

Field Feature Bill of Material (FFBM)

PN 66X1368

RE-INSTALLATION of a Low Speed Scanner (RPQ 7L1057) in IBM 3745 Models X10/X1A or in IBM 3746 Models A11 and A12

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3745 FFBM	PN 66X1368 1 of 20	EC A73231 21NOV89	EC A73231A 13DEC89	EC A97885 16MAR90	EC A98318 05AUG91	EC D55651 07JUL93
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Before Installation (steps 1-8)

1.0 Machines Affected

3745 Models 210/21A/310/31A/410/41A/610/61A
and 3746 Models A11/A12.

2.0 Related BMs and ECs

2.1 Prerequisites

- Feature: unused slots available in adapter enclosures 01G, 02A, 02F, or 03F for installation of TSS cards.

2.2 Concurrent

(Must be Installed Together)
None.

2.3 Companion

(May be Installed Separately)
None.

3.0 B/M(s) to be Installed

- 66X1368 - Installation Instructions
- 66X1367 - TSS re-installation in 3745 or 3746-A11/A12.

3.1 As required BM

- 66X0037 - Line adapter power supply (if you re-install an adapter in an ODD position).

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4.0 Preparation

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

Notes:

- a. The 01G-A1 board in base frame can be TSSB or TSST.
 - A TSST board (used only in the 3745) can have TRSS, TSS and/or HPTSS/ELA adapters installed.
 - A TSSB board can have TSS and HPTSS/ELA adapters installed.
- b. TSSB and TSST boards are shared between 2 IOC buses.
 - IOC bus group 1 drives adapter positions 1 through 4.
 - IOC bus group 2 drives adapter positions 5 through 8 of each board.
- ___ 3. Using the *HONE configurator sheet* and the following tables determine the adapter cards and power (if required) positions to be installed.

- Table 1: TSS adapter re-installation in TSST board (01G-A1 board only).

Adapt. Position	1	2	3	4	5	6	7	8
CARDS CSP	N/A	N/A	G2	J2	N/A	N/A	S2	U2
IN 01G-A1 FESL	N/A	N/A	H2	K2	N/A	N/A	T2	V2
Power Supply (PSTY4)	08 01H-A1	09 01H-B1	10 01H-C1	11 01H-D1				

- Table 2: TSS adapter re-installation in TSSB board (01G-A1 only).

Adapt. Position	1	2	3	4	5	6	7	8
CARDS CSP	E2	G2	J2	L2	N2	Q2	S2	U2
IN 01G-A1 FESL	F2	H2	K2	M2	P2	R2	T2	V2
Power Supply (PSTY4)	08 01H-A1	09 01H-B1	10 01H-C1	11 01H-D1				

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- Table 3: TSS adapter re-installation in: 02A-A1 (adapter frame 2)
or in : 02F-A1 (adapter frame 2)
or in : 03F-A1 (adapter frame 3)

Adpt.pos.in 02A-A1	9	10	11	12	13	14	15	16
Power supply: ID (PSTY4) : Position	18 02B-A1	19 02B-B1	20 02B-C1	21 02B-D1				

Adpt.pos.in 02F-A1	17	18	19	20	21	22	23	24
Power supply: ID (PSTY4) : position	22 02G-A1	23 02G-B1	24 02G-C1	25 02G-D1				

Adpt.pos. in 03F-A1	25	26	27	28	29	30	31	32
Power supply: ID (PSTY4) : position	26 03G-A1	27 03G-B1	28 03G-C1	29 03G-D1				
Cards CSP Position in TSSB FESL	E2 F2	G2 H2	J2 K2	L2 M2	N2 P2	Q2 R2	S2 T2	U2 V2

- ___ 4. The installation of a TSS can be performed either online (concurrent mode with NCP running, MOSS online) or offline (complete machine power OFF).

Important note

1. The online installation of a TSS in 3745-X1A is disruptive for 3746-900 operations.
2. Ask the customer to deactivate all resources of the 3746-900 900 before installing the adapter.

Select the procedure according to machine availability.

- ___ 5. If you install a TSS in a 3745/3746 housing an ALC feature (RPQ 7L1092), the first ALC feature on the IOC bus must be moved, and plugged in last position of adapters.
TSS feature will be plugged in place of the ALC feature.
- ___ 6. **For 3745-X1A and 3746-900:**
Configuration modification in a line adapter chain, in 3745-X1A with 3746-900 connected, requires the relocation of ACTIVE/PASSIVE bypass cards in IOC/DMA bus for proper signals propagation. This will be done in section 11.0. Parts to be used for relocation are part of the 3746-900 shipping group (holders, BPC1, ABP, cables...).

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3745

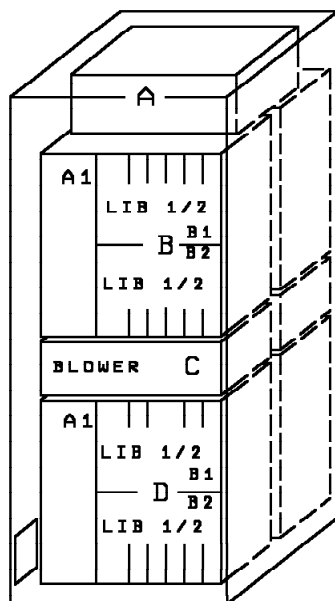


Rear View

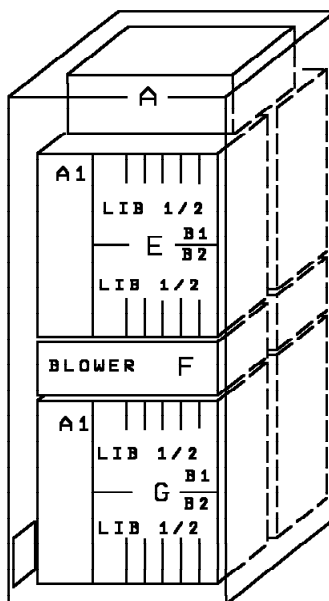
3746 A12



3746 MODEL L14/L15/L16



FRONT VIEW



REAR VIEW

5.0 Program Update

5.1 Diagnostic Programs

To reflect this change, the CDF will be performed in step 11.0. This is essential to allow the internal diagnostics to be run properly.

