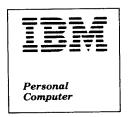
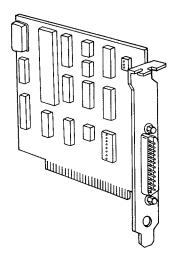
Option Instructions

Asynchronous Communications Adapter

For





This carton contains the following:

- Asynchronous Communications Adapter
- Problem Determination Procedures
- Diagnostics Diskette

If any items are missing or damaged, notify your place of purchase.

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Installation Requirements

If your Guide to Operations manual has an edition date of August 1981 or April 1982 (this date can be found on the back of the title page of the manual), replace the Problem Determination Procedures with the new Problem Determination Procedures contained in this package. Replace the Diagnostics diskette with the new diskette from this package. Discard the old material.

- This option may be installed in either the system unit or expansion unit.
- Insert the Option Instructions in your Guide to Operations under the correct bleeder tab.

Tool Required

• Medium-size, flat-blade screwdriver

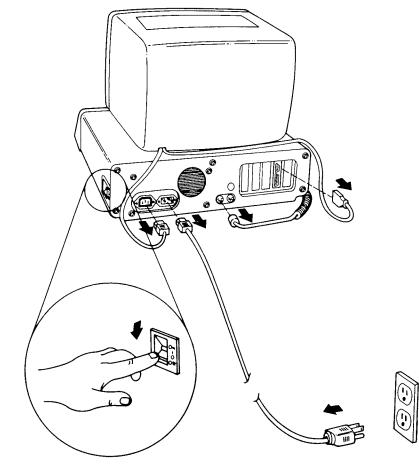
Optional:

- Medium screwstarter
- 3/16-inch nutdriver
- 1/4-inch nutdriver

Notes:

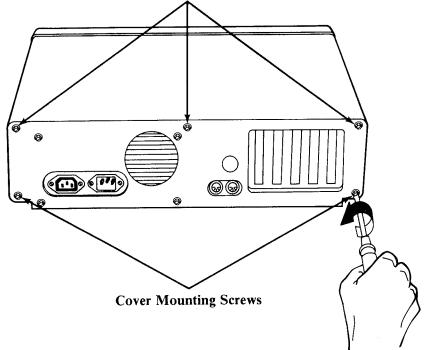
Installation Instructions

- 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 system unit.

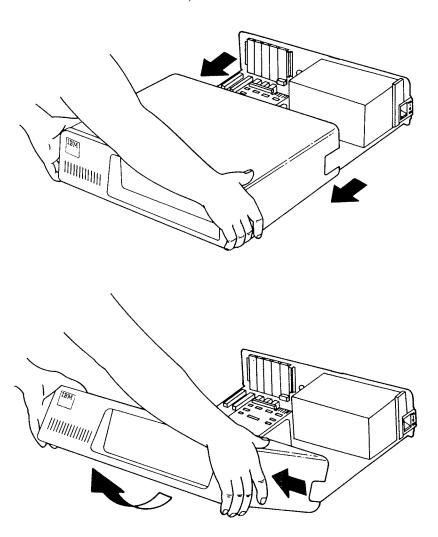


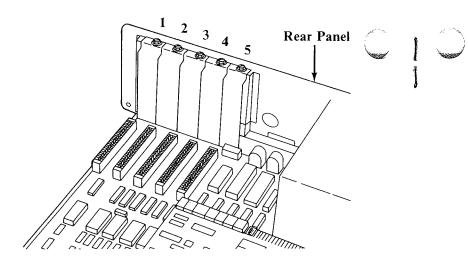
- 5. Move your keyboard and all external options away from the work area.
- **6.** Position the system unit to allow access to the rear.
- 7. Use a flat-blade screwdriver or 1/4-inch nutdriver and remove the five cover mounting screws by turning them counterclockwise as shown in the figure below. Save the screws for the installation of the cover.

