

## Field Feature Bill of Material (FFBM)

**PN 57G7488**

### **REMOVAL of a High Speed Scanner (HPTSS FC 4740) from IBM 3745 Models X10/X1A**

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## Before Removal (steps 1-8)

### 1.0 Machines Affected

3745 Models 210/21A/310/31A/410/41A/610/61A.

### 2.0 Related BMs and ECs

None.

### 3.0 BMs to be Used

- 57G7488 - Installation instructions
- 66X1100 - High Speed Scanner removal (HPTSS)

### 3.1 As Required FFBMs

- 66X0097 - DMSW and DTER card removal (if you remove the last HPTSS adapter from a 3745 210/310/410/610)
- 66X1102 - DMSW card removal (if you remove the last HPTSS adapter from a 3745 Models 410/610)

### 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 B/M to be used to determine whether all parts were received.
3. A 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.

4. The TSSB and TSST boards are shared between 2 IOC buses.
  - IOC bus group 1 drives adapters positions 1 through 4.
  - IOC bus group 2 drives adapters positions 5 through 8 in each board.
5. Using the *HONE configurator sheet* and the following tables identify the frame and the scanner enclosure where the adapter will be removed, then identify the position of adapter cards and power (if required) to be removed.
6. The HPTSS removal can be performed either online (concurrent mode, NCP running, 3745 power ON), or offline (complete machine power DOWN, MOSS ALONE).

#### Important note

1. The online removal of an HPTSS from 3745-X1A is disruptive for 3746-900 operations.
2. Ask the customer to deactivate all resources of the 3746-900 before removing the adapter.

Select the procedure according to the machine availability.

7. If, after this feature removal from 3745-X10, there is no HPTSS or ELA feature remaining in your 3745, the complete 3745 must be powered off. This is because the removal of DMSW and DTER cards. In 3745-X1A DMSW and DTER cards are always present.
8. **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...).

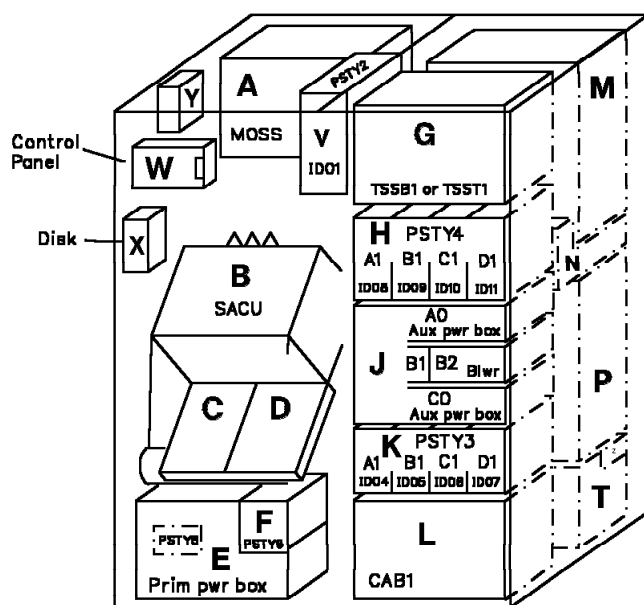
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- Table 1: HPTSS adapter removal in TSST board (01G-A1 board only).

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 H	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	
01U-A0 HPTSS	" N/A "	" N/A "	" H "	" K "	" N/A "	" N/A "	" T "	" V "

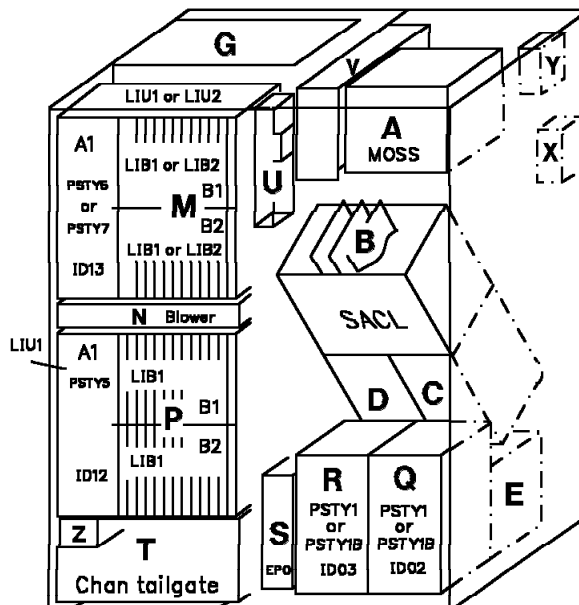
- Table 2: HPTSS adapter removal in TSSB board (01G-A1 only)