5.2 System Programs

The customer must update the control program to implement this change.

NCP Tier	Usage Limits (Up to...)
1	1 TSS/HPTSS + 1 TRA + 2 CA
2	2 TSS/HPTSS + 1 TRA + 2 CA
2.5	6 TSS/HPTSS + 0 TRA + 4 CA
or	2 TSS/HPTSS + 2 TRA + 4 CA
3	8 TSS/HPTSS + 0 TRA + 8 CA
or	4 TSS/HPTSS + 4 TRA + 8 CA
4	24 TSS/HPTSS + 0 TRA + 16 CA
or	20 TSS/HPTSS + 4 TRA + 16 CA
5	32 TSS/HPTSS + 0 TRA + 16 CA
or	28 TSS/HPTSS + 4 TRA + 16 CA

6.0 Purpose and Description

6.1 Purpose

Re-install a Low Speed Scanner (TSS).

6.2 Description

Install adapter cards and associated Power Supply (if required).

7.0 Installation Time

FFBM	Machine Hrs.	System Hrs.
66X1367 (TSS re-install)	1.3	00.0
66X0037 (POWER)	0.4	00.0
TEST TIME	0.7	00.0
Total time: TSS with Power: 2.4		
Add 0.3 for ABP card relocation		
(if 3746-900 attached)		

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8.0 Tools/Materials Required

ESD kit (PN 6428316).

Installation (steps 9-11)

9.0 Safety

- The adapter installation can be performed either online or offline.
- Review the **Safety Notices** and the **Safety Inspection Procedures** located at the beginning of the *3745 Maintenance Information Procedures (MIP)* manual (SY33-2054).

10.0 Details of Installation

- If you are installing an adapter with the machine **POWER ON**, go to **Step 10.2, "Adapter Installation Online (3745 Power ON)"** on page 9.
- Otherwise, continue.

10.1 Adapter Installation Offline (3745 Power OFF)

Before the installation, ask the customer:

- To set all the lines and channel addresses offline for this controller.
- To deactivate all resources of the 3746 Model 900, if attached.
- For the maintenance password.
- To logoff the console, if not already done.

10.1.1 From the 3745 Control Panel

- 1. Check that **Power Control** displays 3.
- 2. If it does not, record the value ____.
Set the **Power Control** value to 3.
Press the **Validate** key.

- If you are installing an adapter in a 3745-X1A or in a 3746-A11/A12 connected to a 3745-X1A, go to Step 10.1.3, "Log the Service Processor on."
- Otherwise, continue.

10.1.2 Log the 3745-X10 Console on

- 1. From the **CA INTERFACE DISPLAY** screen, record **Enabled channel adapters**. Then, **disable** all channel adapters.
- 2. Wait for **Interface Status Disabled** for all CAs. Press **F4**.
- 3. Enter the maintenance password, press **Send**.

Note: If Model 410/610, the CCU must be selected with **CSR** function before **RST**.
Perform the **CSR/RST** sequence for each CCU.

- 4. If the CCU is running, enter **CSR** and select CCU A or/and CCU B. Then, enter **RST** to reset the CCU(s).
The MOSS goes in **MOSS ALONE** state.

- Go to Step 10.1.5, "Display the CDF" on page 9.

10.1.3 Log the Service Processor on

- 1. On the **MOSS-E View** window, click on **Program**.
- 2. Click on **LOG ON MOSS-E**.
- 3. Enter the maintenance password, press **Enter**.

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10.1.4 Open MOSS/MOSS-E Session

- ___ 1. On the **MOSS-E View** window, double click on the icon of the identified 3745.
- ___ 2. On the **3745 Menu** window, double click on **MOSS Console**.
- ___ 3. When **MOSS Console** screen is displayed, enter **CID**, press **Enter**.
- ___ 4. From the **CA INTERF DISPLAY** screen, record **Enabled channel adapters**. Then, **disable** all channel adapters.
- ___ 5. When all CAs are **DISABLED**, press **F1**.

Note: On Models 41A/61A, CCU must be selected with **CSR** function before performing **RST**.

Perform CSR/RST sequence for each CCU.

- ___ 6. If CCU running, enter **CSR** and select CCU A or CCU B. Then, enter **RST** to reset CCU(s).
The MOSS goes in **MOSS ALONE** state.

10.1.5 Display the CDF

Note: From this point, the **Send** key is used only for a local console. For a Service Processor, press the **Enter** key.

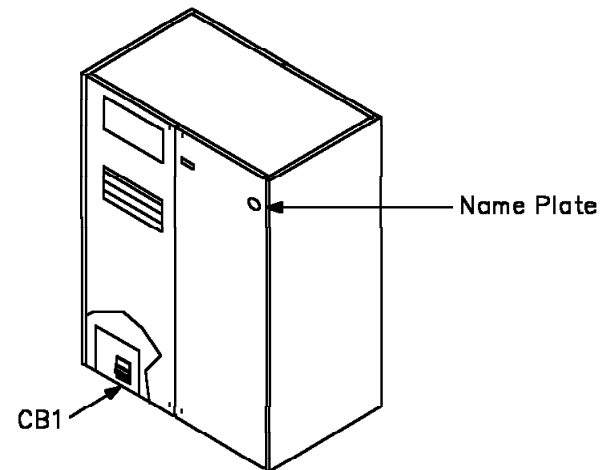
- ___ 1. Enter **CDF**, press **Send/Enter**.
- ___ 2. Enter **1** (DISPLAY/UPDATE), press **Send/Enter**.
- ___ 3. Enter **7** (LINE ADAPTERS (LA)), press **Send/Enter**.
Check for the presence of an **N** for the LA position to be installed according to the *HONE configurator sheet*. Press **F1**.

