

## **Field Feature Bill of Material (FFBM)**

**P/N 26L0245**

**Network Node Processor Based on 7585-P02**

**(Diskette Drive Exchange 1.44 to 2.88 Mb)**

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## Before Installation (Steps 1-8)

### 1.0 Machine affected :

Network Node Processor based on 7585-P02 with a 1.44 diskette drive.

### 2.0 Related BMs and ECs

None.

### 3.0 BMs to be installed.

None.

- Familiarize yourself with the purpose and details of this instruction prior to obtaining the customer machine commitment.
- Check all items and count parts listed on the B/M's to be installed to make sure that all parts are available to complete this installation.
- Check the diskette drive installed on your NNP is a 1.44 Mb drive.

### 4.0 Programming

None.

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## 5.0 Purpose and Description

### 5.1 Purpose

Replace 1.44 MB diskette drive by a 2.88 diskette drive on the network node processor based on 7585-P02 and allows the installation of this NNP at EC Code level **D46130**.

### 5.2 Description

- Replace 1.44 MB diskette disk drive by 2.88 MB diskette disk drive.

## 6.0 Installation time.

BM to be Installed	Machine Hours	System Hours	Nb of CE
26L0245	1	0.0	1

## 7.0 Tools and Materials required

One display and one keyboard to setup the diskette drive capacity.

**Note:** You can use the display and keyboard of the service processor.

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## Installation (Steps 9-12)

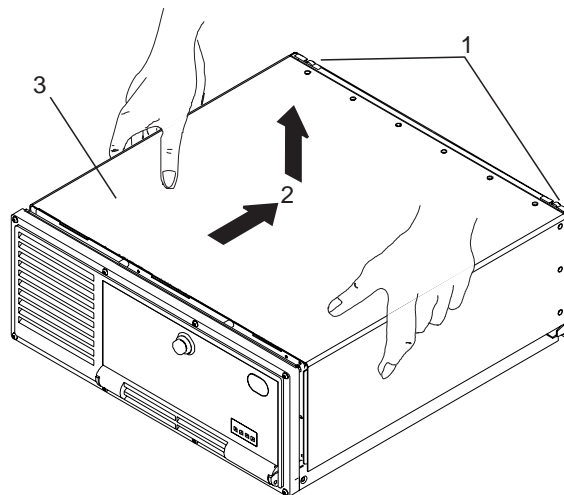
### 8.0 Safety.

Not applicable.

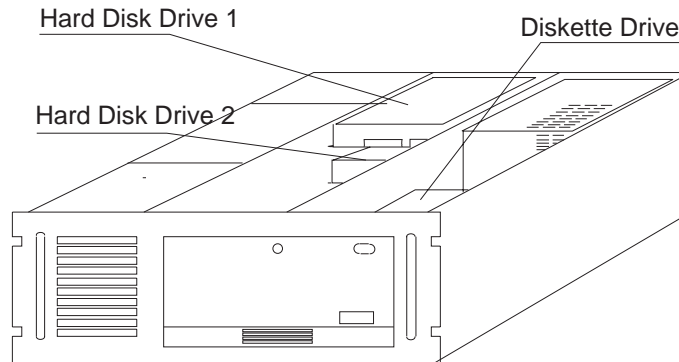
### 9.0 Details of installation

#### 9.1 Opening the System Unit

- 1. Unscrew the two knurled thumbscrews near the top on the back of the system unit, until they release (The two thumbscrews are retained inside the top cover; they will not come out).
- 2. Slide the cover toward the rear approximately 25 mm (1 in.), and
- 3. Lift the cover off.



