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Field Feature Bill of Material (FFBM)

PN 58G5255

Remove ESCON Processor (FC 5500) and/or ESCON Coupler (FC 5501) from IBM 3746 Model 900

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Before Removal (Steps 1-8)

1.0 Machines Affected

3746 Models 900.

2.0 Related BMs and ECs

None.

3.0 BMs to be Used

- 58G5255 - Installation Instructions
- FFBM 09G2973, removal of an ESCP processor (FC 5500)
- FFBM 76F9457, removal of an ESCC coupler.

4.0 Preparation

1. See the *HONE configuration/plugging sheet* and the following figures to determine the cassette positions.

Basic Enclosure Rear View

DUMMY	TIC3/LIC	TIC3/ESCC/LIC	TIC3/LIC	TIC3/ESCC/LIC	TIC3/LIC	TIC3/ESCC/LIC	TIC3/LIC	CBC/TIC3/ESCC/LIC	TIC3	CBC	DUMMY	SPD1

DUMMY	TRP/ESCP/CLP	TRP/ESCP/CLP	TRP/ESCP/CLP	TRP/ESCP/CLP	CBSP	SPS	CSCE

Front View

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Expansion Enclosure Rear View

DUMMY | TIC3/LIC | TIC3/ESCC/LIC | TIC3/LIC | TIC3/ESCC/LIC | TIC3/LIC | TIC3/ESCC/LIC | TIC3/LIC | TIC3/ESCC/LIC | TIC3/LIC | TIC3/ESCC/LIC | TIC3/LIC | TIC3/ESCC/LIC | SPD2

DUMMY | TRP/ESCP/CLP | TRP/ESCP/CLP | TRP/ESCP/CLP | TRP/ESCP/CLP | TRP/ESCP/CLP | TRP/ESCP/CLP | CSCE

Front View

2. Familiarize yourself with the purpose and details of these removal instructions before negotiating machine time with the customer.

3. Check all items listed on the BM(s) to determine that all parts have been received.

5.0 Programming

5.1 Diagnostic Programs

None.

6.0 Purpose and Description

6.1 Purpose

Removal of a feature.

6.2 Description

Removal of a cassette and reconfiguration of the machine.

7.0 Installation Time

FFBM	Machine Hours	System Hours
58G5255	0.5	0.0

8.0 Tools/Materials Required

ESD kit (PN 6428316).

Removal (Steps 9-11)

9.0 Safety

Review the **Safety Notices** and the **Safety Inspection Procedures** located at the beginning of the *3745 Maintenance Information Procedure (MIP)* manual, SY33-2054.

10.0 Details of the Removal

Before the removal, ask the customer:

__ • To deactivate resources for the identified coupler/processor.

__ • For the maintenance password.

__ • To logoff the Service Processor (SP), if not already done.

10.1 3746-900 Power Mode

__ • If the 3746-900 is in Power Mode **1** (remote), set the **Power Control** indicator of the 3746-900 control panel to **3** (local). Press the **Validate** key.

10.2 Log the SP ON

__ 1. On **MOSS-E View** window, click on **Program**.

__ 2. Click on **LOG ON MOSS-E**.

__ 3. Enter the maintenance password, press **Enter**.

• **If you are removing an ESCON processor cassette, go to section 10.4, "Coupler/Processor Cassette Removal" on page 6.**

• **Otherwise, continue.**

10.3 ESCC Disabling

For concurrent maintenance, the ESCC must be disabled performing the following steps.

__ 1. On the **MOSS-E View** window, double click on the 3746-900 icon you want to work.

__ 2. On the **3746-900 Menu**, click on **Config-uration Management**.

__ 3. Double click on **Manage ESCON Processors**.

__ 4. On the **ESCP Management Resource Selector** window select the desired ESCP, then click on **OK**. The **ESCON Configuration Lines** window is displayed.

__ 5. Click on **Options**, then, click on **Manage ESCC Status**.

__ 6. On the **ESCC Status Management** window, verify the ESCC to be disabled is present. Then, click on **Disable**.

__ 7. Click on **Options**.

__ 8. Click on **Send Request and Save**.

__ 9. On **Confirmation** window, click on **OK**.

__ 10. A **Warning** window informs you that the ESCP configuration is saved, click on **OK**.

__ 11. Click on **Refresh**.

__ 12. Click on **Permanent Refresh**.

__ 13. When **Disable** is done the **ESCC status** line displays: **DISABLED**.

__ 14. Click on **Refresh**.

__ 15. Click on **Stop Permanent Refresh**.

__ 16. Click on **Options**.

__ 17. Click on **Return**.

__ 18. On the **ESCON Configuration lines** window, click on **Options** then on **Exit**.

__ 19. On **Confirmation** window if removing a second coupler return to section 10.3 step 3 and repeat steps 3 to 19, or if all disabling actions are complete click on **OK**.