Cover Mounting Screws (These three screws may not be present on your system unit)

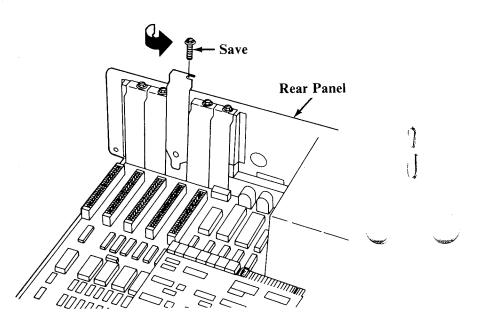


8. Carefully slide the system unit's cover away from the rear and to the front as indicated in the figure below. When the cover will go no further, tilt it up, remove it from the base, and set it aside.



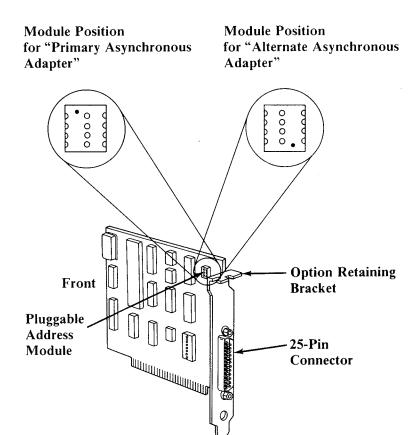


10. Use a flat-blade screwdriver or a 3/16-inch nutdriver and remove the screw that holds the expansion slot cover in place by turning the screw counterclockwise. Save the screw for the installation of the option.

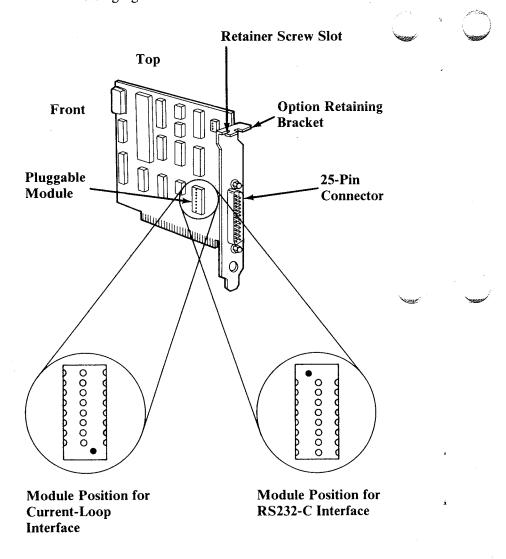


Note: If this is the first asynchronous communications adapter to be installed in your system, go to Step 12 now.

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.

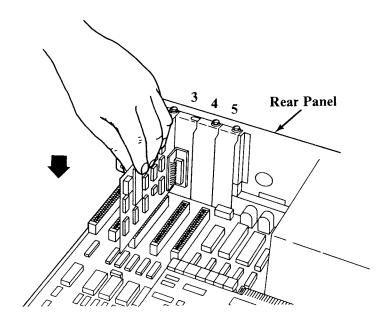


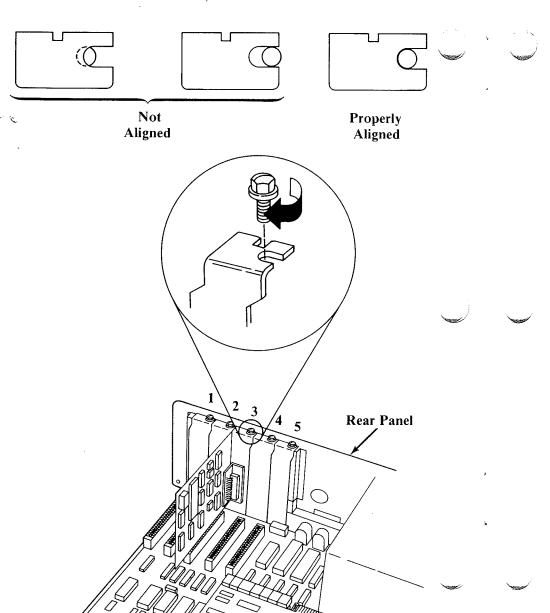
12. Possible interfaces for the asynchronous communications adapter are the current-loop and RS232-C. Position the pluggable module for the interface that suits your application as shown in the following figure.



