



Field Feature Bill of Material (FFBM)

PN 89H4322

REMOVAL of the 2nd Expansion Enclosure (FC 5016)

from IBM 3746 Model 9X0

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| PN 89H4322 2 of 12 | EC E63483B 05NOV96 | | | | |
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Before Removal (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

None.

3.0 BMs to be Used

- 89G4322 - Installation instructions
- FFBM - 89H3322 - 2nd Expansion enclosure removal

4.0 Preparation

1. Familiarize yourself with the purpose and details of these removal instructions before negotiating machine time with the customer.
2. Check all the items and count the parts listed on the BM(s) to be installed to verify whether all the parts were received.

5.0 Programming

None.

6.0 Purpose and Description

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6.1 Purpose

Remove an expansion enclosure and associated cabling from a 3746-9x0.

7.0 Installation Time

| FFBM Installed | Machine Hours | System Hours | Nbr CE |
|----------------|---------------|--------------|--------|
| 89H4322 | 1.0 | 0.0 | 1 |

8.0 Tools/Materials Required

ESD kit (PN 6428316).

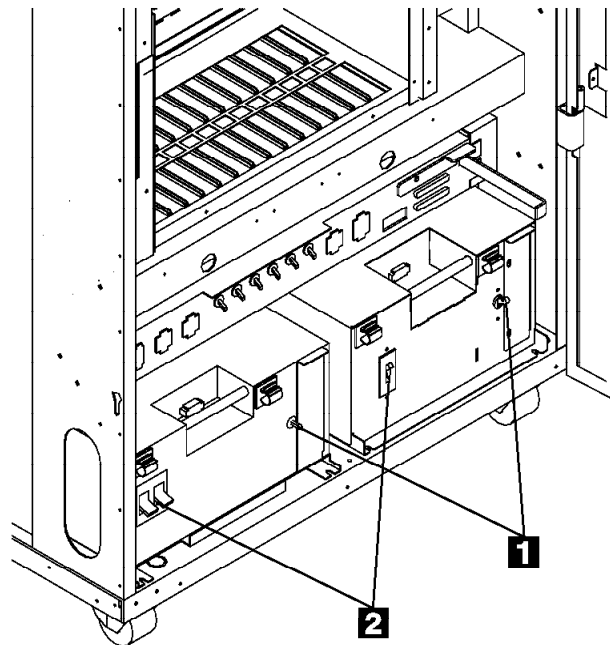
Removal (Steps 9-11)

9.0 Safety

- This removal must be performed 3746-9x0 power **OFF**.
- Review the **Safety Notices** and the **Service Inspection Procedures** located at the beginning of the:
 - 3746 Model 900 Service Guide manual, SY33-2116, or
 - 3746 Model 950 Service Guide manual, SY33-2106.

10.0 Details of Installation

- ___ 1. Ask the customer to deactivate all the lines connected to the 3746-9x0.
- ___ 2. From the control panel of the 3746-9x0 set the **Power Control** indicator to **3**, and press the **Validate** key.
- ___ 3. Press the **Standby** key.
- ___ 4. Wait (30 seconds) until **Standby** indicator is permanently **ON**.
- ___ 5. Open the front and rear 3746-9x0 covers.
- ___ 6. Switch **OFF** the **CP1(s)** **1**, then
- ___ 7. Switch **OFF** the **CB1(s)** **2**.



10.1 Removing the Internal Covers

(Refer to Component location label on the rear and front door).

From the rear of the 3746-9x0.

- ___ 1. Unfasten the screws of the covers **1** to **6** and remove the covers.

