Installation of Field Feature Bill of Material (FFBM)

PN 10K8655

Network Node Processor Upgrade to Type 4 (Based on 6563) Feature Code 5448 on IBM 3746 Models 900 and 950

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Before Installation (Steps 1-8)

1.0 Machines Affected

- 3746 Model 900 and 950.

This feature should only be applied on the machine serial for which it is specified.

2.0 Related BMs and ECs

2.1 Prerequisites

(Must be installed prior this installation)

Feature	Title
5054	Service Processor Type 6563 Model 65U or
5053	Service Processor Type 6275 Model 56U or 83U or
5052	Service Processor Type 7585-P02 or
5021	Service Processor Type 3172-P90 or

EC	Title
F64810D	Licensed Internal Code (Minimum level)

Checkpoint: Check that the TSP EC Level is F64814.009 or higher.

Note: Refer to the *SPIM* or the *Service User's Guide* shipped with the service processor, verify that the code is at EC **F64810** or above.

Use the procedure: **Displaying the EC Level of the Code installed on the hard disk**. If the EC of the code installed is prior to F64810, use the installation instructions to install the new level of code shipped.

3.0 BMs to be Installed

FFB/M	Title
10K8655	Install Network Node Processor Type 4 (6563)

4.0 Preparation

- Familiarize yourself with the purpose and details of the installation instruction before negotiating machine time with the customer.
- Check all items listed on the BM(s) to determine that all parts have been received.
- The set up of the Service Processor has no impact on customer operations.

5.0 Programming

None.

6.0 Purpose and Description

6.1 Purpose

To replace old Network Node Processor system unit by the new one based on NNP Type 6563.

6.2 Description

Install/replace a Network Node Processor.

7.0 Installation Time

FFBM	Machine Hrs.	System Hrs.	Nbr of CE
10K8655	see Note	00.0	1

Note: Machine time depends on configuration: from one hour up to two hours if NNP and MAE are present. Disruptive for customer operations.

8.0 Safety

None.

9.0 Details of Installation

Ask the customer to stop all the operations involving the Network Node Processor.

9.1 Removing the previous NNP(s)

__ 1. Power OFF the NNP(s) installed.

__ 2. Disconnect the following cables at the rear of the installed NNP(s)

a. The power cable
b. the LAN attachment cable.

See Figure 1 for NNP based on 6275, Figure 2 on page 6 for NNP based on 7585, and Figure 3 on page 7 for NNP based on 3172.