Adapt. Position	1	2	3	4	5	6	7	8
CARDS CSP	E2	G2	J2	L2	N2	Q2	S2	U2
IN 01G-A1 H	F2	H2	K2	M2	P2	R2	T2	V2
Power Supply (PSTY4)	08 01H-A1		09 01H-B1		10 01H-C1		11 01H-D1	
01U-A0 HPTSS	" F "	" H "	" K "	" M "	" P "	" R "	" T "	" V "



Front View

3745



Rear View

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## 5.0 Program Update

### 5.1 Diagnostic Programs

To reflect this change, 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.

## 6.0 Purpose and Description

### 6.1 Purpose

Remove a High Speed Scanner (HPTSS).

### 6.2 Description

Remove adapter cards and associated power supply (if required).

## 7.0 Removal Time

FFBM	Machine hours	System Hours
66X1100 (HPTSS) with 66X0055 (BPC1)	1.0	00.0
66X0038 (power)	0.4	00.0
<b>Test Time</b>	0.6	00.0
<b>Total Time</b>	2.0	00.0

To this total time, add  
 0.5 for 66X0097 (DMSW +DTER)  
     or 66X0097 + 66X1102 (DMSW).  
 0.3 for ABP card relocation (if 3746-900 attached).

## 8.0 Tools/Materials Required

ESD kit (PN 6428316).

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## Removal (steps 9-11)

## 9.0 Safety

- The adapter removal can be performed either online or offline.
- If you remove the last HPTSS adapter (w/o ELA feature), the complete 3745 (Model X10) must be POWERED OFF.
- 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 Removal

- If you are removing an adapter with the machine POWER ON, go to Step 10.2, "Adapter Removal Online (3745 Power ON)" on page 7.
- If you have complete machine availability for POWER OFF, continue.

### 10.1 Adapter Removal Offline (3745 Power OFF)

Before the removal, ask the customer:

- • To set all the lines and channel addresses offline for this controller.
- • To deactivate all resources of the 3745 and the 3746-900 (if installed).
- • 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 removing an adapter from a **Model 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."**

### 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**.

### 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.

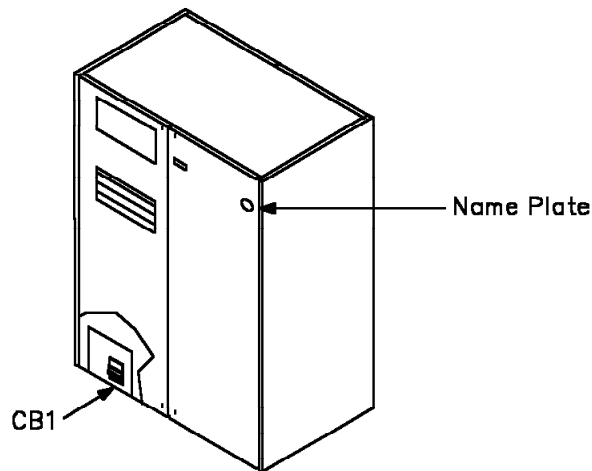
### 10.1.5 Display the CDF

**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 a **Y** for the LA position to be removed according to the *HONE configurator sheet*.  
Press **F1**.

## 10.1.6 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, "HPTSS Removal" on page 9.

## 10.2 Adapter Removal Online (3745 Power ON)

Before the removal, 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 removed 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 3).

## 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.

- If you are removing an adapter from a Model X1A, go to Step 10.2.3, "Log the Service Processor on."
- 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" on page 8.

## 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 a **Y** for the LA position to be removed according to the *HONE configurator sheet*.

- \_\_\_ 3. Press **F1**.

- If you are removing an adapter from an **ODD position (1 or 5)**, go to Step 10.3, "HPTSS Removal" on page 9.
- Otherwise, continue.