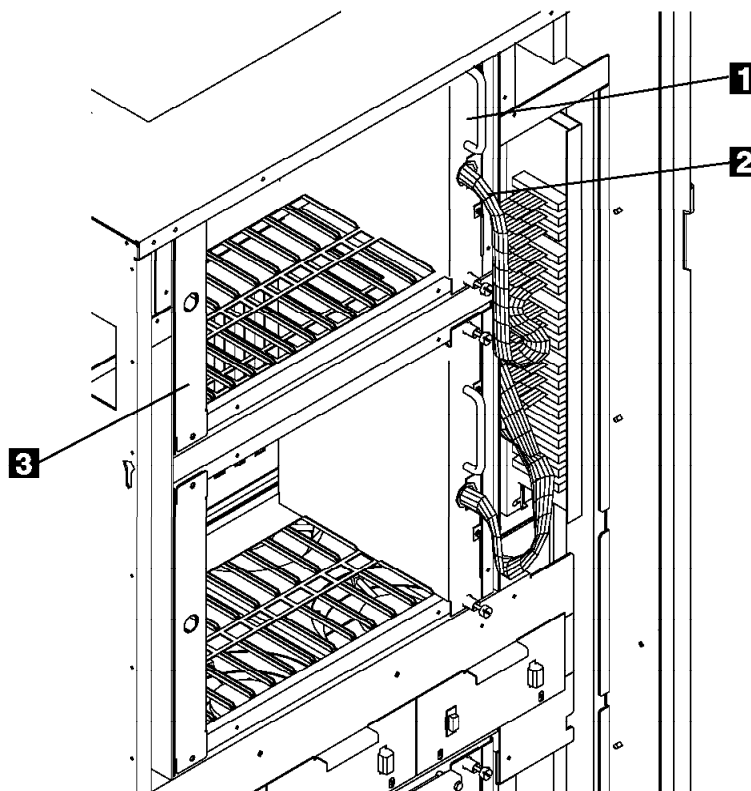
From the front of the 3746-9x0.

- ___ 2. Unfasten the screws of the covers **8** and **9** and remove the covers.
- ___ 3. Save all covers removed for reinstallation.

10.2 Removing the CSCE Cassette and Cables.

From the front of the 3746-9x0:

- ___ 1. Remove the blanking plate **3** (PN 03F7448)
- ___ 2. Unplug the CSCE cable **2** from CS connectors D through P (White area).
- ___ 3. Unplug the CSCE cassette **1** from position A.

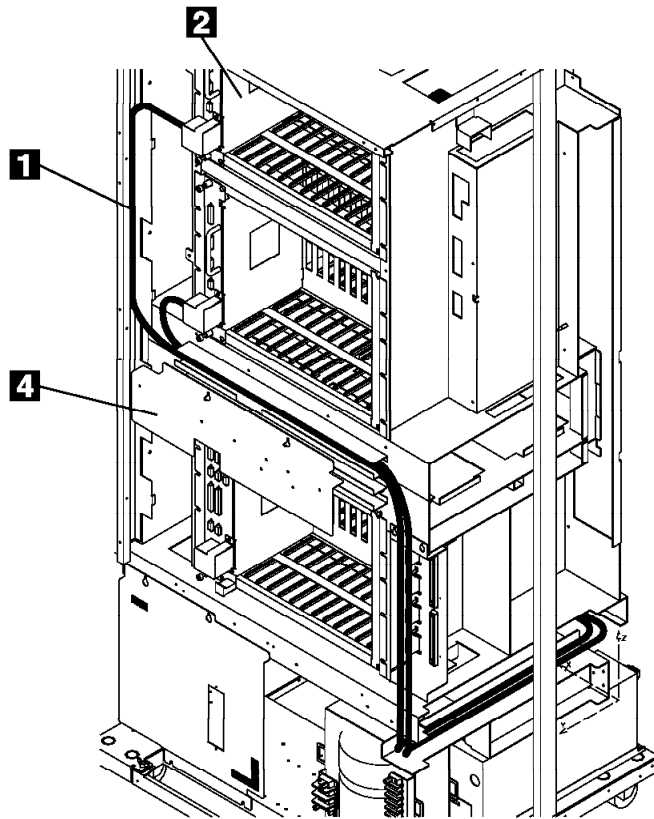




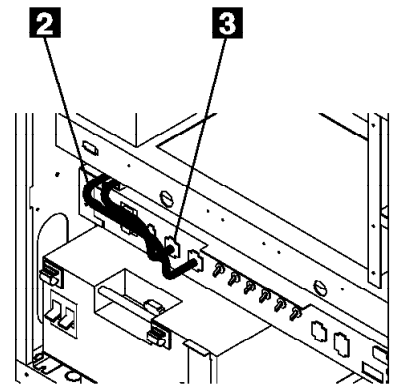
10.3 Removing the SPD2 Cassette and Cables.

