

Field Feature Bill of Material

**Installation of MAE Token Ring Attachement (FC 5713 or
9713)**
on IBM 3746 Model 9X0 with
Multiaccess Enclosure Feature 3001 or 3000

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Before Installation (Steps 1-8)

1.0 Machines Affected

IBM 3746 Model 9X0 with MAE installed (FC 3000 or 3001)

This feature should only be applied on the machine serial for which it is specified.

2.0 Related BMs and ECs

2.1 Prerequisites

(Must be installed prior to this installation)

MAE feature (FC 3000 or 3001)

2.2 Concurrent ECs

(Must be installed together)

If needed, the following features must be installed:

- In the **MAE**, FFBM 86H0247 (FC 3280) 2 Port Token Ring Adapter
- In the **3746-9X0**, FFBM 58G7678 (FC 5601) one or two TIC3

2.3 Companion ECs

(May be installed together)

None.

3.0 BMs to be Installed

Feature BM	Feature Name
02L3506	Token Ring attachment (FC 5713) for MAE FC 3001 Token Ring attachment (FC 9713) for MAE FC 3000

4.0 Preparation

1. Familiarize yourself with the purpose and details of the installation instruction before negotiating machine time with the customer.
2. Verify that:
 - One or two TIC3 (FC 5601) and the associated cable(s) are available in the 3746-9x0.
 - One TRA card is installed and available in the MAE (FC 3280).

5.0 Programming

None.

6.0 Purpose and Description

To install the link thru 8228 from the MAE Token Ring Adapter to the TIC3 installed in a 3746-9x0 and allows APPN traffic between the MAE and the 3746-9X0.

7.0 Installation Time

FFBM	Machine Hrs.	System Hrs.	Nbr of CEs
02L3506	0.5	0.0	1

8.0 Tools/Material Required

None.

Installation (Steps 9-12)

9.0 Safety

Not applicable.

10.0 Details of Installation.

___ Ask the Customer to stop the traffic on the MAE.

10.1 Connect the MAE to the 3746-9X0 thru Token Ring

Notes

1. You can have to install **one** or **two** links (TIC3 <--> 8228 <--> TRA) from the 3746-9X0 and the MAE.
2. The TIC3(s) can be installed in **any position** in the basic or expansion boards of the 3746-9X0.

10.1.1 Installing the 8228s

1. ___ Unpack the 8228, and then reset the 8228 ports as explained in the following steps:

Note: Use the IBM 8228 Setup Aid after you have installed the 8228 and before you connect any cables to it. Save one Setup Aid to be used later if you relocate an 8228.

2. ___ Before you begin, make sure no cables are connected to the 8228. If a cable bracket has been installed on the 8228, remove it.
3. ___ Insert the aid into receptacle 1 of the 8228. The yellow stripe should be aligned with the edge of the receptacle to ensure that the aid is firmly seated.

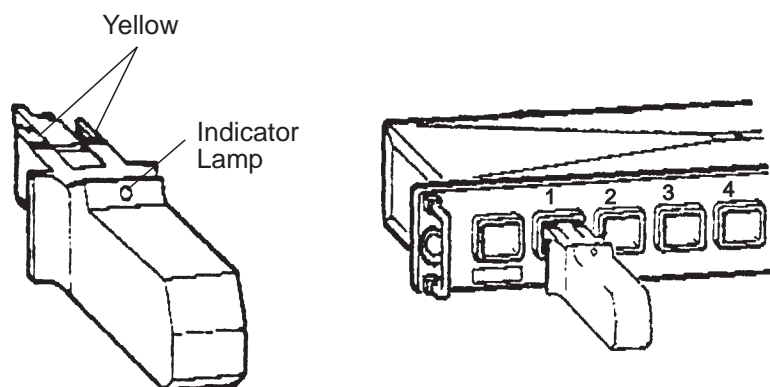


Figure 1. Use of the 8228 Setup Aid

The light will glow brightly when the aid is initially inserted and will gradually dim when the aid is firmly seated in the receptacle.

