Option Instructions

Asynchronous Communications Adapter

This carton contains the following:

- Asynchronous Communications Adapter

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April 1983

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Installation Requirements

This option may be installed in either the system unit or expansion unit.

Tool Required

- Medium-size, flat-blade screwdriver

Optional:
- Medium screwstarter
- 3/16-inch nutdriver
- 1/4-inch nutdriver
Installation Instructions

1. Set the Power switch on the system unit (and expansion unit, if attached) to Off.

2. Set all external power switches Off (printer, TV, etc.).

3. Unplug the system unit’s (and expansion unit’s) power cord from the wall outlet.

4. Disconnect all cables from the rear of the unit in which the option is to be installed.
5. Move your keyboard and all external options away from the work area.

6. Position the unit to allow access to the rear.

7. Use a flat-blade screwdriver or 1/4-inch nutdriver and remove the five cover mounting screws by turning them counterclockwise as shown in the figure below. Save the screws for the installation of the cover.

8. Carefully slide the unit's cover away from the rear and to the front as indicated in the figure below. When the cover will go no further, tilt it up, remove it from the base, and set it aside.
9. Look at the inside left rear of your unit. There are eight expansion slots. You can install your option in any unused slot.

10. Use a flat-blade screwdriver or a 3/16-inch nutdriver and remove the screw that holds the expansion slot cover in place by turning the screw counterclockwise. Save the screw for the installation of the option.

11. The figure below shows the pluggable address module on the asynchronous communications adapter. On the second asynchronous communications adapter to be installed in your system, remove the pluggable address module and reinsert it in the position shown for "Alternate Asynchronous Adapter." Then go to Step 12.

**Note:** If this is the first asynchronous communications adapter to be installed in your system, go to Step 12 now.
12. Possible interfaces for the asynchronous communications adapter are the current-loop and RS232-C. Position the pluggable module for the interface that suits your application as shown in the following figure.

Retainer Screw Slot
Top
Option Retaining Bracket
Pluggable Module
25-Pin Connector

Module Position for Current-Loop Interface
Module Position for RS232-C Interface

Note: The pluggable module may have a dust cover. Simply lift to remove.

13. Hold the option by the top and firmly press it into the expansion slot as shown below.
14. Align the slot in the option retaining bracket with the hole in the rear panel of the unit. Start the screw clockwise, then tighten with a flat-blade screwdriver or 3/16-inch nutdriver.

15. If you have any other options to install in this unit, do so now before putting the cover back on. Put the unit's cover on by positioning it as shown and carefully sliding it toward the rear of the unit.
16. When the cover is all the way to the rear, align the screw with the threaded tabs and tighten. Use a flat-blade screwdriver or 1/4-inch nutdriver and turn clockwise.

17. Your system unit and expansion unit (if attached) are now ready to be recabled. Refer to Section 1, "Introduction/Installation."

**Note:** If you have any problem after installation, one of the following is the most likely cause:

- Asynchronous Communications Adapter.
- Improper cabling.
- Other options may have loosened.

**Note:** When performing any tests or diagnostics, disconnect any external devices that may be connected to your asynchronous communications adapter.
# Connector Information

## Rear View

![25-Pin Connector Diagram](image)

## Signal Name - Description | Pin
--- | ---
NC | 1
Transmitted Data | 2
Received Data | 3
Request to Send | 4
Clear to Send | 5
Data Set Ready | 6
Signal Ground | 7
Received Line Signal Detector | 8
+Transmit Current Loop Return | 9
NC | 10
-Transmit Current Loop Data | 11
NC | 12
NC | 13
NC | 14
NC | 15
NC | 16
NC | 17
+Receive Current Loop Data | 18
NC | 19
Data Terminal Ready | 20
NC | 21
Ring Indicator | 22
NC | 23
NC | 24
-Receive Current Loop Return | 25

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Asynchronous Communications Adapter

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Asynchronous 16  
April 1983