From the rear of the 3746-9x0:

- ___ 1. Verify that CP6 and CP7 are set OFF.
- ___ 2. Unplug and remove the cable **1** (PN 03F7644) from SPD2-J5 **2** to DCDP-J2 **3**.
- ___ 3. Reinstall cover **4** and its cables in clamps



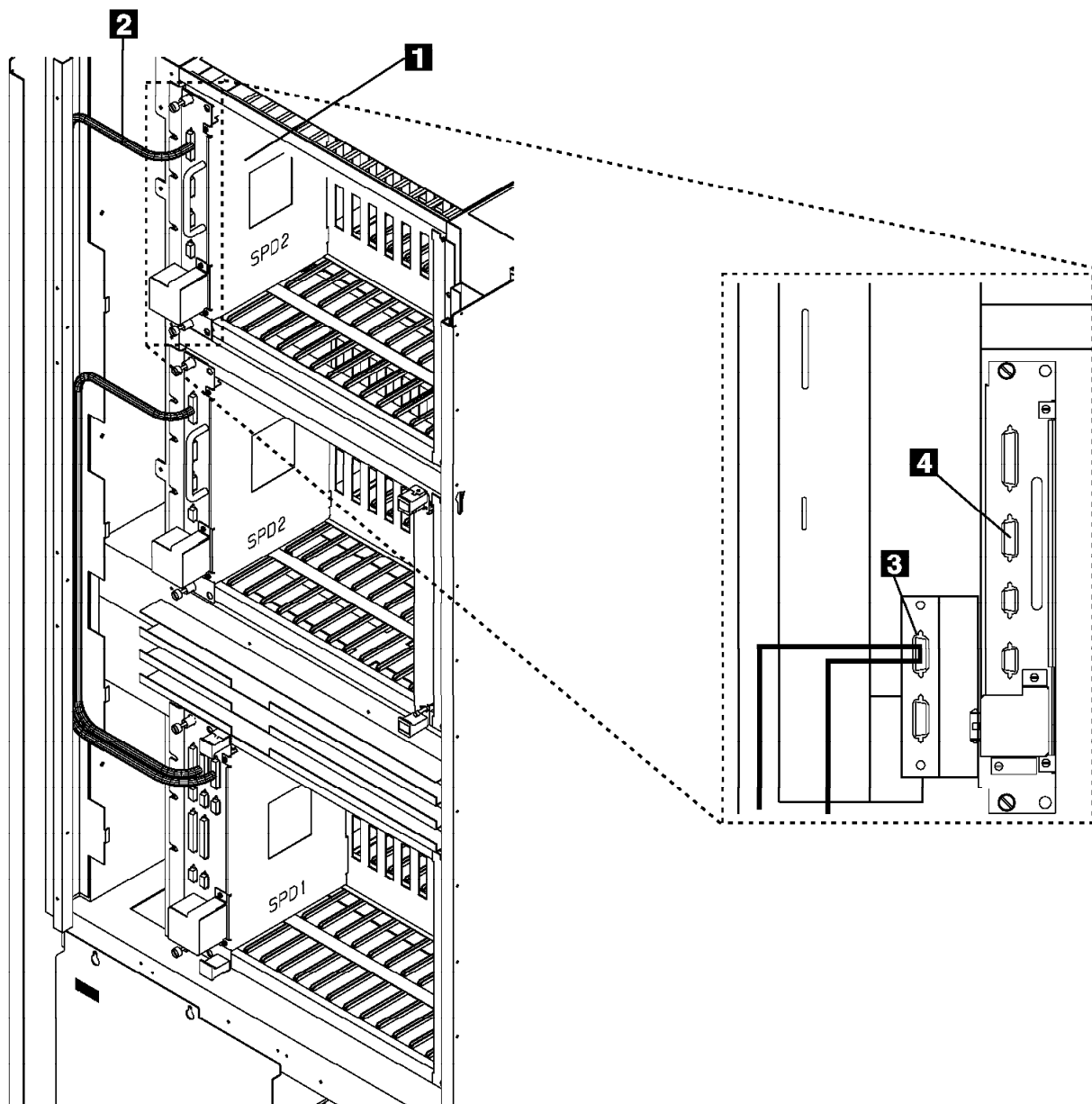
Rear View



Front View



- 4. Move the plug, on cable (PN 03F7578), from SPD2-J2 **4** to the dummy connector **3**.