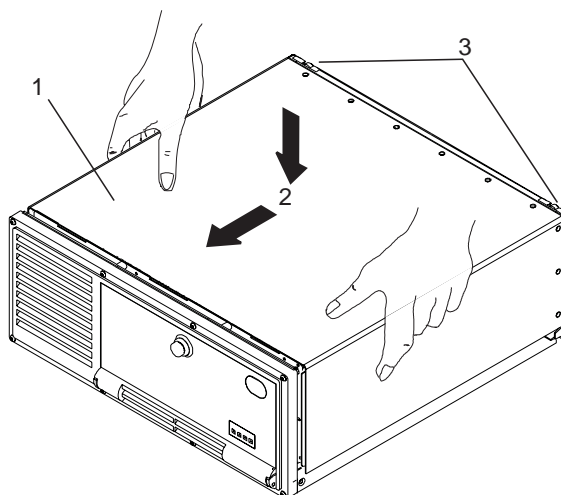
## 9.2 Exchanging the Diskette Drive



- \_\_\_ 1. Remove the front fan filter assembly.
- \_\_\_ 2. Unscrews the four screws at the back of the NNP, grip the front and rear ends and slide the NNP apart.
- \_\_\_ 3. Remove the two screws securing the internal front fascia at the top, and pivot the fascia forward to disengage it from the front chassis. Set the fascia out of the way. The wires are long enough so they can remain connected.)
- \_\_\_ 4. Remove the diskette drive to be exchanged and any other existing removable media drive blocking access to it as follows.
  - a. Disconnect all cables to the drive.
  - b. Slide the drive out the front of the NNP.
- \_\_\_ 5. Set any jumpers, switches, or terminators on the new drive just as those on the old drive are set.
- \_\_\_ 6. Remove the mounting rails from the old drive and attach them to the new drive in the same orientation.
- \_\_\_ 7. Slide the diskette drive into the NNP.
- \_\_\_ 8. Connect all the cables previously removed.
- \_\_\_ 9. Reinstall the fascia and secure it with the two screws previously removed.
- \_\_\_ 10. Reinstall the front fan filter assembly.

## 9.3 Closing the Network Node Processor

- 1. Place the cover on the system unit, leaving approximately 25 mm (1 in.) of space between the edge of the cover and the front of the system unit.
- 2. Slide the cover to the front of the system unit until it is completely on.
- 3. Screw the two knurled thumbscrews near the top on the back of the system unit to secure the cover.



## 9.4 Install a Display and Keyboard on your Network Node Processor

- 1. Have a display and keyboard (you can use the display and keyboard of the service processor).
- 2. Connect the display and keyboard at the rear of the network node processor.

7585-P02

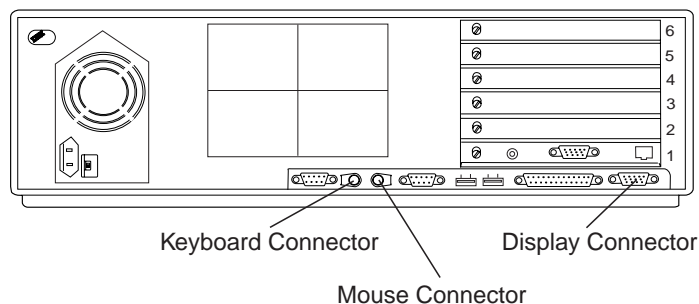


Figure 1. Display and the Keyboard connection on Network Node Processor

- 3. Connect the display power cable to a know working ac source.

## 9.5 Checking the Network Node Processor Configuration.

- \_\_\_ 1. Switch **ON** the network node processor and the display using their respective power ON/OFF switch located on the front panel.
- \_\_\_ 2. When the following icon appears at the upper-right corner of the display, press the **F1** key to invoke the **Configuration Utility** after POST completion.