## 10.2.6 Adapter Disconnect from NCP

**Note:** If you remove an adapter from 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 3).

Follow this procedure for the first adapter (1 or 5), and repeat these Steps for the second (2 and 6).

- \_\_\_ 1. Enter **TRS** (TRSS 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, remove the associated adapter(s) (Step 10.3, "HPTSS Removal" on page 9) and restore power to that PSTY4 (UXX from POS screen). This sequence can be repeated for the remaining PSTY4(s).

**Note:** If you remove an adapter from an **EVEN** position, you must power OFF the PSTY4 driving the adjacent **ODD** LA (see table in Step 4.0, "Preparation" on page 3).

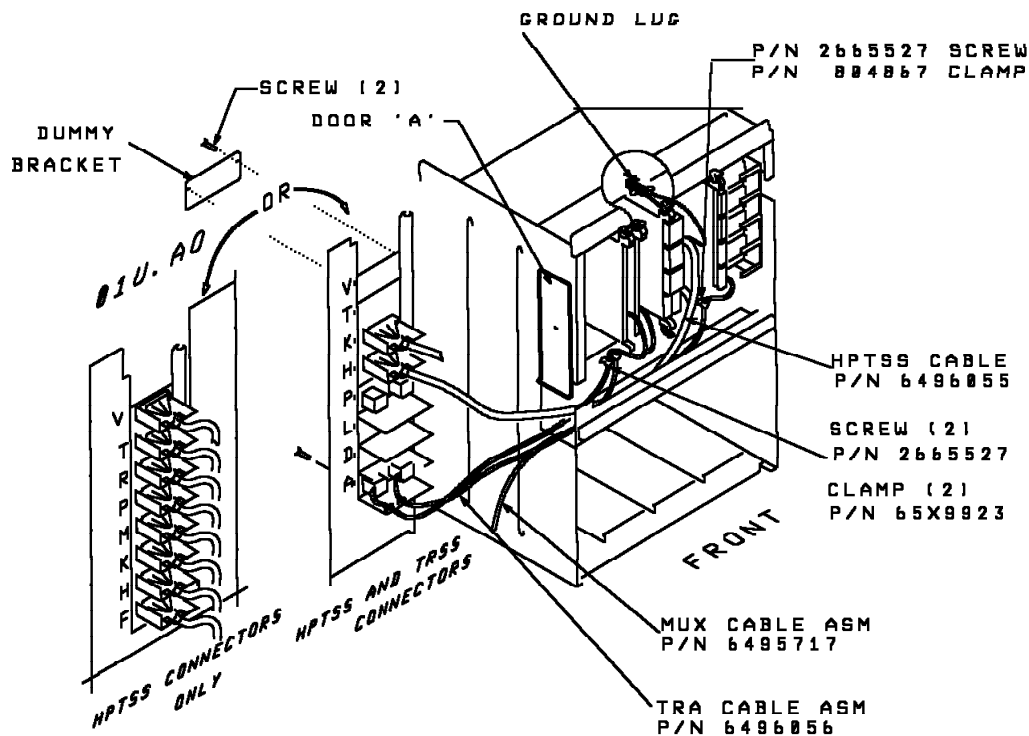
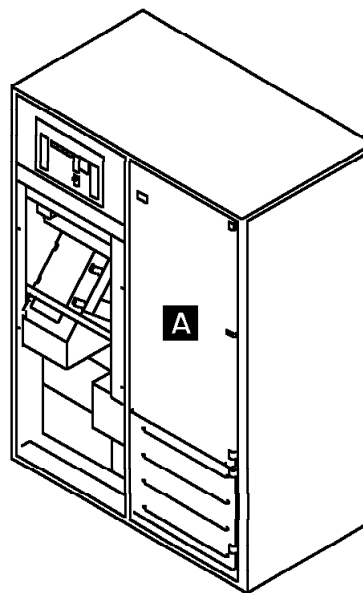
- \_\_\_ 1. Enter **POS**, press **Send/Enter**.
- \_\_\_ 2. Enter **1** (Display 3745), press **Send/Enter**.  
On the displayed screen, check that the status of the identified PSTY4 is **UP**. Then, enter **DXX** (XX being the PSTY4 ID).  
press **Send/Enter**.
- \_\_\_ 3. Enter **Y** (to confirm), press **Send/Enter**.  
Verify that the power supply goes to the **DOWN** state.