- 5. Unplug the cable **2** (PN 72F1196) from SPD2-J1 to SPD1-J3 and remove it.
- 6. Unplug the SPD2 cassette **1** from position A.



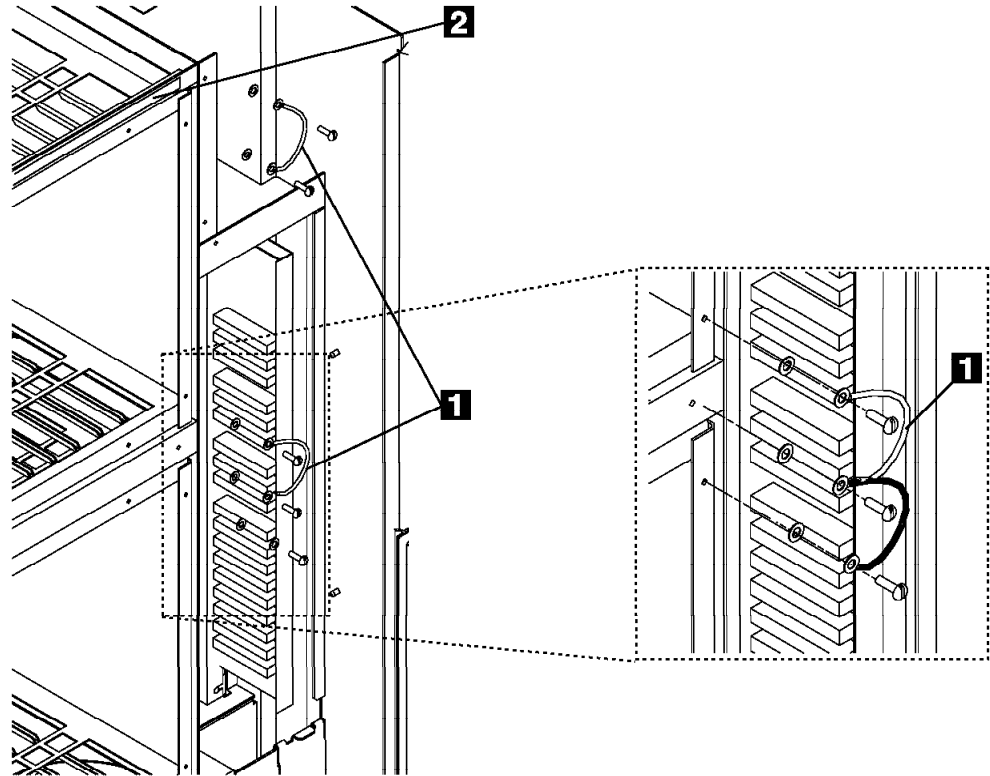
Rear View



10.4 Removing the Enclosure.

From the front of the 3746-9x0:

- ___ 1. Remove the two ground jumpers **1** (PN 72F1250).