10.1.6 Run the Diagnostics

- ___ 1. Enter **ODG**, press **Send/Enter**.
- ___ 2. Enter **3** (IOCB), press **Send/Enter**.
 - If **NO ERROR FOUND** is displayed, press **F1**.
 - If an error is reported, see the *MIP*, Chapter 2, and follow appropriate procedure.

10.1.7 Power OFF

- ___ 1. From the 3745 control panel, press the **Power OFF** key.
- ___ 2. Open the left cover of the 3745, then switch **CB1** OFF.



- Go to Step 10.3, "TSS Installation" on page 11.

10.2 Adapter Installation Online (3745 Power ON)

Before the installation, ask the customer:

- ___ 1. For the maintenance password.
- ___ 2. To logoff the console, if not already done.
- ___ 3. To deactivate all resources on the 3746 Model 900, if attached.
- ___ 4. If the identified adapter to be installed is in an **EVEN** position, notify the customer to de-activate all the lines connected on the **ODD** adapter fed by the same power supply (refer to table in Step 4.0, "Preparation" on page 4).

10.2.1 From the 3745 Control Panel

- ___ 1. Check that **Power Control** displays **3**.
- ___ 2. If it does not, record the value ___. Set the **Power Control** value to **3**. Press the **Validate** key.

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- If you are installing an adapter in a 3745-X1A or in a 3746-A11/A12 connected to a 3745-X1A, go to Step 10.2.3, "Log the Service Processor on" on page 10.
- Otherwise, continue.

10.2.2 From the 3745-X10 Console

1. When the **CA INTERFACE DISPLAY** Screen is displayed, press **F4**.
2. Enter the maintenance password, press **Send**.

- Go to Step 10.2.5, "Display the CDF."

10.2.3 Log the Service Processor on

1. On the **MOSS-E View** window, click on **Program**.
2. Click on **LOG ON MOSS-E**.
3. Enter the maintenance password, press **Enter**.

10.2.4 Open MOSS/MOSS-E Session

1. On the **MOSS-E View** window, double click on the icon of the identified 3745.
2. On the **3745 Menu** window, double click on **MOSS Console**.

Wait for the **MOSS Console** screen.

10.2.5 Display the CDF

Note: From this point, the **Send** key is used only for a local console. For a Service Processor, press the **Enter** key.

1. Enter **CDF**, press **Send/Enter**.
2. Enter **7** (LINE ADAPTERS (LA)), press **Send/Enter**.
Check for the presence of an **N** for the LA position to be installed according to the *HONE configurator sheet*.
Press **F1**.

- If you are installing an adapter in an **ODD** position (1 or 5), go to Step 10.3, "TSS Installation" on page 11.
- Otherwise, continue.

10.2.6 Adapter Disconnect from NCP

Note: If you install an adapter in an **EVEN** position, you must also disconnect from the NCP the adjacent **ODD** LA powered by the same PSTY4 (see table in Step 4.0, "Preparation" on page 4). Follow this procedure for the first adapter (1 or 5), and repeat these Steps for the second (2 and 6).

1. Enter **TSS** (TSS services), press **Send/Enter**.
2. Enter **1** (SELECT), press **Send/Enter**.
3. In the data entry, enter **1** (SELECT), press **Send/Enter**.
4. Enter the number of the adapter, press **Send/Enter**.
5. Move the cursor to the data entry area, enter **2** (CONNECT/DISC), press **Send/Enter**.
6. Enter **DS**, press **Send/Enter**.
7. Press **F1**.

10.2.7 Power OFF the PSTY4

Warning US ONLY

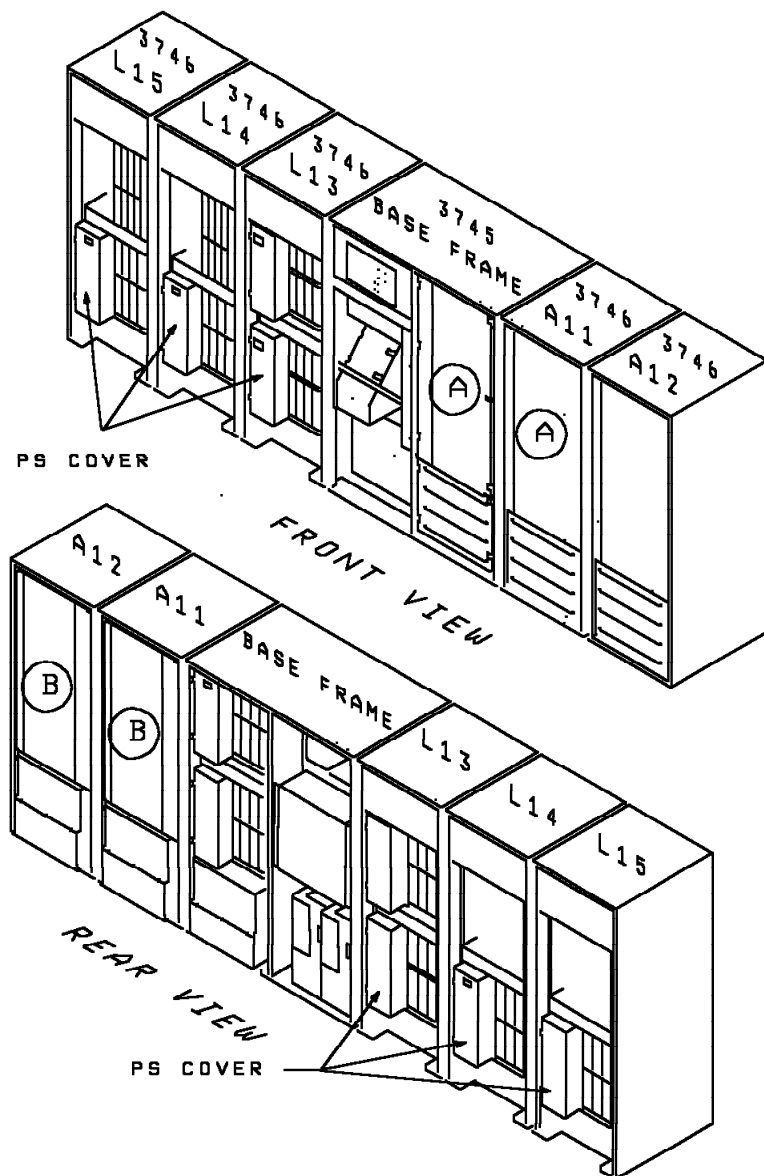
If there is a mix of PSTY4 vendors in the frame, and normal power removal procedures are used to power down more than one supply, a false NOREPLY indication may occur. To avoid this condition, remove power from one PSTY4, install the associated adapter(s) (Step 10.3, "TSS Installation" on page 11) and restore power to that PSTY4 (UXX from POS screen). This sequence can be repeated for the remaining PSTY4(s).

