



## Field Feature Bill of Material (FFBM)

**PN 58G7670**

### **INSTALLATION of a Line Connection Box Base (LCBB) and a LIC Type 11 (FC 5210) 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

#### 2.1 Prerequisites

(Must be installed prior to this installation)

- EC microcode D22482.
  - EC documentation C38776.
- Checkpoint:** EC level on PRD sheet (vol 1).

### 3.0 BMs to be Installed

- FFBM 58G7670 - Installation Instructions
- FFBM 58G5291 - LIC11 installation (FC 5210)
- FFBM 58G5226 - Installation of a LCBB

- FFBM 58G5385 - Wrap Plug (provided with the first LIC11 installation)

### 3.1 Install one of the Following FFBMs

- 17G5826 - Internal cable (1.30 m) LIC11 to LCBB (FC 5213)
- External cable from LIC11 to LCBB:
  - 17G5827 - 7m long (FC 5214)
  - 17G5915 - 7m long (FC 5215) plenum US
  - 17G5828 - 15m long (FC 5216)
  - 17G5916 - 15m long (FC 5217) plenum US
  - 17G5829 - 35m long (FC 5218)
  - 17G5817 - 35m long (FC 5219) plenum US
  - 17G5830 - 70m long (FC 5220)
  - 17G5918 - 70m long (FC 5221) plenum US
  - 17G5831 - 105m long (FC 5222)
  - 17G5919 - 105m long (FC 5223)plenum US

### 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	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.

## 6.2 Description

Installation of a:

- Line Connection Box Basic (LCBB)
- LIC type 11 cassette
- Cable from LCBB to LIC11

and reconfiguration of the machine.

## 5.0 Programming

### 5.1 Diagnostic Programs

None.

## 6.0 Purpose and Description

### 6.1 Purpose

Installation of a new feature.

## 7.0 Installation Time

FFBM Installed	Machine Hours	System Hours
58G7670	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.

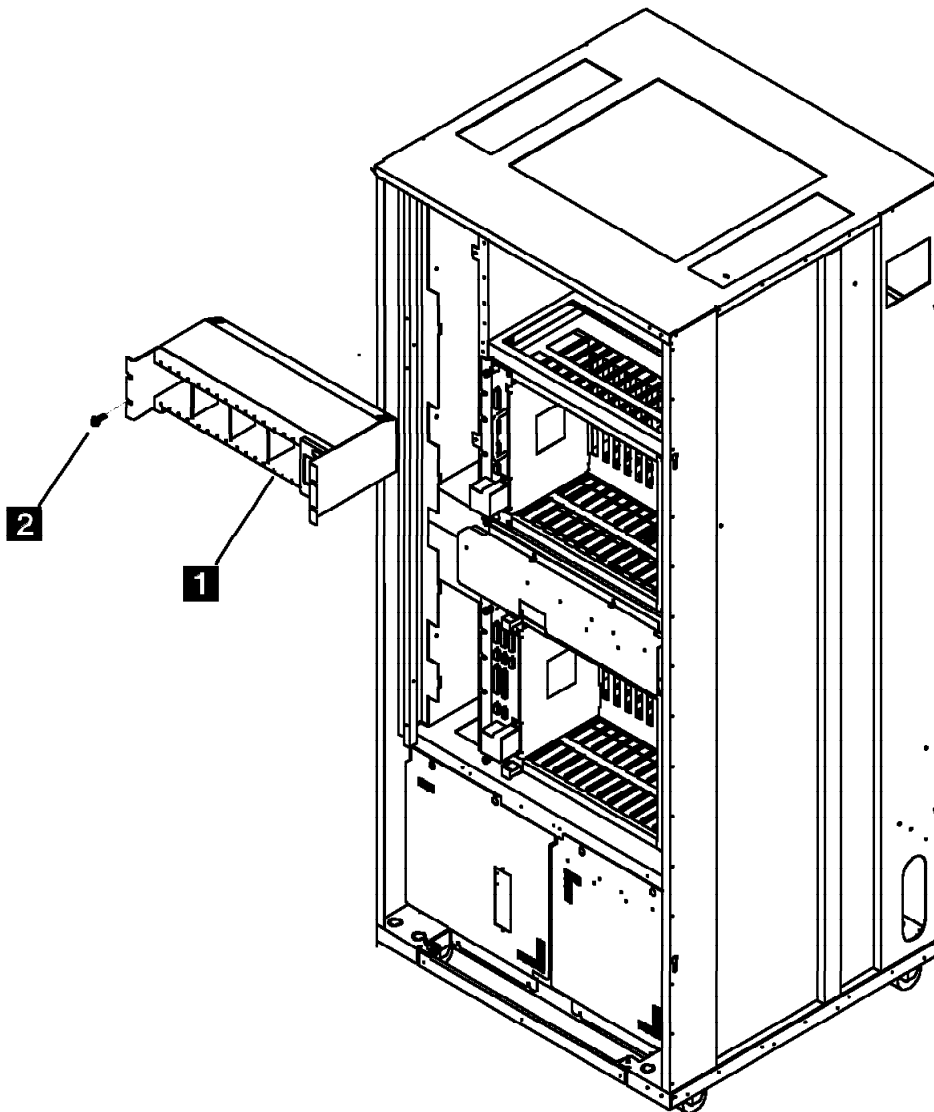
- If you are installing the LCBB outside the 3746-900, go to Section 10.2, "LCBB Installation outside the 3746-900" on page 7.
- Otherwise, continue.