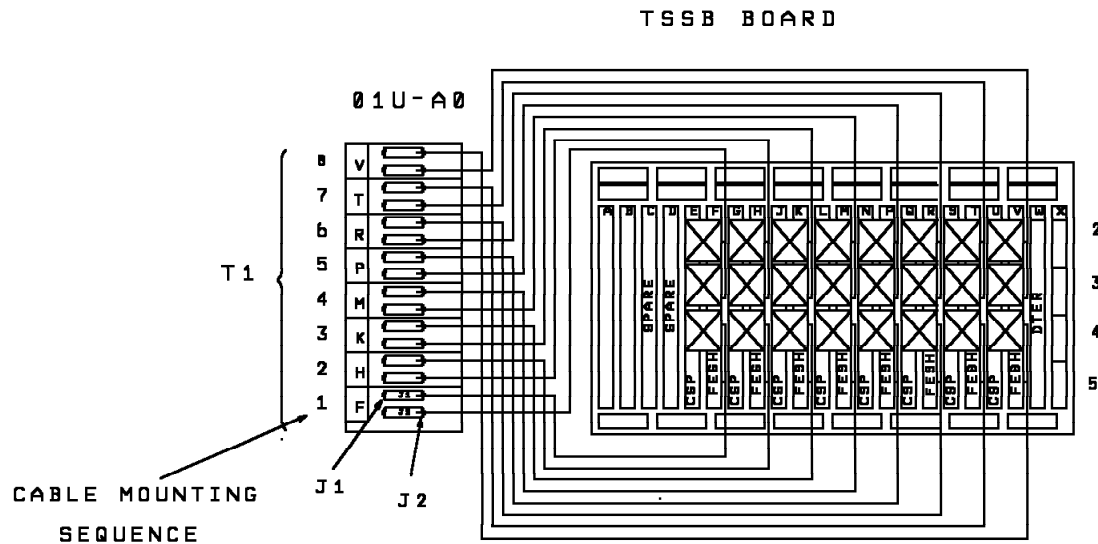
## 10.3 HPTSS Removal

**Warning:** Follow the existing ESD procedures when handling logic parts.

1. Open the front and rear covers of the 3745 base frame.
2. From the front of the machine, open the shield **A**, if present.
3. Locate the TSSB or TSST board in the position 01G; then identify the adapter cards you have to remove per Step 4.0, "Preparation" on page 3.
4. See the following figure. On the left side of the enclosure, slide the door indicated 'A' up.



## 10.3.1 External Cable(s)



- \_\_\_ 1. Locate the 01U-A0 tailgate.
- \_\_\_ 2. Unplug the external cable from the connector identified in Step 4.0, "Preparation" on page 3.

## 10.3.2 Card Removal

- \_\_\_ 1. Unplug the 3 crossovers from adapter cards identified in Step 4.0, "Preparation" on page 3.
- \_\_\_ 2. Remove the cards from the board; then unplug the cable ASM from the FESH card.
- \_\_\_ 3. Insert the removed cards into the bags provided by this FFB/M.

## 10.3.3 Internal Cable Removal

- \_\_\_ 1. Disconnect the two ground wires from the ground lug on the top of the enclosure.
- \_\_\_ 2. Remove the HPTSS cable ASM from the tailgate (two screws).
- \_\_\_ 3. In the same location, install a dummy bracket (PN 58X9369) with screws previously removed.
- \_\_\_ 4. Remove the cable assembly from the machine.

## 10.3.4 BPC1 and Dummy Card Installation (if Required)

When you remove a HPTSS, the machine should be reconfigured. No hole is authorized but, following the customer configuration, a BPC1 may be shipped.

**Note:** The BPC1 card ensure the continuity between adapters on the same IOC bus (FFBM 66X0055).

- \_\_\_ 1. Mount the extender (PN 1953093) on the BPC1 card.
- \_\_\_ 2. Plug the card in place of the removed CSP card, position 4.0.
- \_\_\_ 3. Secure it with the intermix bracket (PN 1953110).
- \_\_\_ 4. Insert one dummy card (PN 2733278) in FESH card position.

