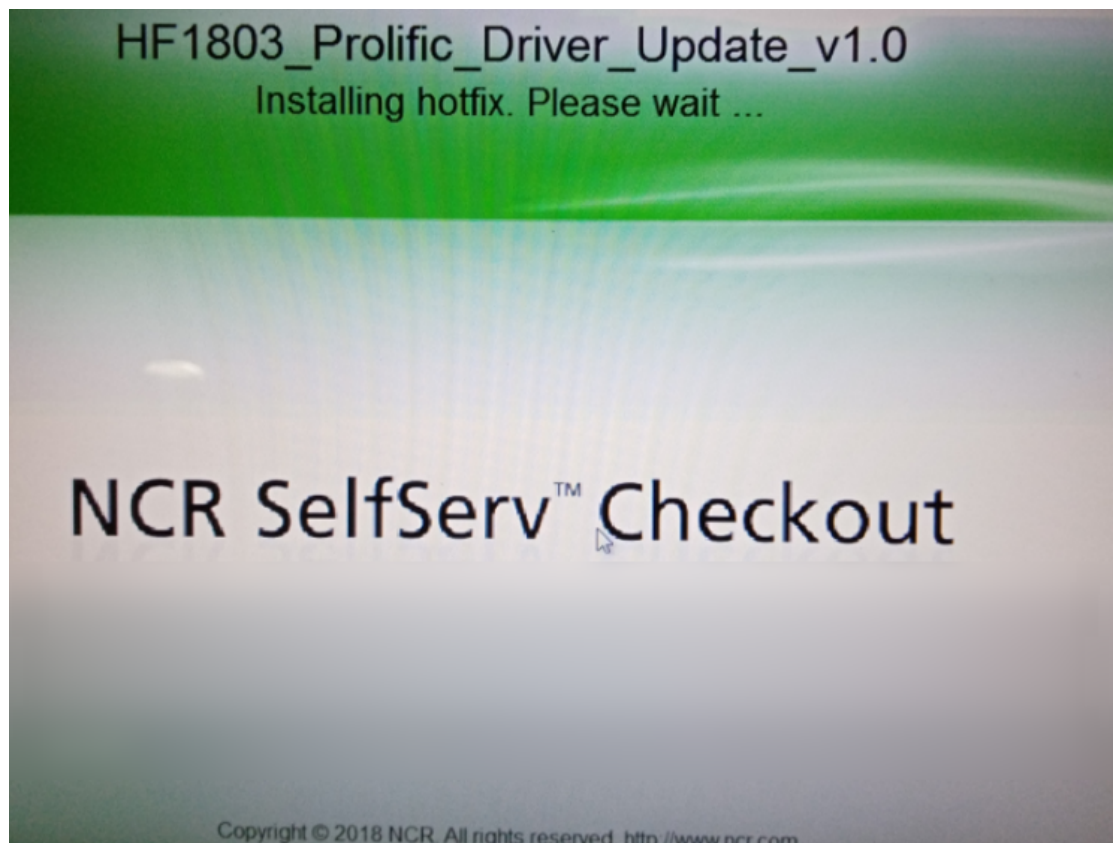
**Note:** The unit must have an internet connection to download the driver file/s.

1. Access the driver from this link: `\\susdlg890.pioneers.ncr.com\platform\ADD Package\Released\Hotfix\Kiosk\HF1803_Prolific_Driver_Update_v1.0`

