TITLE Title Page

**IBM Personal System 2 1-8mb 286
Memory**

SYNOPSIS Synopsis

PICTURE 1

IBM PS/2 1-8MB 286 Memory Expansion Option

November 16, 1990

This package is a supplement to the IBM Personal System/2 *Hardware Maintenance Reference* manual (part number 15F2190, form number S15F-2190-00).

Instructions for updating the manual are on page ii.

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Part Number 85F1672
Form Number S85F-1672-00

Instructions

This package contains either supplement or replacement information. To update your manual, compare the date on the information supplied in this package with the date on the information in the manual. Keep the information with the latest date. If the information in your manual is not dated, replace it with the dated page.

Follow the instructions below to update your manual.

Remove from your reference manual	**Insert from this package**
No removals	1-8MB 286 Memory Expansion Option information behind the "Additional Information" tab.

1.0 1-8MB 286 Memory Expansion Option

This option uses the 16-bit, full-length 2-8MB adapter
(MB = 1,048,576), which is the same adapter that is used in the 2-8MB
80286 Memory Expansion Option. The difference between the two options is
the size of the memory-module kit included with the adapter. The 1-8MB
286 Memory Expansion Option is shipped with a 1MB memory-module kit; the
2-8MB 80286 Memory Expansion Option is shipped with a 2MB memory-module
kit.

The 1-8MB 286 Memory Expansion Option:

    Can be installed in any 80286-based PS/2.

    Can be installed in any available expansion slot.

    Can be expanded to 8MB of memory.

    Has ROM that contains a power-on self-test (POST) as well as microcode
    to initialize the adapter.

    Has automatic configuration.

    Uses the 2-8MB Memory Expansion Option Diskette advanced diagnostics
    test and configuration information. All of the diagnostics refer to a
    2-8MB adapter. It is important to understand that these tests are
    used to identify failures on both the 1-8MB 286 Memory Expansion
    Option and the 2-8MB 80286 Memory Expansion Option. For this reason,
    you *must* verify the size of the memory module kit before you replace
    it.

Subtopics
1.1 Specifications
1.2 Removals and Replacements

1.1 Specifications

Environment

    Air Temperature:

- Operating: 15.6° to 32.2°C (60° to 90°F)
- Stored: 10.0° to 43.2°C (50° to 110°F)

    Humidity:

- Operating: 8% to 80%
- Stored: 20% to 80%
- Maximum Altitude: 2134 m (7000 ft).

1.2 Removals and Replacements

See the *Hardware Maintenance Reference* pamphlet for the model you are
servicing.