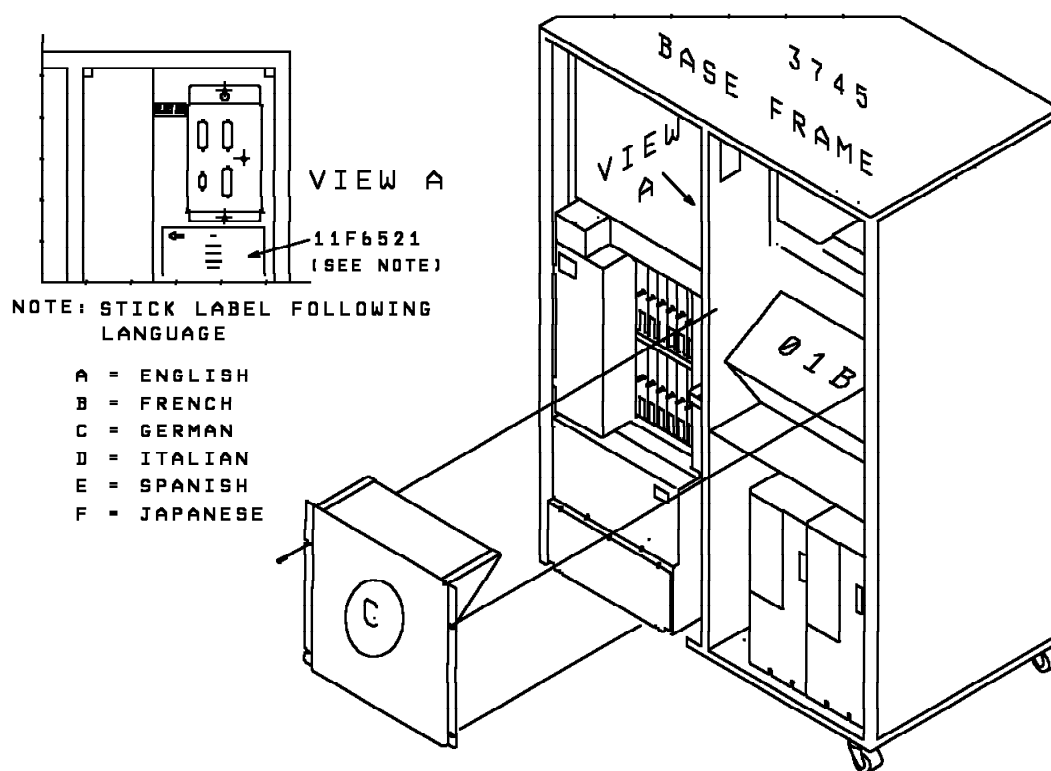
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## 10.4 Last HPTSS in 3745 Models 210/310/410/610

**Warning:** For this Step, the complete 3745 must be power OFF.

- If you are removing the last HPTSS adapter from a 3745-X10 (board 01G-A1), you must remove a DMSW card and an IOC terminator card (DTER) (a second DMSW card will be removed if a second CCU is installed).
- If you are removing the last HPTSS from a 3745-X10, continue.
- Otherwise, go to Step 10.5, "Power Removal" on page 12.