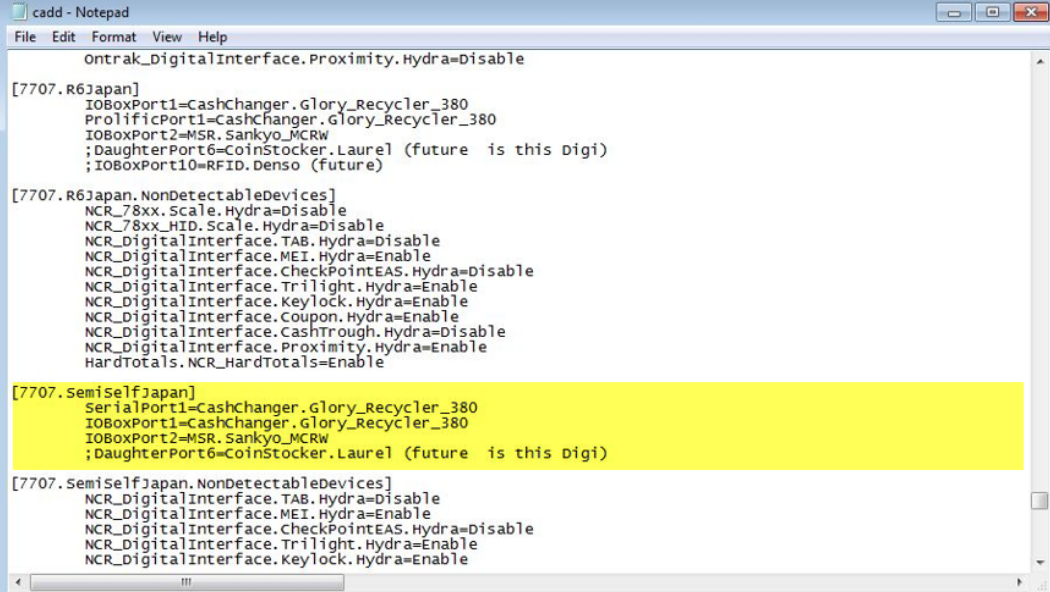


**Note:** For more information, refer to **HF1803\_Prolific\_Driver\_Update\_v1.0 - Release Notes**.

2. Download the HF1803\_Prolific\_Driver\_Update\_v1.0.exe file.
3. Install the HF1803\_Prolific\_Driver\_Update\_v1.0.exe file. The User Account Control prompt appears.
4. Select **Yes**. The application automatically installs.



5. Once the installation process is completed, do the following:
  - a. Go to C:\scot\config\.
  - b. Update the CADD.001 with the following data below:



```

cadd - Notepad
File Edit Format View Help
Ontrak_DigitalInterface.Proximity.Hydra=Disable

[7707.R6Japan]
IOBoxPort1=CashChanger.Glory_Recycler_380
ProlificPort1=CashChanger.Glory_Recycler_380
IOBoxPort2=MSR.Sankyo_MCRW
;DaughterPort6=CoinStocker.Laurel (future is this Digi)
;IOBoxPort10=RFID.Denso (future)

[7707.R6Japan.NonDetectableDevices]
NCR_78xx.Scale.Hydra=Disable
NCR_78xx_HID.Scale.Hydra=Disable
NCR_DigitalInterface.TAB.Hydra=Disable
NCR_DigitalInterface.MEI.Hydra=Enable
NCR_DigitalInterface.CheckPointEAS.Hydra=Disable
NCR_DigitalInterface.Trilight.Hydra=Enable
NCR_DigitalInterface.Keylock.Hydra=Enable
NCR_DigitalInterface.Coupon.Hydra=Enable
NCR_DigitalInterface.CashTrough.Hydra=Disable
NCR_DigitalInterface.Proximity.Hydra=Enable
HardTotals.NCR_HardTotals=Enable

[7707.SemiSelfJapan]
SerialPort1=CashChanger.Glory_Recycler_380
IOBoxPort1=CashChanger.Glory_Recycler_380
IOBoxPort2=MSR.Sankyo_MCRW
;DaughterPort6=CoinStocker.Laurel (future is this Digi)

[7707.SemiSelfJapan.NonDetectableDevices]
NCR_DigitalInterface.TAB.Hydra=Disable
NCR_DigitalInterface.MEI.Hydra=Enable
NCR_DigitalInterface.CheckPointEAS.Hydra=Disable
NCR_DigitalInterface.Trilight.Hydra=Enable
NCR_DigitalInterface.Keylock.Hydra=Enable