If you install an adapter in an EVEN position, you must power OFF the PSTY4 driving the adjacent ODD LA (see table in Step 4.0, "Preparation" on page 4).

- ___ 1. Enter **POS**, press **Send/Enter**.
- ___ 2. Enter **1** (frame power services), press **Send/Enter**.

On the displayed screen, check that the status of the identified PSTY4 is UP, then, enter DXX (XX being the PSTY4 ID). Verify that the power supply goes to the **DOWN** state.

10.3 TSS Installation



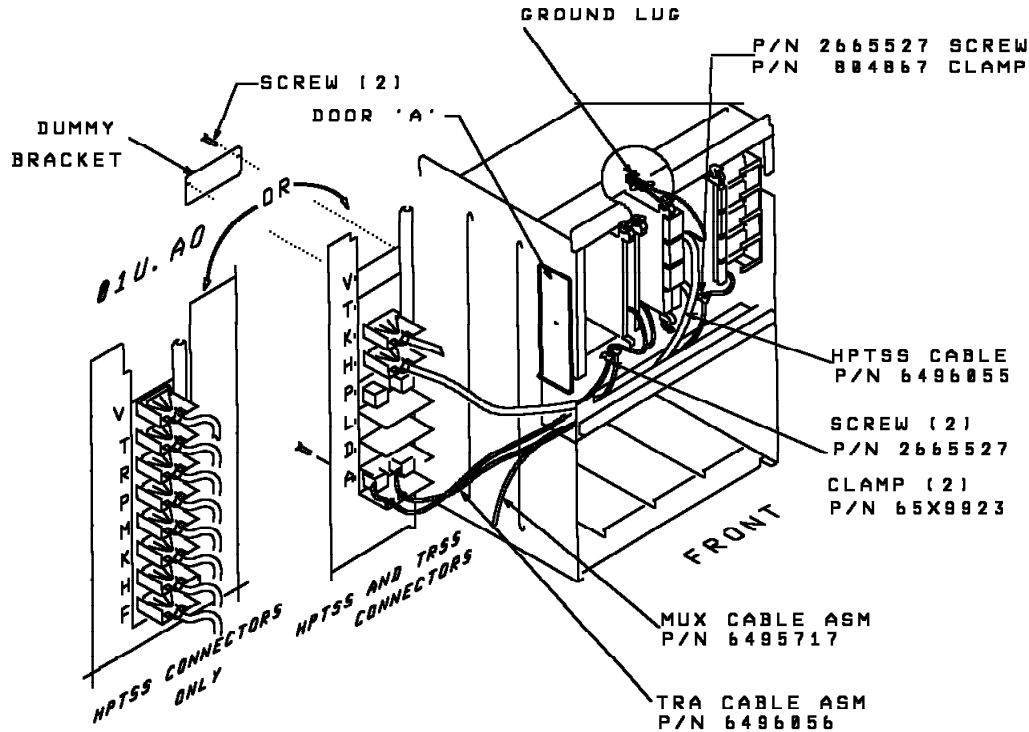
With the *HONE configurator sheet* and tables in Step 4.0, "Preparation" on page 4, identify the frame, and locate the adapter enclosure (01G, 02A, 02F, or 03F) where the adapter will be installed.

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10.3.1 Card Installation

Warning: Follow existing ESD procedures when handling logic parts.

- ___ 1. Open the corresponding system cover and the shields A over the adapter enclosure.
- ___ 2. Remove dummy cards or IOC bypass card (BPC1) from position where feature will be installed according to the *HONE configurator sheet* and tables in Step 4.0, "Preparation" on page 4.



- ___ 3. Slide the door marked 'A' up.
- ___ 4. Write the adapter position on label (PN 811825) and affix a label on both ends of MUX cable (PN 6495717 or PN 03F7712).

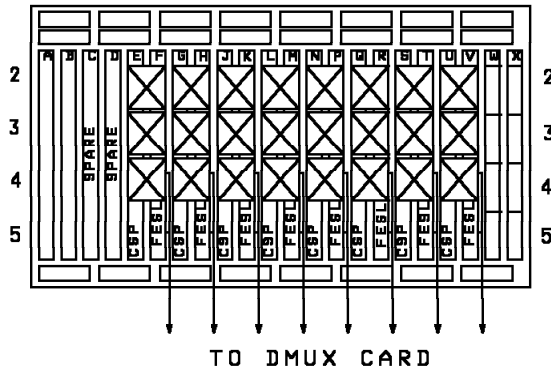
Note: MUX cable (PN 03F7712) is longer than PN 6495717, and must be used when connecting a Line Adapter in the 3746-A12 to a DMUX/SMUX card located in the front or rear bottom position of 3746-L15.