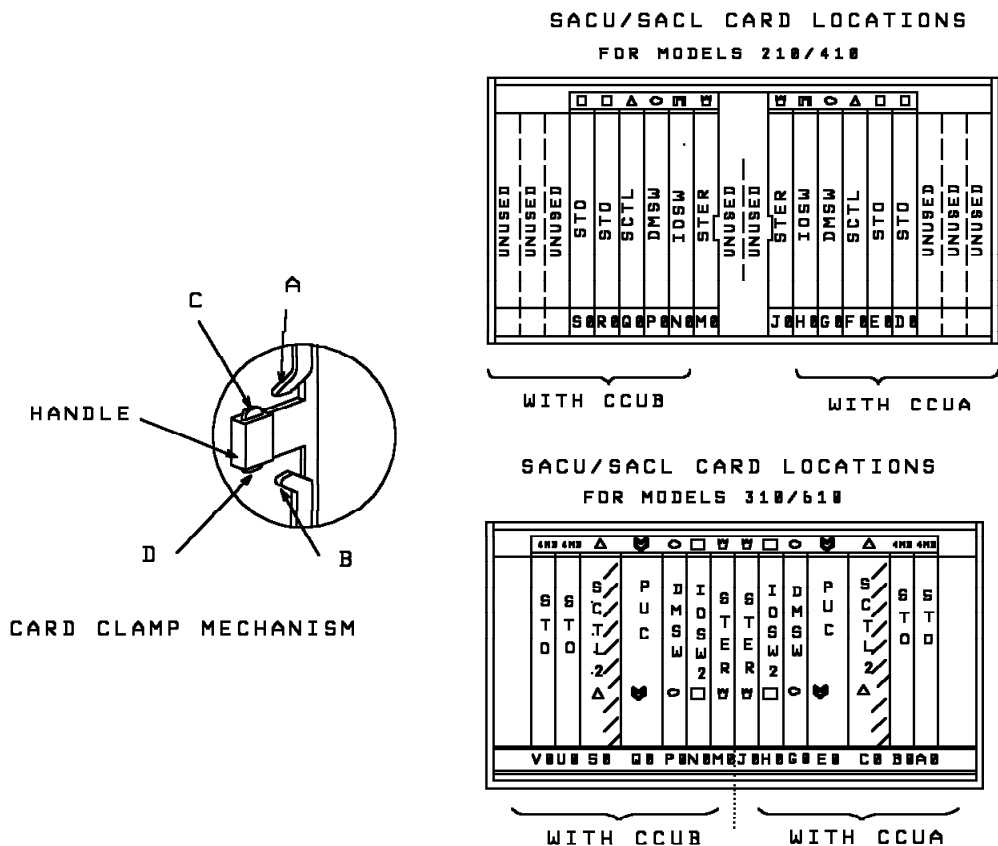
\_\_\_ 1. Remove the DTER card from the position 01G-A1W2, and install a dummy card (PN 2733278).



- \_\_\_ 2. From the rear of the machine:
- Remove the shield C (four screws).
  - Locate the 01B area and remove the DMSW card(s) from position G0, and from P0 if a second CCU is installed, as follows :
    - Using both hands, move levers A and B simultaneously by pushing them outwards.
    - Press in catches C and D gently, and draw the card(s) assembly(s) out of the board.

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- c. Insert dummy card(s) (PN 89X3307) in G0 and P0 (For the second CCU), then carefully move levers A and B inwards.
- d. Reinstall the shield over the board ASM.

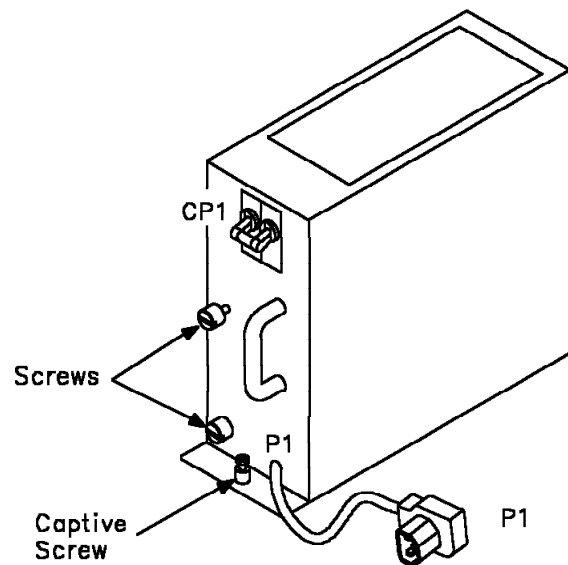


# 10.5 Power Removal

- If the complete 3745 is powered OFF, continue.
- Otherwise, go to Step 10.6, "Covers" on page 13.
- If you remove a line adapter from an odd position (1, 3, 5, or 7), and the next adjacent adapter position is empty, you must remove the associated power block (PSTY4).
- Otherwise, go to Step 10.6, "Covers" on page 13.

### 10.5.1 PSTY4 Removal (ODD Adapter, 3745 Power OFF)

- \_\_\_ 1. Under the enclosure where you have removed the adapter, identify (with table in Step 4.0, "Preparation" on page 3) the PSTY4 to be removed.
- \_\_\_ 2. On the PSTY4, set the CP1 OFF.
- \_\_\_ 3. Unplug the PSTY4 cable P1 from the connector (J1, J2, J3, or J4 of the auxiliary power box) just under the PSTY4.
- \_\_\_ 4. Unfasten the two front screws, then the captive screw at the bottom front of the power.