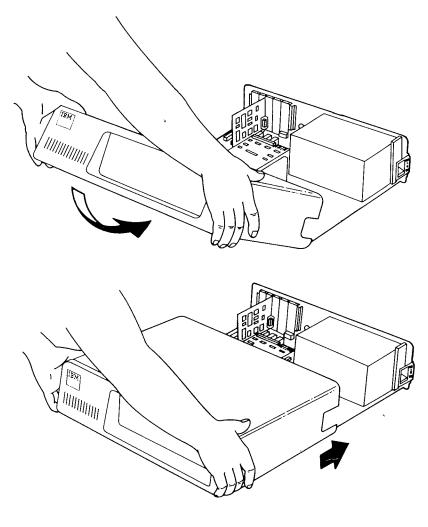
Note: The pluggable module may have a dust cover. Simply lift to remove.

13. Hold the option by the top and firmly press it into the expansion slot as shown below.

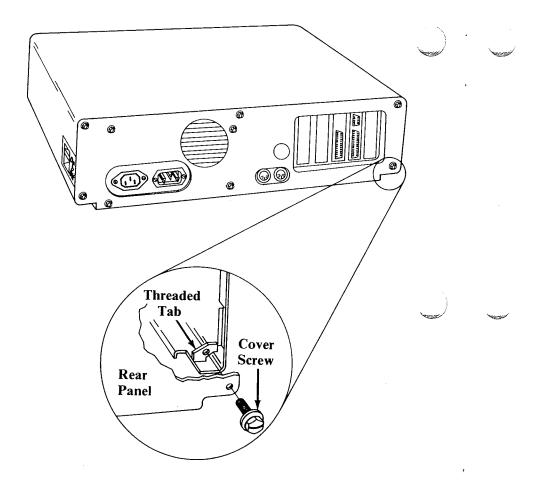




15. If you have any other options to install in the system unit, do so now before putting the cover back on. Put the system unit's cover on by positioning it as shown and carefully sliding it toward the rear of the unit.



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 is now ready to be recabled and to verify that it is operational:

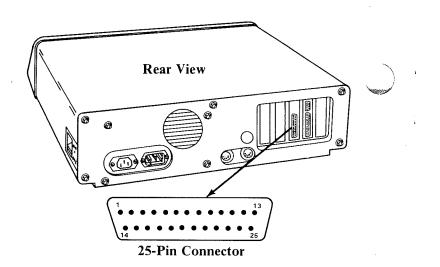
Go to Section 2, "Setup."

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 tests or diagnostics, disconnect any external devices that may be connected to your asynchronous communications adapter.

Connector Information



	Signal Name - Description		Pin	
	NC		1	
	Transmitted Data	←	2	
	Received Data -	→	3	
	Request to Send	↤	4	
	Clear to Send -	→	5	
	Data Set Ready -	<u>→</u>	6	
	Signal Ground		7	
	Received Line Signal Detector -	->	8	
	+Transmit Current Loop Return -	╧	9	
	NC		10	
External	-Transmit Current Loop Data	$\leftarrow \bot$	11	Asynchronous
Device	NC		12	Communications
	NC		13	Adapter
	NC		14	
	NC		15	
	NC		16	
	NC	_	17	
	+Receive Current Loop Data -	<u> </u>	18	
	NC		19	
	Data Terminal Ready	╙	20	
	NC		21	
	Ring Indicator -	<u> </u>	22	
	NC		23	
	NC		24	
	-Receive Current Loop Return -	<u>→</u> [25	