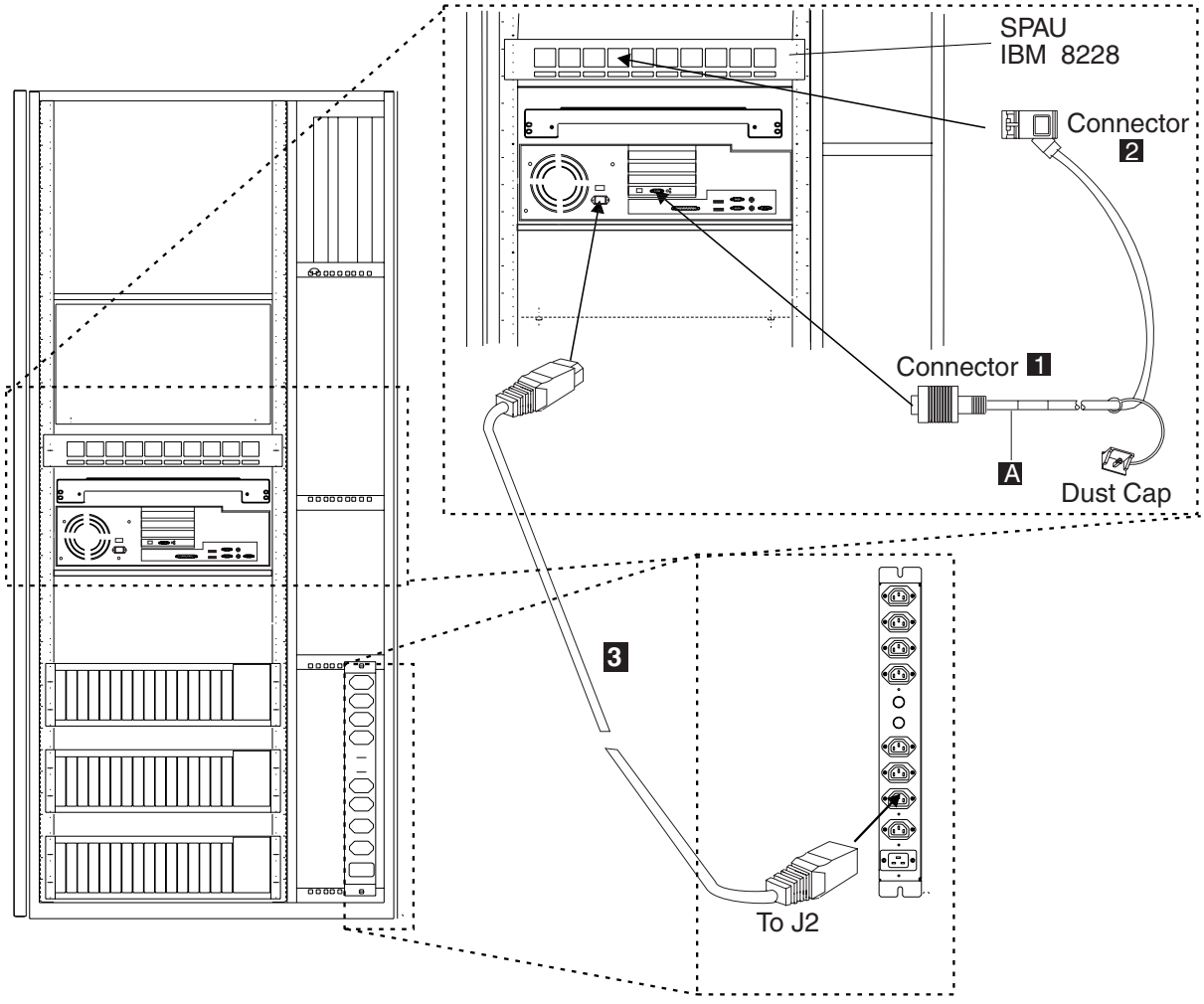

Figure 1. Removing Cables at the Rear of NNP Based on 6275

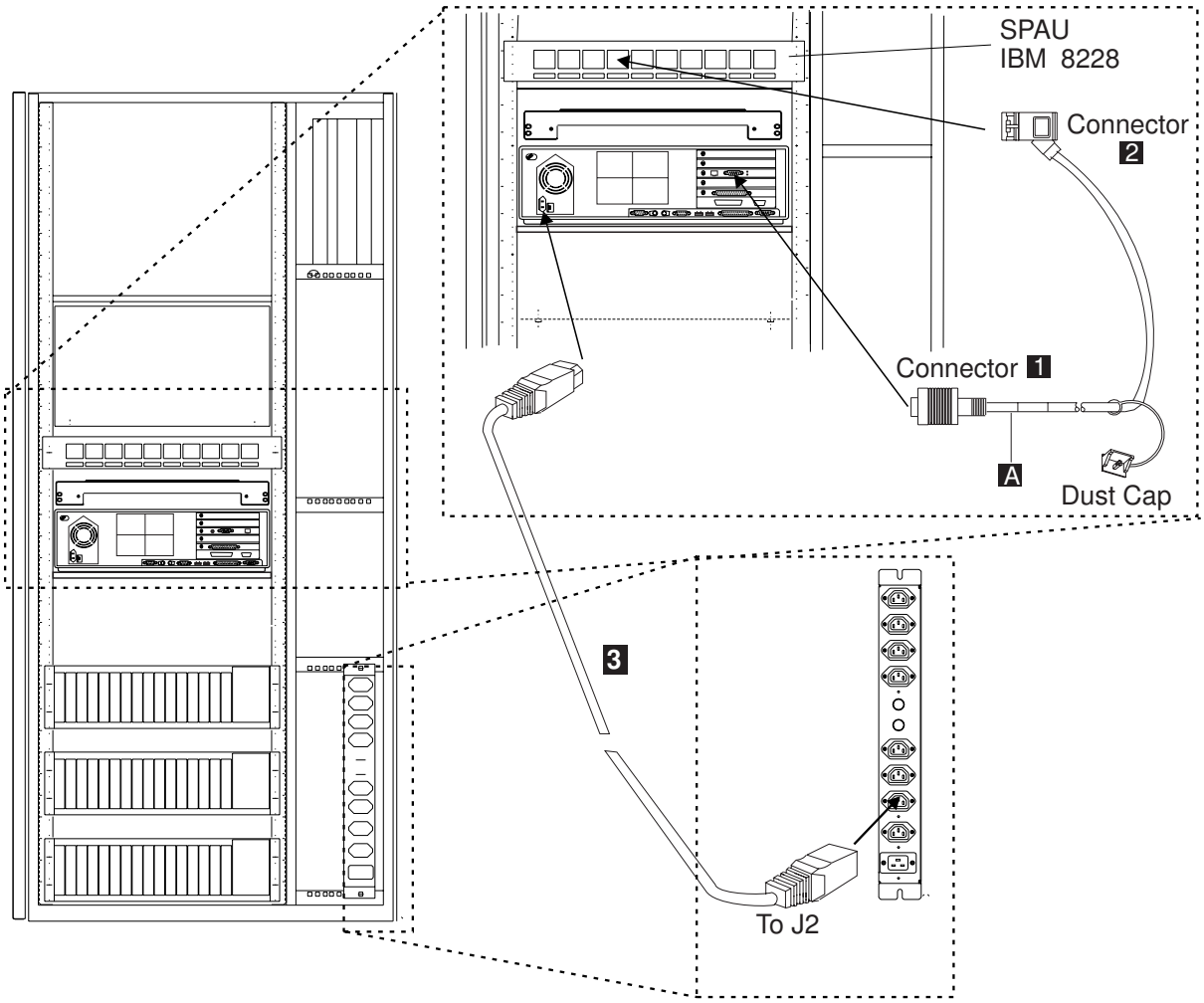

Figure 2. Removing Cables at the Rear of NNP Based on 7585

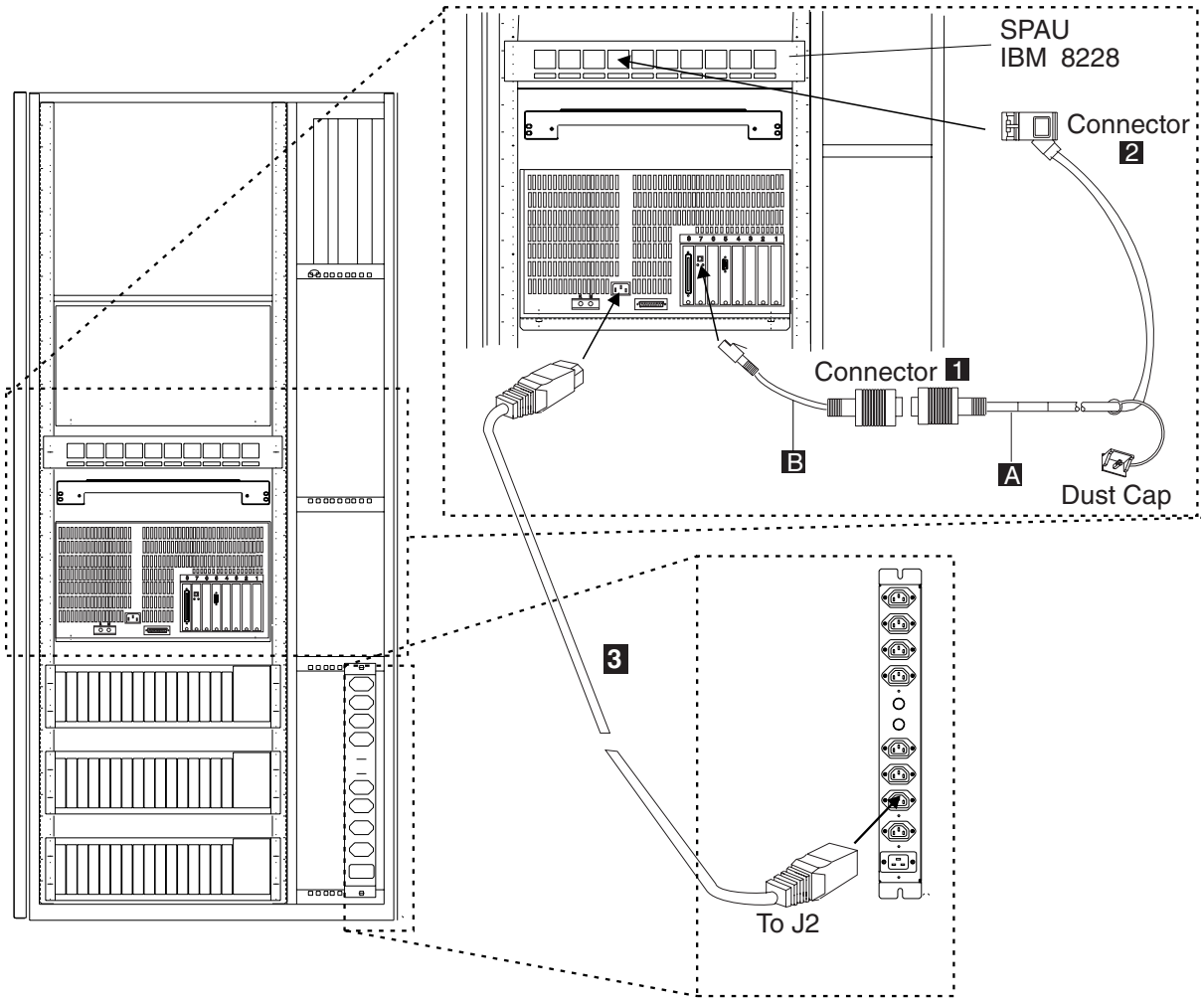

Figure 3. Removing Cables at the Rear of NNP Based on 3172

__ 3. If you remove a NNP based on 3172, from the rear of the rack, slide out the NNP.

__ 4. If you remove a NNP based on 7585, at the front side of the rack loosen the four screws **A**, then slide out the NNP (see Figure 4 on page 8).

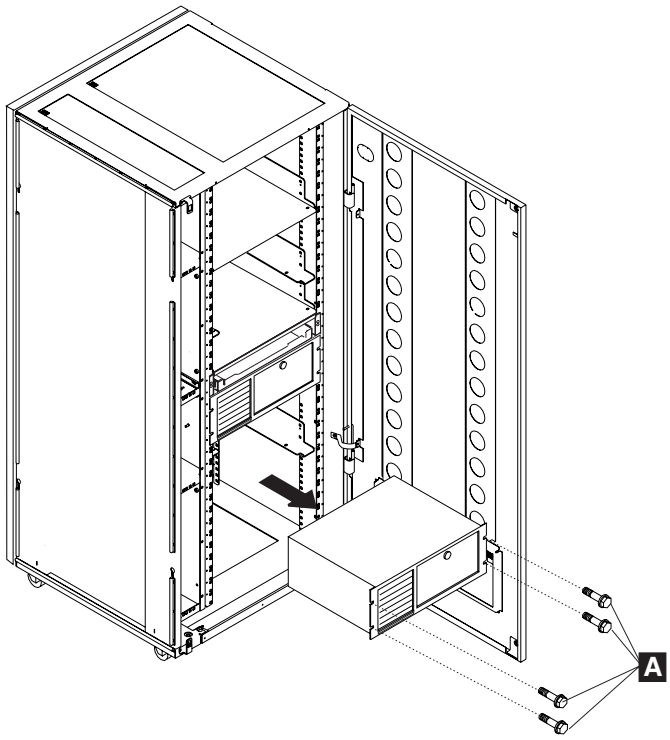

Figure 4. Removing the 3172 from the Controller Expansion

9.2 Installing the New Network Node Processor with its Code

__ 1. Install the NNP and the associated code according to the instructions given in Chapter 1 of the *Network Node Processor Installation and Maintenance (Based on 6563)* SY27-0394 provided with the network node processor that you have to install. When completed continue with the next Step.

__ 2. Ask the customer for a maintenance window on 3746-9X0 with traffic deactivated.

__ 3. Shutdown and restart the Service Processor and re-iml the 3746-9X0.

9.3 Returning the Machine to the Customer

Inform the Customer that the machine is now ready to restart the applications.

10.0 Test Procedures

No Test Required

11.0 Field Updating

None.

After Installation (Steps 13-15)

12.0 Publications Update

None.

13.0 Parts Disposition

The removed part become the property of IBM. You MUST RETURN this part following the instructions given on the Returned Material Equipment Report (RMER) provided with this FFBM.

The following part must be returned to the address given on the RMER form.

Part Returned	Quantity
Control Unit	1

14.0 Machine Records

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

End of instructions.