If the light does not glow brightly when you insert the Setup Aid, remove the screw from the aid and replace the battery. If the light still does not glow brightly after you have replaced the battery, try another Setup Aid.

4. ____ Leave the aid in the receptacle for four seconds after the light has gone out. Remove the aid from the receptacle and insert it into the next receptacle. The yellow stripe should be aligned with the edge of the receptacle to ensure that the aid is firmly seated.

Go to the next receptacle and repeat this step until you have set each receptacle, 1 through 8.

5. ____ When you have set receptacle 8, insert the aid into the RI receptacle for four seconds.

The light should glow brightly while the aid is in the receptacle. If the light does not come on or goes out while the aid is connected to the receptacle, the 8228 must be replaced. Notify your network planner or supervisor.

Note: The 8228 Setup Aid is to be used only in setting up the 8228 either initially or after relocating the 8228. It should never be used when the network is operating.

6. ____ Install the 8228s **A** in the controller expansion using two screws (PN 1621232) and two captive nuts (PN 58G5766) see Figure 2 on page 7. Using label **B** (PN 782964), identify the 8228 as MAE Access Unit.

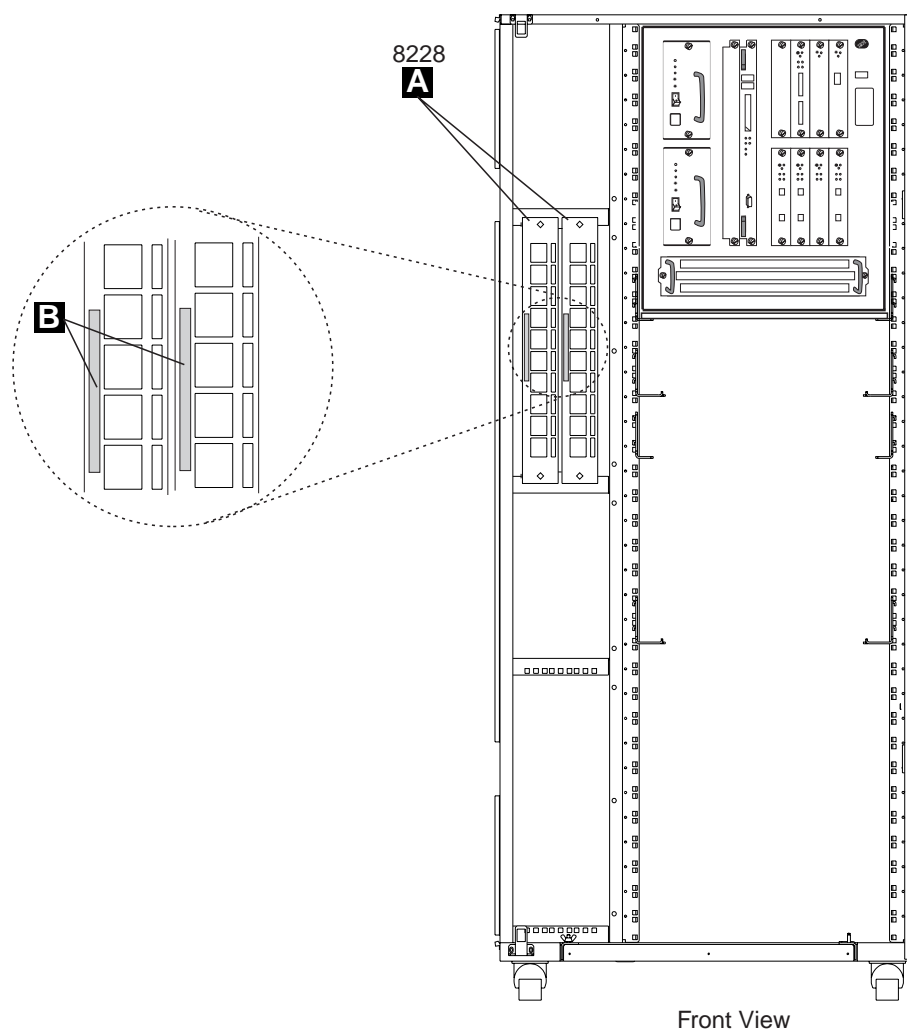


Figure 2. Installing the 8228 (Controller Expansion)