## 10.1 LCBB Installation inside the 3746-900

- \_\_\_ 1. Open the rear cover of the 3746-900.
  - \_\_\_ 2. Install the LCBB **1** and secure with 4 screws **2** (PN 1621210) to the frame.
- Note:** The first LCBB must be installed in the lower position.
- \_\_\_ 3. Plug the cable (PN 17G5826) on the LCBB. To install labels see the *Connection and Integration Guide (CIG)*, SA33-0129, Chapter 2, installing a LCB.
  - \_\_\_ 4. Route this cable to the right side of the frame through the bracket(s) of the cover labelled 2.
  - \_\_\_ 5. This cable will be plugged in the LIC11 coupler in step 5 of section 10.5, "LIC11 Cassette Installation" on page 8.

- Go to section 10.3, "3746-900 Power Mode" on page 7.



10.2 LCBB Installation outside the 3746-900

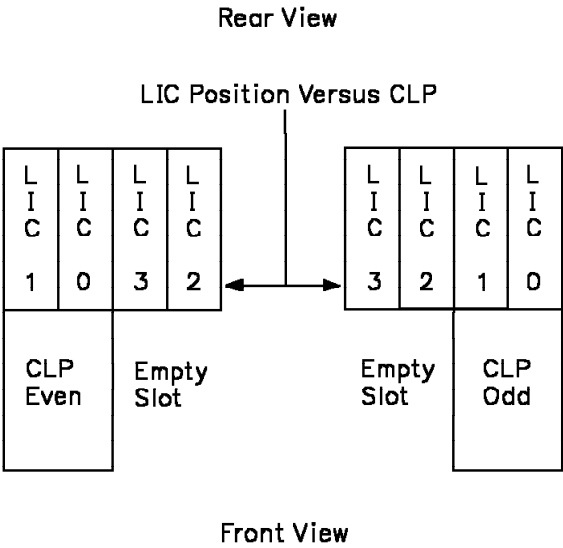
1. Open the rear cover of the 3746-900.

2. Verify that the external cable (from LIC11 to LCBB) you have received is at the right length regarding the LCBB location.

For the LCB installation and the label locations, see the *Connection and Integration Guide (CIG)*, SA33-0129, Chapter 2, Installing a LCB.

3. Plug the external cable on the LCBB.

This cable will be plugged in the LIC11 coupler in step 5 of section 10.5, "LIC11 Cassette Installation" on page 8.



10.3 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.

10.4 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**.



## 10.5 LIC11 Cassette 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 CLP is available for the position of the LIC11 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 coming from the LCBB into the LIC11 coupler cassette.
  - c. Plug LIC11 coupler following the instructions on the label fitted to the frame.
  - d. Close the rear cover.
- \_\_\_ 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 LCBB 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 **LCBB SAT1**. Then, click on **OK** (test time: about 1.5 minute).
- \_\_\_ 11. On the information message, click on **OK**.
- \_\_\_ 12. On **Diagnostic Active Status** window, check that no errors are logged, click on **Cancel**. If an alarm is displayed, see the *MIP*, Chapter 1, and follow the appropriate procedure.
- \_\_\_ 13. On **Add/Retrieve Resource Options** window, click on **Cancel**.
- \_\_\_ 14. On **Resource Selector** window, click on LIC11 to be installed. Then, 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**.



## 10.6 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**.

## 10.7 3746-900 Power Mode

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

## 10.8 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.**