- ___ 5. Verify that holders (PN 1953244 (2)) are installed on TSS cards.
- ___ 6. Plug TSS cards in position determined in Step 4.0, "Preparation" on page 4.

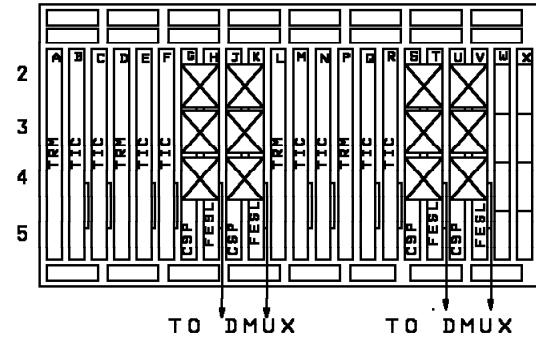
Note: Before locking the FESL card, plug the MUX cable in connector J2 of the card.

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TSSB BOARD WITH TSS ONLY



TSST WITH TRSS AND TSS



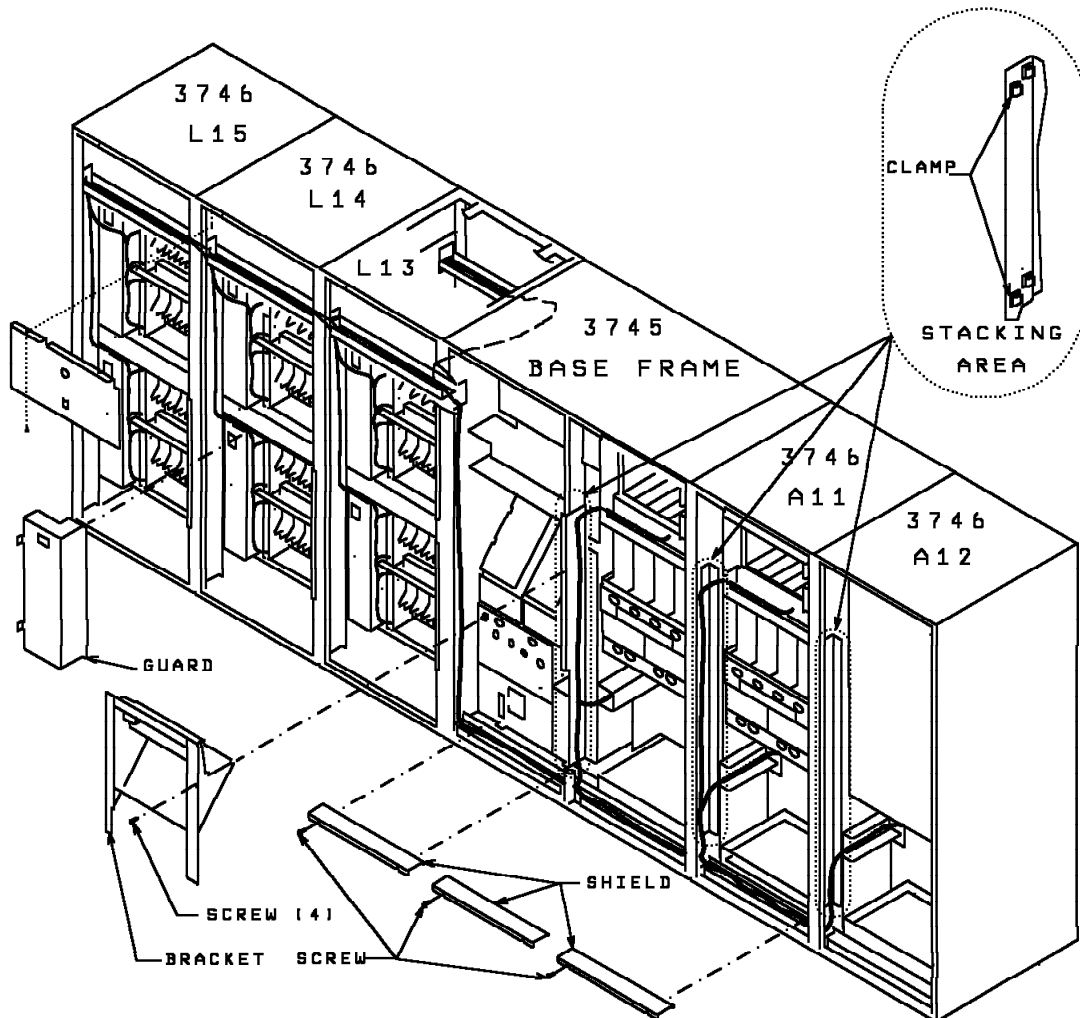
- ___ 7. Plug the three crossovers on top card connectors W,X,Y of TSS cards.

