

FRONT

PICTURE 1

October 17, 1991

This pamphlet contains a General Checkout, a Symptom-to-FRU Index, and a parts listing for the IBM Personal System/2 Communications Cartridge I.

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Part Number 10G5993

Form Number S10G-5993-00

Note: This pamphlet is intended to be used with the *Hardware Maintenance Service* manual.

CAUTION:

Turn off the system power before the Communications Cartridge I is removed from or attached to the system unit.

Important:

If more than one error code are displayed, diagnose the first error code first. The cause of the first error can cause false error codes to be displayed.

1.0 General Checkout

Check that the:

- Power cord is securely plugged into the Communications Cartridge I and an electrical outlet.
- External bus cable is properly connected to the Communications Cartridge I and to the System Unit.
- Adapter in the cartridge is fully seated.

If you cannot solve the problem, go to "Communications Cartridge I Symptom-to-FRU Index" in topic 2.0.

Note: When the Problem Determination Procedure in the adapter operation manual says to "Have the system unit serviced.", this includes the Communications Cartridge I as well as the system unit itself.

IBM PS/2 Communications Cartridge I HMS
Communications Cartridge I Symptom-to-FRU Index

2.0 Communications Cartridge I Symptom-to-FRU Index

Error symptoms and the FRUs that might be responsible for the failure are listed below. The most-likely failing FRU is listed first.

Symptom/Error	FRU/Action
System is nonfunctional when the Communications Cartridge I is attached.	Adapter in the cartridge Base Unit External Bus Cable System board
Power-on LED does not turn on.	Base Unit Cartridge power cord
Ready LED does not turn on.	Base Unit System board External Bus Cable
Adapter is not listed on the installed devices list.	Adapter in the cartridge
28XX	3278/79 Emulation System board Base Unit External Bus Cable
35XX	Enhanced 5250 Emulation Kit System board Base Unit External Bus Cable
166XX, 167XX	Token-Ring Network 16/4 System board Base Unit External Bus Cable

FRUs that aid in Communications Cartridge I diagnostics are listed in the following parts listing.

3.0 Parts

PICTURE 2

Index Communications Cartridge I

1	Base Unit	
	Model 001	06G8066
	□ Rear Cover	06G8068
	Model 002	06G8067
	□ Rear Cover	06G8068
	Model 003	07G2109
	□ Rear Cover	06G8673
	Model 004	06G8672
	□ Rear Cover	06G8673
2	Rear Cover	
	Model 001 or 002	06G8068
	Model 003 or 004	06G8673
3	Adapters	
	3278/79 Emulation	53F6425
	Enhanced 5250 Emulation Kit	30F5383
	Token-Ring Network 16/4	25F7367
	External Bus Cable	
	Model 001 or 002	06G8069
	Model 003 or 004	06G8673
	Power Cord	6952297 (See Note)

Note: Part 6952297 is only for the U.S./Canada power cord. For the power cords for countries other than the U.S. and Canada, see the PS/2 system maintenance manual of the attached system.