



## Field Feature Bill of Material (FFBM)

**PN 58G7678**

### **INSTALLATION of a TIC3 Coupler (FC 5601) in IBM 3746 Model 900**

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## Before Installation (Steps 1-8)

### 1.0 Machines Affected

3746 Model 900.

### 2.0 Related BMs and ECs

None;

### 3.0 BMs to be Installed

- 58G7678 - Installation Instructions
- FFBM 09G2977, installation of a TIC3 coupler (FC 5601)

### 3.1 As Required BMs

- 09G2972 - External cable (for EMEA), for a TIC3 coupler installation

### 4.0 Preparation

1. See the *HONE configuration sheet/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	TRP/ESCP/CLP	CBS	SPS	CSE				

Front View



## Expansion Enclosure Rear View

DUMMY		TIC3 / LIC	TIC3 / ESSCC / LIC	TIC3 / LIC	TIC3 / ESSCC / LIC	TIC3 / LIC	TIC3 / ESSCC / LIC	TIC3 / LIC	TIC3 / ESSCC / LIC	SPD 2
DUMMY		TRP / ESSCP / CLP	TRP / ESSCP / CLP	TRP / ESSCP / CLP	TRP / ESSCP / CLP	TRP / ESSCP / CLP	TRP / ESSCP / CLP	TRP / ESSCP / CLP	TRP / ESSCP / CLP	CSCC

Front View

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

## 5.0 Programming

### 5.1 Diagnostic Programs

None.

## 6.0 Purpose and Description

### 6.1 Purpose

Installation of a new feature.

## 6.2 Description

Installation of a TIC3 coupler and reconfiguration of the machine.

## 7.0 Installation Time

FFBM Installed	Machine Hours	System Hours
58G7678	0.5	0.0

## 8.0 Tools/Materials Required

ESD kit (PN 6428316).

## Installation (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 Installation

Before the installation, ask the customer:

- \_\_\_ • 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**.

#### 10.3 TIC3 Coupler Installation

- \_\_\_ 1. Double click on the 3746-900 icon.
- \_\_\_ 2. On **3746-900 Menu** window, click on **Configuration Management**.
- \_\_\_ 3. Double click on **Display/Update Active Configuration (CDF-E)**.  
Verify that the TRP is available for the position of the TIC3 coupler you are installing.  
Click on **Cancel**.
- \_\_\_ 4. Double click on **Add/Retrieve Resources in Concurrent Mode**.

- \_\_\_ 5. When **Confirmation** screen is displayed, follow this procedure:
  - a. Remove the dummy cassette.
  - b. Plug the cable into the TIC3 coupler cassette.
  - c. Plug TIC3 coupler following the instructions on the label fitted to the frame.
- \_\_\_ 6. **Wait** for alarm 0052 or 0572 as instructed on the confirmation window, verify the displayed positions of the coupler cassette. Click on **OK**.
- \_\_\_ 7. On confirmation screen, click on **OK**.
- \_\_\_ 8. On **Resource Selector** window, click on the resource you want to add. Click on **OK**.
- \_\_\_ 9. On **Add/Retrieve Resource Options** window, click on **OK**.
- \_\_\_ 10. On **Test and Running Option Selection** window, click on **TIC3 SAT**. Then, click on **OK** (test time: about 1.3 minute).
- \_\_\_ 11. On **Information** message, click on **OK**.
- \_\_\_ 12. On **Diagnostic Active Status** window, check that no errors are logged, click on **Cancel**.
- \_\_\_ 13. On **Add/Retrieve Resource Options** window, click on **Initialize the resource**, click on **OK**.
- \_\_\_ 14. **Wait** for request is complete warning screen to appear, click on **OK**.
- \_\_\_ 15. Click on **Remove the resource from the concurrent mode**, click on **OK**.
- \_\_\_ 16. On the Warning window, click on **OK**.  
**Wait** for alarm 0657 concurrent mode, click on **OK**.
- \_\_\_ 17. If a confirmation window is displayed, click on **Cancel**.  
If the **Resource Selector** is displayed, click on **Cancel**. Then, on **Confirmation** window, click on **OK**.

**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.

**10.4 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**.

**10.5 3746-900 Power Mode**

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

**10.6 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 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.**