10.3.2 MUX Cable Installation

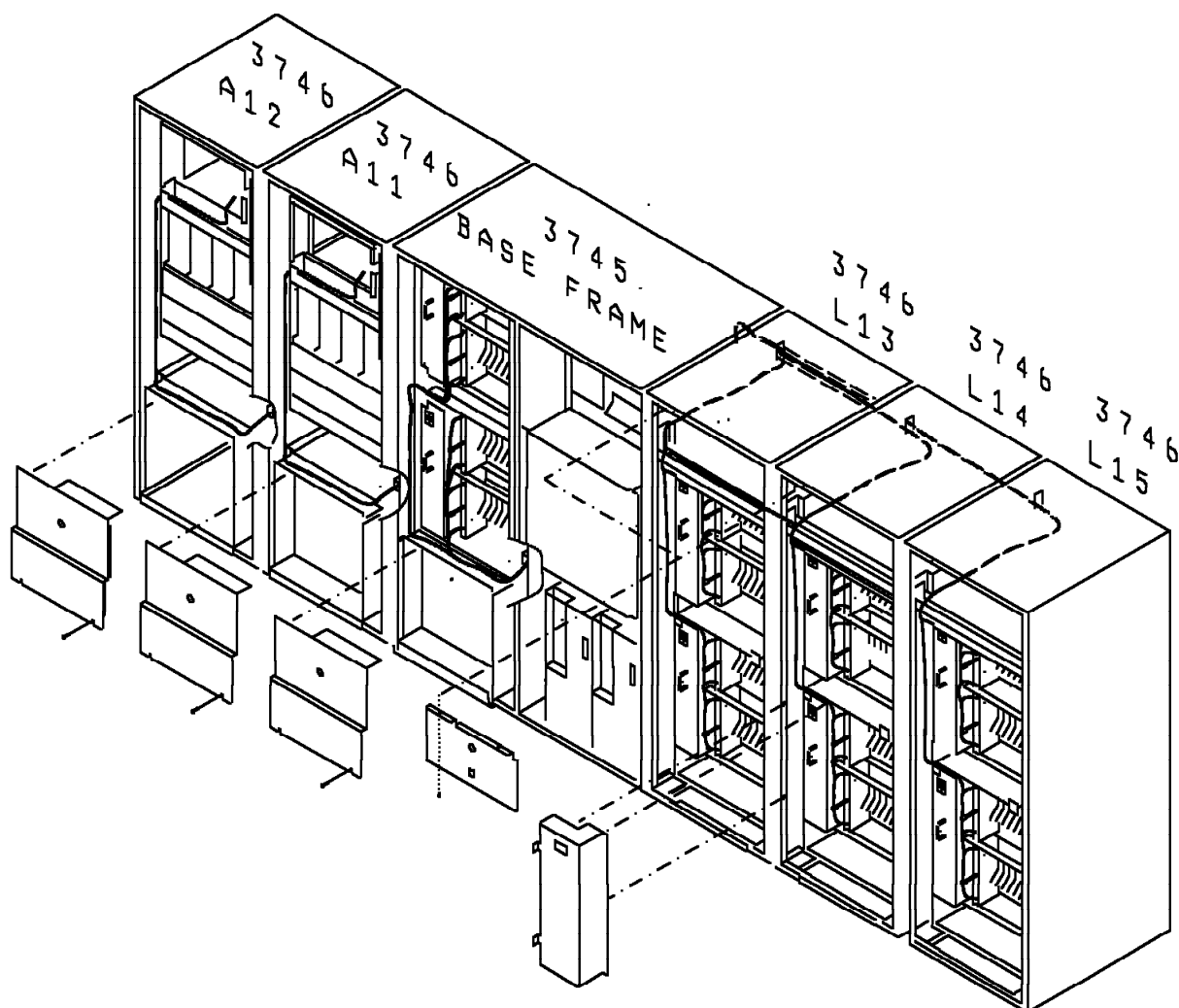
- 1. Secure MUX cable with clamp (PN 804867) and screw (PN 2665527) on the gate.
- 2. Using the *HONE configurator sheet*, locate the line unit and the DMUX/SMUX card associated to the TSS.

Notes:

- a. A DMUX card is plugged in position B0 of each LIB1 board. If only one MUX cable is connected on socket Z of DMUX card, the associated scanner will handle the full board (8 LICs). If a second MUX cable is connected on socket W, the two associated scanners will drive 4 LICs each.
- b. A SMUX card is plugged in position B0 of each LIB2 board. SMUXA is plugged in bottom board of LIC Unit and SMUXB in top board. The scanner connected in SMUXA can drive the 2 LIC boards. If a second scanner is connected in SMUXB, each scanner will drive a LIC board.



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Depending on the position of LIC unit, you may have to remove several shields or covers over raceways for a proper cable routing.

- ___ 3. Route the MUX cable from TSS enclosure to DMUX/SMUX card and plug the cable end in socket W of DMUX/SMUXB card or Z of DMUX/SMUXA card (see the *HONE configurator sheet*).
- ___ 4. Secure cable in clamps in stacking cable area.

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10.4 Power Supply Installation (if required)

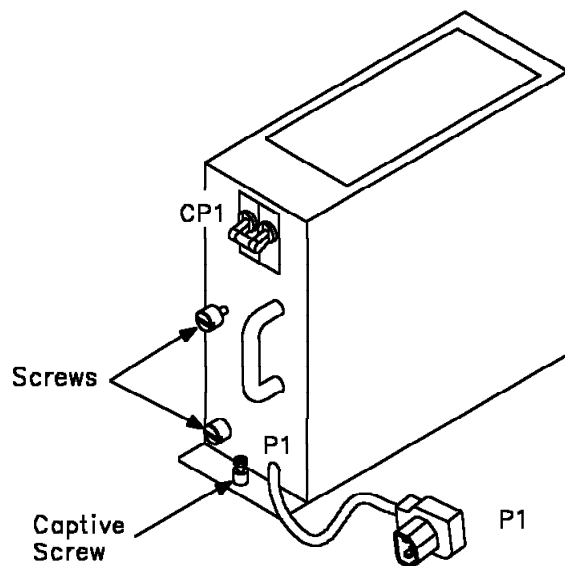
- If you have installed an adapter in an ODD position (1 or 5) in 3745, you must install a line adapter power block (PSTY4).
- If you do not install a PSTY4, go to Step 10.5, "Covers."

Note: A PSTY4 feeds 2 Line adapters.

Warning

1. Verify that all PSTY4 packing material is removed.
2. The two power screws are very easily cross threaded. If cross threading occurs, correct voltage levels may not be achieved. The following procedure is suggested to prevent cross threading. While applying a small amount of pressure, turn the screws counter clockwise, one full turn before beginning clockwise rotation and thread engagement.

10.4.1 PSTY4 Installation



1. Locate the position of the PSTY4 to be installed (see table in Step 4.0, "Preparation" on page 4).
2. Remove the dummy PSTY bracket on that position (one screw).