- \_\_\_ 5. Slide the PSTY4 out of the enclosure.
- \_\_\_ 6. Install a dummy bracket (PN 58X9377) with a screw (PN 2665527) in the same location.

### 10.6 Covers

- \_\_\_ 1. Slide down the door marked 'A' on the left side of adapter enclosure (see the second figure in Step 10.3, "HPTSS Removal" on page 9).
- \_\_\_ 2. Reinstall covers and shields removed in previous Steps.

- If you have removed the adapter with complete 3745 POWER ON, go to Step 11.2, "Test Procedure After an adapter Removal (3745 Power ON)" on page 15.
- Otherwise, continue.

### 10.7 Power ON

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

- \_\_\_ 1. Set the **Function** indicator to 1.  
**Validate** key.
- \_\_\_ 2. Press the **Power ON Reset** key.

The MOSS IML is completed when **F0E** is displayed.

### 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**.

### 11.1 Test Procedure After Complete POWER OFF

- If you have removed an adapter from a Model X1A, go to Step 11.1.2, "Open MOSS/MOSS-E Session" on page 14.
- 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 removed a PSTY4, go to Step 11.1.4, "Update the CDF" on page 14.
- Otherwise, go to Step 11.1.3, "Create the Power Configuration Table" on page 14.

### 11.1.2 Open MOSS/MOSS-E Session

From the Service Processor:

- \_\_\_ 1. Wait until the 3745 icon becomes PURPLE.
- \_\_\_ 2. On the **3745 Menu** window, double click on **MOSS console**.

- If you have not removed 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**.
- \_\_\_ 3. When **Created power configuration table** is displayed, check that the ID of the PSTY4 you have removed is blanked (-).
- \_\_\_ 4. Enter a **Y** to confirm, press **Send/Enter**. 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 removed.
- \_\_\_ 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**.

An **N** should appear under the LA number you have just removed.  
Press **F1**.

### 11.1.6 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 the function is completed, press **F1**.

- If you have removed an adapter from a Model X1A, go to Step 11.1.8, "Relocate the Bypass Cards."
- Otherwise, continue.

### 11.1.7 Log the 3745-X10 Console off

Re-enable the channel adapters disabled in Step 10.1.2, "Log the 3745-X10 Console on" on page 6.

- Go to Step 11.1.10, "General IPL" on page 15.

### 11.1.8 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.

### 11.1.9 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 10.1.2, "Log the 3745-X10 Console on" on page 6.  
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**.

#### 11.1.10 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 6.
- \_\_\_ 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 Removal (steps 12-15)" on page 17.

## 11.2 Test Procedure After an adapter Removal (3745 Power ON)

### 11.2.1 Set the Power Supply UP

**Note:** The PSTY4 must be powered on to allow the CDF update. On the local console: POS function screen.

- \_\_\_ 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**.

### 11.2.2 Update the CDF

- \_\_\_ 1. Enter **CDF**, press **Send/Enter**.
- \_\_\_ 2. Enter **7** (LINE ADAPTERS (LA)), press **Send/Enter**.  
A **Y** is still displayed under the LA you have just removed.
- \_\_\_ 3. Enter the LA number, press **Send/Enter**.
- \_\_\_ 4. Press **F5** (UPDATE).
- \_\_\_ 5. Enter **2** (DELETE LA), press **Send/Enter**.
- \_\_\_ 6. When **CDF LA CHANGE COMPLETED** is displayed, press **F6**.
- \_\_\_ 7. An **N** is now displayed under the LA number.  
Press **F1**.