- \_\_\_ 3. A count of the computer memory appears at the upper-left corner of the display.
- \_\_\_ 4. If an error is detected, a message is displayed requesting you to press the **Enter** key to run the configuration utility.
- \_\_\_ 5. When the configuration/Setup Utility window is displayed, select the option **Device and I/O Ports**

Configuration/Setup Utility

Select Option:

- System Summary	<b>1</b>
- Product Data	<b>2</b>
- Device and I/O Ports	<b>3</b>
- Date and Time	<b>4</b>
- System Security	<b>5</b>
- Start Options	<b>6</b>
- Advanced Setup	<b>7</b>
- ISA Legacy Resources	<b>8</b>
- Advanced Power Management	<b>9</b>

Save Settings

Restore Settings

Load Default Settings

Exit Setup

**3**

Device and I/O Ports

Mouse	<b>(Not Installed)</b>
Diskette Drive A:	<b>(2.88 MB 3.5")</b>
Diskette Drive B:	(Not Installed)

- Serial Port Setup...

- Parallel Port Setup...

- Video Setup...

- IDE Drives Setup...

- \_\_\_ 6. Using the arrow keys, change the diskette drive capacity (1.44 MB 3.5" by 2.88 MB 3.5"). and verify that mouse is set to **Not Installed**, then press **Escape**



- \_\_\_ 7. Select the option **Start Options** **6**

Start Options	
Keyboard Numlock State	(ON)
Keyboard Speed	(Fast)
Diskettes Operation	(Disabled)
Monitorles Operation	<b>(Enabled)</b>
Keyboardles Operation Mode	<b>(Enabled)</b>
First Startup Device	(Diskette Drive 0)
Second Startup Device	(Hard Disk 0 )
Third Startup Device	(Disabled )
Fourth Startup Device	(Disabled )
Power On Self-Test	(Quick)
Power On Log	(Enabled )
Power On F1/Esc Option	(Enabled )
Virus detection	(Disabled)

- \_\_\_ 8. Verify that the monitorless and keyboardless operation are **enabled**, press **Escape**
- \_\_\_ 9. Select **Save Settings**.
- \_\_\_ 10. Select exit setup and follow the prompts to leave the **Configuration/Setup Utility**.

## 9.6 Testing the diskette drive

- \_\_\_ 1. Power OFF the network node processor.
- \_\_\_ 2. Insert the **Diagnostic** diskette in drive A.
- \_\_\_ 3. Power ON the network node processor and the attached display.
- \_\_\_ 4. Do not press **F1** when the icon appears
- \_\_\_ 5. If any POST errors appear after POST, make a note of the error(s) and press the **Esc** key.
- \_\_\_ 6. The following window is displayed.

<p>QAPlus/PRO by Diagsoft for IBM</p> <p>Press any key to continue</p>
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- \_\_\_ 7. Follow the prompts until the following window is displayed.

```

QAPlus/PRO
QAPlus/PRO Advanced Diagnostic
System is being analysed
  
```

- \_\_\_ 8. Wait until the main Menu is displayed

```

Main Menu
Diagnostics
System Info
Reports
Utility
Exit
  
```

- \_\_\_ 9. Select the **Diagnostics** option.
- \_\_\_ 10. The **Diagnostics Menu** menu is displayed.

```

Diagnostics
Quick Check
Module Tests
Options
  
```

- \_\_\_ 11. Select the **Module Tests**.
- \_\_\_ 12. A window is displayed, select **floppy disks**, then follow the prompts.
- \_\_\_ 13. Power **OFF** the network node processor and the display.
- \_\_\_ 14. Disconnect the display from its power source.
- \_\_\_ 15. Disconnect the display and the keyboard cable (and the mouse if any) from the rear of the network node processor.

## 9.7 Restarting the Network Node Processor

- \_\_\_ 1. Power **ON** the network node processor.
- \_\_\_ 2. The system reboot, wait for a while....

You are now ready to install the NNP (FC 5122) using the instruction shipped with the MES.

## 9.8 Leaving Procedure

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None

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## 10.0 Testing Procedure

None

## 11.0 Field updating.

None

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## After Installation (Steps 13-15)

### 12.0 Field updating.

None

### 13.0 Field support publications.

None

### 14.0 Parts disposition.

Not applicable.

### 15.0 Machine records

- Install the new **MACHINE HISTORY** if supplied.
- Report the installation and quality according to the existing procedure.

**END OF INSTRUCTION**