3. Slide the PSTY4 (PN 6495672) into the enclosure.
4. Tighten the two front screws then the captive screw on the bottom front of PSTY4.
5. Plug the power plug P1 into the appropriate plug position of the auxiliary power box (J1, J2, J3, or J4).
6. Be sure that the CP1 on PSTY4 is in the ON position.

10.5 Covers

1. Slide down door 'A' on the left side of the adapter enclosure. See the second figure in Step 10.3, "TSS Installation" on page 11.
2. Reinstall covers and shields opened in previous Steps.

- After an adapter installation with 3745 POWER ON, go to Step 11.2, "Test Procedure After an Adapter Installation Power ON" on page 19.
- Otherwise, continue.

10.6 Power ON

Switch CB1 ON, and close system covers. From the 3745 control panel:

1. set the **Function** indicator to 1.
Press the **Validate** key.
2. Press the **Power ON Reset** key.

The MOSS IML is completed when **F0E** is displayed on the 3745 control panel.

11.0 Test Procedures

Note: During the following procedures some Alarm messages may be displayed on the screen, these can be removed by clicking on **OK**.

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11.1 Test Procedures after Complete POWER OFF

- If you have installed an adapter in a Model X1A or in a 3746-A11/A12 connected to a 3745-X1A, go to Step 11.1.2, "Open MOSS/MOSS-E Session."
- Otherwise, continue.

11.1.1 From the 3745-X10 Console

1. When the **CA INTERFACE DISPLAY** screen is displayed, press **F4**.
2. Enter the maintenance password, press **Send**.

- If you have not installed a PSTY4, go to Step 11.1.4, "Update the CDF."
- Otherwise, go to Step 11.1.3, "Create the Power Configuration Table."

11.1.2 Open MOSS/MOSS-E Session

From the Service Processor:

1. Double click on the 3745 icon when it becomes PURPLE.
2. On the **3745 Menu** window, double click on **MOSS console**.

Wait for **Function Selection Rules** screen.

- If you have not installed a PSTY4, go to Step 11.1.4, "Update the CDF."
- Otherwise, continue.

11.1.3 Create the Power Configuration Table

1. Enter **POS**, press **Send/Enter**.
2. Enter **C** (RE-CREATE), press **Send/Enter**. Verify that the ID of the PSTY4 you have installed is displayed.

3. Enter a **Y** to confirm, press **Send/Enter**.
4. Select option **1** and display the power information for the base frame, press **Send/Enter**.
The power status is **DOWN** for the new power.
5. Enter **UXX** to set the power **UP**.
Verify that the PSTY4 goes to the **UP** state.
Press **F1**.

11.1.4 Update the CDF

1. Enter **CDF**, press **Send/Enter**.
2. Enter **4** (VERIFY), press **Send/Enter**.
The values from the **CDF DATA** and the **MACHINE DATA** should be identical, except for the adapter you have just installed.
3. To update the CDF with machine values, enter **2**, press **Send/Enter**.
 - When **CDF VERIFY COMPLETED** is displayed, press **F6**.
 - If adapters are not recognized, see the *MIP*, Chapter 1, and follow appropriate procedure.

11.1.5 Display the CDF

1. Enter **CDF**, press **Send/Enter**.
2. Enter **1** (DISPLAY/UPDATE), press **Send/Enter**.
3. Enter **7** (LINE ADAPTERS (LA)), press **Send/Enter**.
A **Y** should appear under the LA number you have just installed.
Check the **LA TYPE** value: 1 for TSS.
Press **F1**.

11.1.6 Run the Diagnostics

1. Enter **ODG**, press **Send/Enter**.
2. Enter **5** (TSS). Enter the **Adapter Number**, press **Send/Enter**.
 - If **NO ERROR FOUND** is displayed, press **F1**.
 - If an error is displayed, see the *MIP*, Chapter 2, and follow the appropriate procedure.

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11.1.7 Save Hard Disk Contents Onto the Backup set of Diskettes

- ___ 1. Select **DIF**, press **Send/Enter**.
- ___ 2. Select **2**. Enter the date and save-ID, press **Send/Enter**.
Follow the prompts on the console.
- ___ 3. When function is completed, press **F1**.

- If you have installed an adapter in a **Model X1A** or in a **3746-A11/A12** connected to a **3745-X1A**, go to Step 11.1.9, "Relocate the Bypass Cards."
- Otherwise, continue.

11.1.8 Logoff the 3745-X10 Console

Re-enable the channel adapters disabled in Step 10.1.2, "Log the 3745-X10 Console on" on page 8.

- Go to Step 11.1.11, "General IPL."

11.1.9 Relocate the Bypass Cards

Note: Follow this Step if a 3746-900 is attached. From the Service Processor:

- ___ 1. On the **3745 Function Selection** screen, enter **OFF**, press **Enter**.
- ___ 2. On the **3745 menu** window, click on **OPERATION MANAGEMENT**.
- ___ 3. Double click on **Locate Bypass Card Position**.
- ___ 4. Follow the instructions.

Note: Refer to the *3746 Model 900 Installation Guide* (SY33-2088), Chapter 4, cabling the IOC/DMA buses.

11.1.10 Logoff MOSS-E

- ___ 1. On the **3745 Menu** window, double click on **MOSS Console**,
- ___ 2. Enter **CID**, press **Enter**.
- ___ 3. Enable the channel adapter recorded in Step 11.1.2, "Open MOSS/MOSS-E Session" on page 17.
Wait until all channels are **E** in the **E/D REQUEST** column.
Press **F1**.
- ___ 4. Enter **OFF**, press **Enter**.
- ___ 5. On the **3745 Menu** window, click on **Function**. Then, click on **Exit**.
- ___ 6. On the **MOSS-E View** window, click on **Program**.
- ___ 7. Click on **LOG OFF MOSS-E**.

11.1.11 General IPL

From the 3745 Control Panel:

- ___ 1. Set the **Power Control** indicator to its original value recorded in Step 10.1.1, "From the 3745 Control Panel" on page 8.
- ___ 2. Set the **Function** indicator value to **0** (general IPL).
Press the **Validate** key.