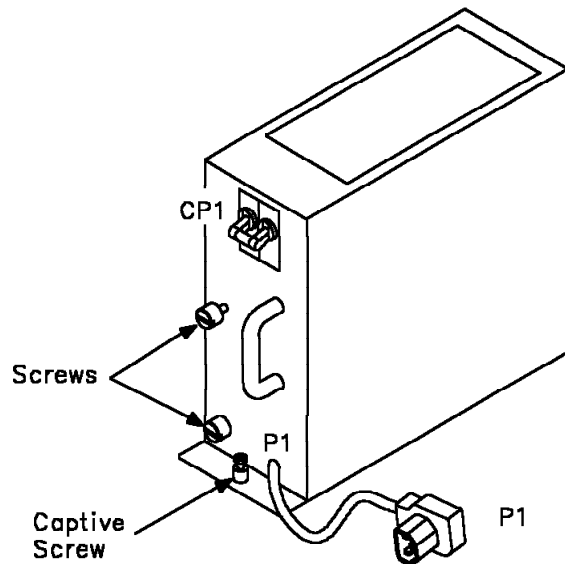
- If you have removed an adapter from an **EVEN** position, go to Step 11.2.6, "Concurrent Diagnostics" on page 16.
- If you have removed an adapter from an **ODD** position (1 or 5), and if the next adjacent adapter position is empty, you must remove a PSTY4. Then, continue.

### 11.2.3 Power OFF the PSTY4

- \_\_\_ 1. Enter **POS**, press **Send/Enter**.
- \_\_\_ 2. Select the frame where the PSTY4 is installed.  
The power status is **UP** for the identified PSTY4.
- \_\_\_ 3. Enter **DXX** (XX being the PSTY4 ID), to set the power **DOWN**.  
Verify that the PSTY4 goes to the **DOWN** state.  
Press **F6**.

### 11.2.4 PSTY4 Removal

- \_\_\_ 1. Under the enclosure where you have removed the adapter, identify (with table in Step 4.0, "Preparation" on page 3) the PSTY4 to be removed.
- \_\_\_ 2. On the PSTY4, set the **CP1** OFF.
- \_\_\_ 3. Unplug the PSTY4 cable P1 from the connector (J1, J2, J3, or J4 of the auxiliary power box) just under the PSTY4.
- \_\_\_ 4. Unfasten the two front screws, then the captive screw at the bottom front of the power.



- \_\_\_ 5. Slide the PSTY4 out of the enclosure.
- \_\_\_ 6. Install a dummy bracket (PN 58X9377) with a screw (PN 2665527) in the same location.

### 11.2.5 Create the Power Configuration Table

- \_\_\_ 1. Enter **C** (CREATE), press **Send/Enter**.  
Verify that the ID of the PSTY4 you have removed is blanked (-).
- \_\_\_ 2. Enter a **Y** to confirm, press **Send/Enter**.  
Press **F1**.

### 11.2.6 Concurrent Diagnostics

None.

### 11.2.7 Adapter Reconnect to the NCP

- \_\_\_ 1. Enter **IMS**, press **Send/Enter**.
- \_\_\_ 2. Enter **SXX** (XX being the LA number), press **Send/Enter**.  
When the function is completed, the scanner is reconnected to the NCP.
- \_\_\_ 3. Press **F1**.

Notify the customer to re-activate all the rings attached to the HPTSS.

### 11.2.8 Set the MOSS Offline

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

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

### 11.2.9 Save Hard Disk Contents Onto the Backup Set of Diskettes

- \_\_\_ 1. Enter **DIF**, press **Send/Enter**.
- \_\_\_ 2. Enter **2**, press **Send/Enter**.  
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 removed an adapter from a Model X1A, go to Step 11.2.11, “Logoff the Service Processor” on page 17.
- Otherwise, continue.

### 11.2.10 Logoff the 3745-X10 Console

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

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

### 11.2.11 Logoff the Service Processor

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

## After Removal (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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SP3	P57G7488 SCRIPT	6	10.1.2, Log the 3745-X10 Console on 14, 15
SP1	P57G7488 SCRIPT	6	10.1.3, Log the Service Processor on 6
CDF1	P57G7488 SCRIPT	6	10.1.5, Display the CDF 6
PO	P57G7488 SCRIPT	7	10.1.6, Power OFF
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## Processing Options

### Runtime values:

Document fileid .....	P57G7488 SCRIPT
Document type .....	PNCDOC
Document style .....	FBII
Profile .....	EDFPRF30
Service Level .....	21Jun90
SCRIPT/VS Release .....	3.2.1
Date .....	93.06.18
Time .....	13:20:30
Device .....	3820A
Number of Passes .....	4
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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Page 6	LOGONSP
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