10.1.2 Connect the MAE and the 3746-9X0 to the 8228(s)

1. ____ Connect the cable(s) **4** (PN 43G3953) from the token-ring adapter connectors **2** installed in location 1 of the MAE to any free plugs (1 to 8) of the 8228.
2. ____ Obtain from your customer the cable(s) **3** PN 72F1236 (9M, 30 Ft) or any longer token-ring cables. Plug these cables from the 8228 (any free plugs 1 to 8) to the TIC3 connectors **1** available in the 3746-9X0.

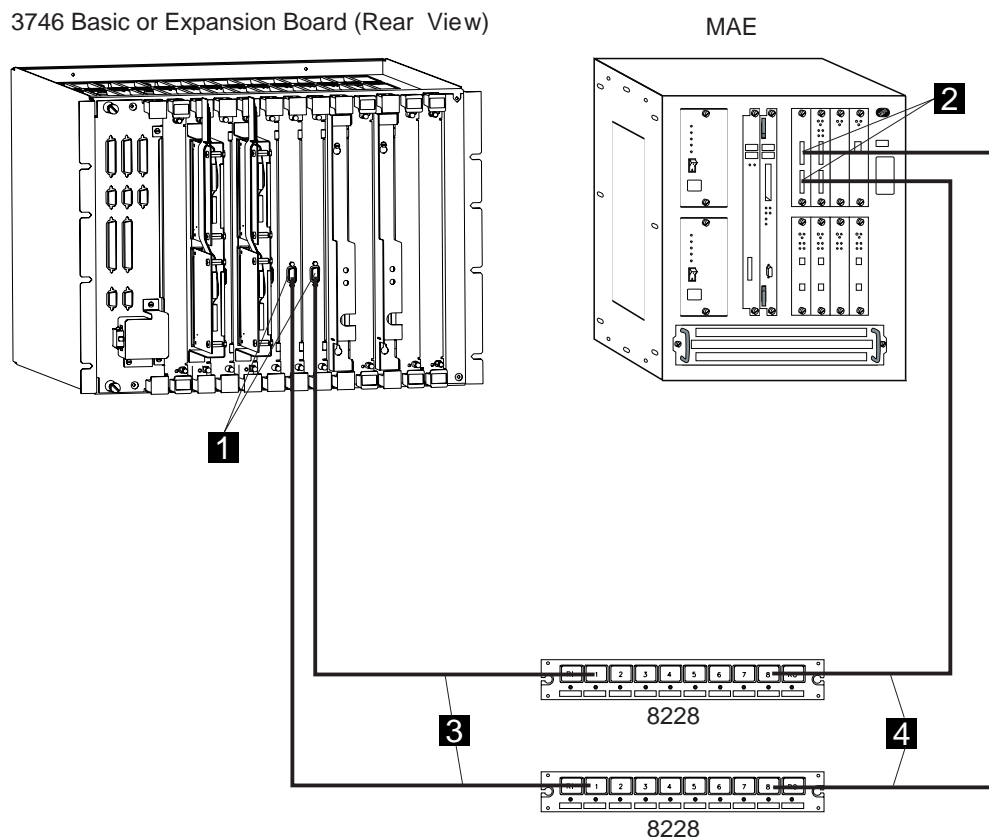


Figure 3. Connecting the MAE to the 3746-9X0 via 8228

10.2 Returning the Machine to the Customer

- ____ 1. Inform the Customer or his representative, that the 3746-9x0 is now ready to support APPN traffic between the 3746-9x0 and the MAE
- ____ 2. Tell him that he can start the traffic.

11.0 Test Procedures

No test required.

12.0 Field Updating

None.

After Installation (steps 13-15)

13.0 Publications Update

14.0 Parts Disposition

Not applicable

15.0 Machine Records

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

End of instructions.