The general IPL starts.

- If **FF4** is displayed on the control panel, ask the customer to load the control program.
- If the control program is loaded from the hard disk, **000** will be displayed when **IPL** is successful.

Note: The control program load can fail if a mismatch exists between the control program and the hardware configuration.

- Go to Step "After Installation (steps 12-15)" on page 20.

3745 FFBM	PN 66X1368 18 of 20	EC A73231 21NOV89	EC A73231A 13DEC89	EC A97885 16MAR90	EC A98318 05AUG91	EC D55651 07JUL93
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11.2 Test Procedure After an Adapter Installation Power ON

11.2.1 Create the Power Configuration Table

- If you have not installed a PSTY4, go to Step 11.2.3, "Update the CDF."
- Otherwise, continue.

1. Enter **POS**, press **Send/Enter**.
2. Enter **C** (RE-CREATE), press **Send/Enter**.
Verify that the ID of the PS you have installed is displayed.
3. Enter a **Y** to confirm, press **Send/Enter**.
4. Select option **1** and display the power information for the base frame.
Press **Send/Enter**.

11.2.2 Power ON the PSTY4

- ___ 1. The power status is **DOWN** for the PSTY4.
- ___ 2. Enter **UXX** to set the power supply **UP**.
Verify that the PSTY4 goes to the **UP** state.
- ___ 3. Press **F1**.

11.2.3 Update the CDF

- ___ 1. Enter **CDF**, press **Send/Enter**.
- ___ 2. Enter **7** (LINE ADAPTERS (LA)), press **Send/Enter**.
An **N** is displayed under the LA you have just installed.
- ___ 3. Enter the LA number, press **Send/Enter**.
Press **F5** (Update).
- ___ 4. Enter the LA type, press **Send/Enter**.
- ___ 5. When **CDF LA CHANGE COMPLETED** is displayed, press **F6**.
- ___ 6. A **Y** is now displayed under the LA number. Verify the LA type.
Press **F1**.

11.2.4 Concurrent Diagnostics

Note: Do not run concurrent adapter diagnostics if MCF m025A213 is applied. See RETAIN H093144 for details.

- ___ 1. Enter **CDG**, press **Send/Enter**.
 - ___ 2. Enter **5** (TSS), the **Adapter Number**, press **Send/Enter**.
- If **NO ERROR FOUND** is displayed, press **F1**.
 - If an error is reported, see the *MIP*, Chapter 2, and follow the appropriate procedure.

11.2.5 Set the MOSS Offline

Note: If the 3745 is a Model 410/41A/610/61A, the CCU must be selected with the **CSR** function before performing the **MOF** function. Perform **CSR/MOF** sequence for each CCU.

- ___ 1. Enter **MOF**, press **Send/Enter**.
- ___ 2. Press **F1**.

11.2.6 Save Hard Disk Contents onto the Backup set of Diskettes

- ___ 1. Enter **DIF**, press **Send/Enter**.
- ___ 2. Enter **2**. Enter the date and save-ID and press **Send/Enter**.
Follow the prompts on the console.
- ___ 3. When function is completed, press **F1**.

- If you have installed an adapter in a Model X1A or in a 3746-A11/A12 connected to a 3745-X1A, go to Step 11.2.8, "Log the Service Processor off" on page 20.
- Otherwise, continue.

3745 FFBM	PN 66X1368 19 of 20	EC A73231 21NOV89	EC A73231A 13DEC89	EC A97885 16MAR90	EC A98318 05AUG91	EC D55651 07JUL93
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11.2.7 Log the 3745-X10 Console off

Ask the customer to activate the resources on the new adapter if the NCP is configured.

- Go to Step “After Installation (steps 12-15).”

11.2.8 Log the Service Processor off

- ___ 1. Enter **MON**, press **Enter**.
- ___ 2. Enter **OFF**, press **Enter**.
- ___ 3. On the **MOSS-E View** window, click on **Program**.
- ___ 4. Click on **LOG OFF MOSS-E**.

After Installation (steps 12-15)

12.0 Field Updating

None.

13.0 Publications Update

None.

14.0 Parts Disposition

14.1 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.

15.0 Machine Records

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

End of instructions.

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Processing Options

Runtime values:

Document fileid	P66X1368 SCRIPT
Document type	PNCDOC
Document style	FBII
Profile	EDFPRF30
Service Level	21Jun90
SCRIPT/VS Release	3.2.1
Date	93.07.07
Time	12:54:50
Device	3820A
Number of Passes	2
Index	YES
SYSVAR G	INLINE
SYSVAR P	3820
SYSVAR R	XREF
SYSVAR U	FNT382SS
SYSVAR W	XREF

Formatting values used:

Annotation	NO
Cross reference listing	YES
Cross reference head prefix only	NO
Dialog	LABEL
Duplex	SB
DVCF conditions file	(none)
DVCF value 1	(none)
DVCF value 2	(none)
DVCF value 3	(none)
DVCF value 4	(none)
DVCF value 5	(none)
DVCF value 6	(none)
DVCF value 7	(none)
DVCF value 8	(none)
DVCF value 9	(none)
Explode	NO
Figure list on new page	YES
Figure/table number separation	YES
Folio-by-chapter	NO
Head 0 body text	(none)
Head 1 body text	(none)
Hyphenation	YES
Justification	NO
Language	ENGL
Layout	2
Leader dots	YES
Master index	(none)
Partial TOC (maximum level)	4
Partial TOC (new page after)	INLINE
Print example id's	NO
Print cross reference page numbers	YES
Process value	3820
Punctuation move characters	''
Read cross-reference file	XREF
Running heading/footing rule	NONE
Show index entries	NO
Table of Contents (maximum level)	3
Table list on new page	YES
Title page (draft) alignment	CENTER
Write cross-reference file	XREF

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