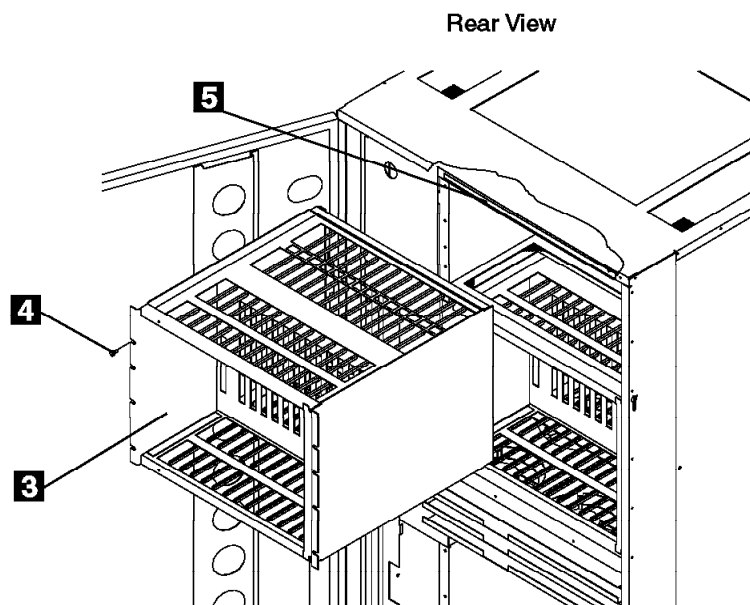


Front View



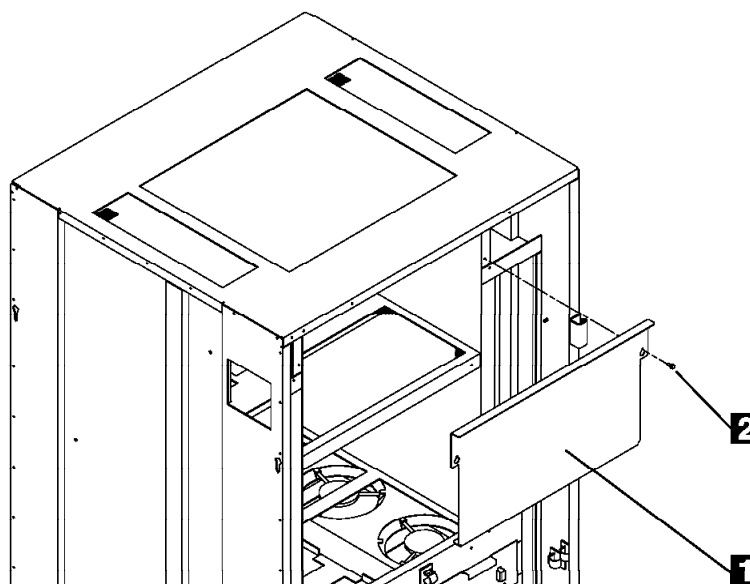
From the rear of the 3746-9x0:

- ___ 2. Unfasten and remove the six screws **4** (PN 1621210), then
- ___ 3. Remove the enclosure **3** (PN 03F7365) from the frame.



From the front of the 3746-9x0:

- ___ 4. Install the cover PN 72F1198 **1** and secure it 2 screws **2** (PN 1621191).



Front View



10.5 Re-installing the Internal Covers.

(Refer to Component location label on the rear and front door).

From the rear of the 3746-9x0:

- ___ 1. Install the cover No.6 PN 72F1011, fasten the screws.
- ___ 2. Re-install the covers No. 2 to 5, fasten the screws.

From the front of the 3746-9x0:

- ___ 3. Re-install the covers 8 and 9, fasten the screws.

11.0 Test Procedures

12.0 Test Procedures

- ___ 1. Switch ON the CB1(s), then CP1(s).
Wait until the **Standby** indicator is permanently ON.
- ___ 2. Press the **Start** key.
Wait for SRC **00-00-0000** displayed on the control panel.
- ___ 3. Set the **Power Control Mode** indicator to its initial value.
Press the **Validate** key.
- ___ 4. Close the front and rear covers of the 3746-9x0
- ___ 5. Inform the customer that i can re-start the traffic.



After Removal (steps 12-15)

13.0 Field Updating

None.

14.0 Publications Update

None.

15.0 Parts Disposition

15.1 Purchased Machines

Refer to the parts ownership matrix to determine the correct owner of removed/unused parts.

- For EMEA/APG/AG Areas, refer to *Hardware and General Service Code Description*.
- For Domestic Areas, return parts to the customer.

16.0 Machine Records

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

End of instructions.



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