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___ 20. On **ESCP Management Resource Selector** window, click on **Cancel**.
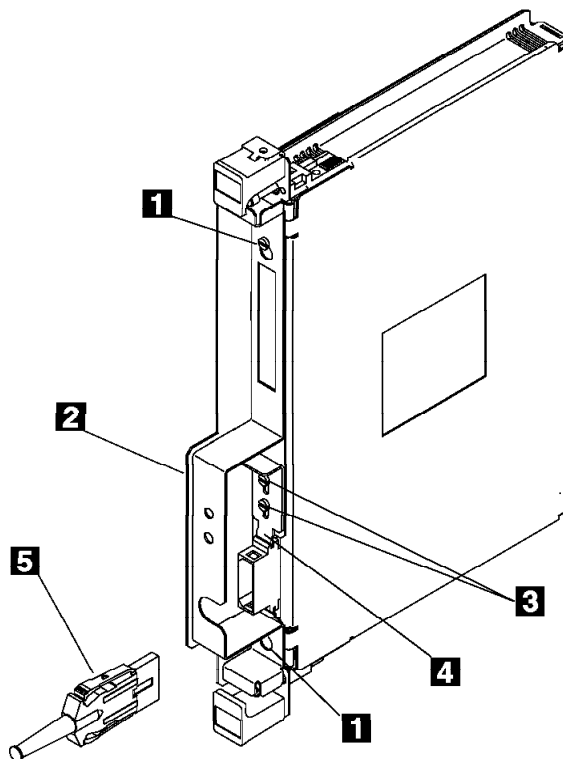
The **3746-900 Menu** is displayed.

• **Go to next section and start on step 2.**

10.4 Coupler/Processor Cassette Removal

___ 1. Double click on the 3746-900 icon.

___ 2. On **3746-900 Menu** window, click on **Configuration Management**.

___ 3. Double click on **Remove Resources in Concurrent Mode**.

___ 4. On **Remove Resource Option - Resource Selector** window, if removing coupler/s and processor select the coupler/s resource first and perform steps 4 through 14 in this section.

___ 5. On **Resource Selector** window, click on the resource you want to remove.

___ 6. Click on **OK**.

___ 7. When confirmation window appears identifying resource for removal wait for alarm 0651.

___ 8. When alarm 0651 is displayed, click on **OK**.
The **Confirmation** panel is displayed.

• **If you are removing an ESCC coupler, go to step 9 below.**

• **If removing a processor, proceed as instructed on the confirmation window and go to step 10. Do not click on OK on confirmation window at this time.**

___ 9. Removal procedure for an ESCC coupler:

   ___ a. Loosen the two screws **1**.

   ___ b. Remove the bracket **2**.

   ___ c. Unplug the optical fiber ESCA cable **3**.

___ 10. Remove resource as instructed on the confirmation window and wait for alarm as instructed.

___ 11. On reception of alarm 0051 or 0571, plug the dummy cassette(s) following the instructions printed on the labels fitted to the frame.

___ 12. On the alarm message, click on **OK**.

___ 13. On confirmation message, click on **OK**.

___ 14. On **Remove Resource Options - Resource Selector** window if removing a second coupler or processor return to section 10.4 step 4 and repeat steps 4 to 14, removing all coupler resources before removing processor resource/s, or if all removal actions are complete click on **Cancel**.

Important Note

According to the level of microcode the following pop up screen **Active CDF-E has been successfully saved as reference CDF-E** may not be displayed (within 1 minute). Click on **OK** if displayed.

10.5 Save CDF-E on Diskette

___ 1. Double click on the SP icon.

___ 2. On **Service Processor Menu** window, click on **Configuration Management**.

___ 3. Double click on **Manage 3745-3746-9X0 Installation**.

___ 4. On **Controller Installation** window, select the machine you are installing/removing the cassette.

___ 5. Click on **Save**.

___ 6. When requested, insert the *Installation Parameters Diskette* in the diskette drive of the SP.

___ 7. When the **Warning** window is displayed, remove the diskette and click on **OK**.

___ 8. On **Controller Installation** window, click on **Cancel**.

10.6 3746-900 Power Mode

___ • On the 3746-900 control panel, set the **Power Control** indicator to its original value. Press the **Validate** key.

10.7 Log the SP OFF

___ 1. On the **3746-900 Menu** window, click on **Function**, then, click on **Exit**.

___ 2. On the **MOSS-E View** window, click on **Program**.

___ 3. Click on **LOG OFF MOSS-E**.

11.0 Test Procedures

None.

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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