```

**[7707.SemiSelfJapan]**

**SerialPort1=CashChanger.Glory\_Recycler\_380**

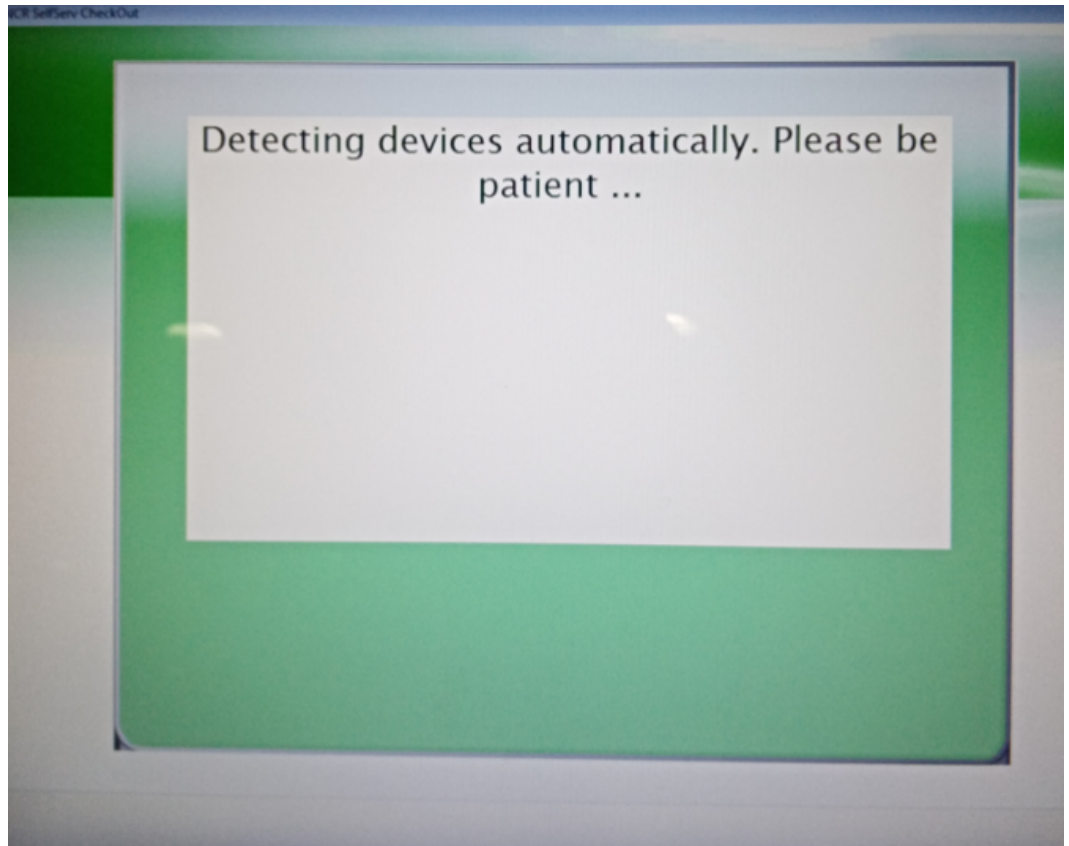
**IOBoxPort1=CashChanger.Glory\_Recycler\_380**

**IOBoxPort2=MSR.Sankyo\_MCRW**

**ProlificPort1=CashChanger.Glory\_Recycler\_380**

- c. Go to C:\scot\logs.
  - d. Delete CADDRuntime.dat
6. Restart the SelfServ Checkout unit.

7. After restarting the system, do the following:
  - a. Run `add.bat`. The application automatically detects and reinstalls the drivers.



- b. Exercise the recycler devices using the Profile Manager Lite (PML) tool test utilities and verify that the devices are functioning as expected. For instructions on how to use the PML tool, refer to the *NCR FastLane SelfServ™ Checkout Profile Manager Lite User Guide (B005-0000-2279)*.