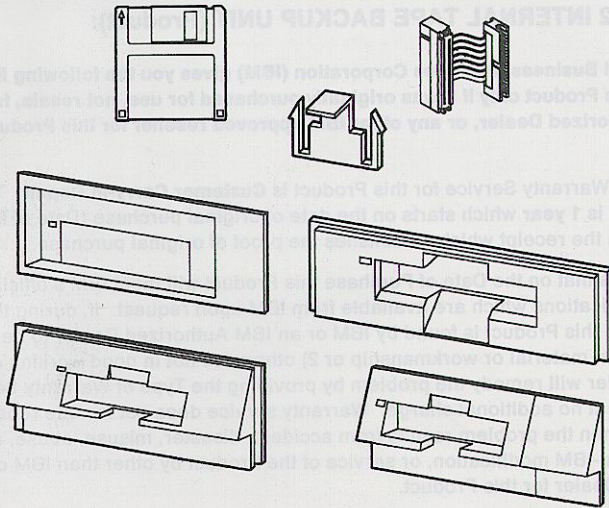


IBM Personal System/2 Internal Tape Backup Unit Kit C Installation and Testing Instructions



ITKC1001

This option consists of the following:

- Internal Tape Backup Unit Option Diskette
- Internal Tape Backup Unit Adapter cable
- Four (4) tape cover plates.
- Internal Tape Backup Unit mounting clip

If an item is missing or damaged, contact the place of purchase. For installation instructions turn to page 1.

92F3457

G571-0204-02

Personal System/2 is a registered trademark of the International Business Machines Corporation.

© International Business Machines Corporation 1991. All rights reserved.

Introduction

The IBM Personal System/2 Internal Tape Backup Unit Kit C is required when installing the Backup Unit in Personal System/2 computers that have a 34-pin diskette drive connector.

Installation Requirements

To install this option, you need an IBM Personal System/2 Internal Tape Backup Unit. For future reference, store these instructions with the manuals supplied with your system.

Related Publications

For additional information related to this option, see the IBM Personal System/2 Internal Tape Backup Unit *Installation and Testing Instructions*.

For assistance in obtaining IBM manuals, contact your place of purchase.

Updating the Reference diskette

You must use the Option diskette in this package (Part # 64F7467) **instead of** the one that comes with the tape drive (Part # 30F5226) to update the backup copy of the Reference diskette. If you haven't done so already, follow the directions in the Tape Backup Unit *Installation And Testing Instructions* to do that. Then, continue with "Installing The Adapter Cable" on page 2.

Note: The backup Reference Diskette **must** be updated **before** attaching the adapter cable and installing the tape drive.

Installing The Adapter Cable

The Tape Backup Unit will be installed in the same manner as a diskette drive option, with one exception. The Adapter Cable must be installed between the Internal Tape Backup Unit interface and the system cable. The Adapter Cable is keyed and can only be installed one way. Connect the 40-pin Adapter Cable connector (the larger connector) to the edge connector on the back of the Tape Backup Unit.

Note: For information on Adapter Cable Connector Pin assignments, see Table 2 on page 4.

Selecting The Cover Plate

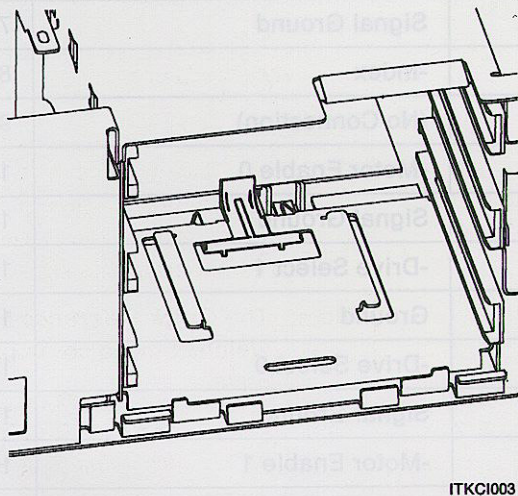
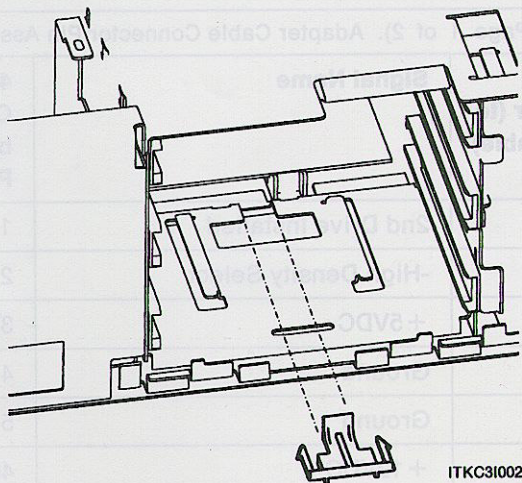
Select either one of the cover plates that came with the Tape Backup Unit, or one from this kit, according to the following table:

Note: Each cover plate has a seven-digit part number on the back.

Table 1. Tape Backup Unit Cover Plate Selection

For this system:	...You should select...
PS/2 Model 50, 50Z, 60, 65, 70, or 80	<p>The cover plate with part # 30F5161 or 30F5163. These two cover plates are packaged with the Tape Backup Unit; they are not included in this kit.</p> <p>Note: The <i>Quick Reference</i> indicates which of these cover plates to select.</p>
Any other PS/2 Model	One of the cover plates from this kit, as specified by your <i>Quick Reference</i> or <i>Guide to Operations</i> .
Note: Keep all extra cover plates for possible use with other systems.	

1. If you are using cover plate number 2, you must install the Mounting Clip in the rear of Bay 3 (Lower Left Bay) with the tab facing up. See figures below.



2. Install the Tape Backup Unit. See your System's *Quick Reference* or *Guide to Operations* for option installation.
3. Install the cover plate. See your System's *Quick Reference* or *Guide to Operations* for installation.

Adapter Cable Connector Pin Assignments

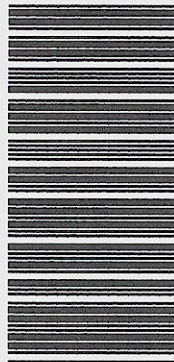
Table 2 (Page 1 of 2). Adapter Cable Connector Pin Assignments

34-Pin Connector (to system cable) Pin No.	Signal Name	40-Pin Connector (to backup unit) Pin No.
1	2nd Drive Installed	1
2	-High Density Select	2
3	+5VDC	38
4	Ground	4
5	Ground	5
6	+12VDC	40
7	Signal Ground	7
8	-Index	8
9	(No Connection)	9
10	-Motor Enable 0	10
11	Signal Ground	11
12	-Drive Select 1	12
13	Ground	13
14	-Drive Select 0	14
15	Signal Ground	15
16	-Motor Enable 1	16
17	(No Connection)	17
18	-Direction	18
19	Signal Ground	19
20	-Step	20
21	Signal Ground	21

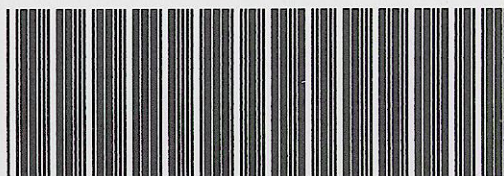
Table 2 (Page 2 of 2). Adapter Cable Connector Pin Assignments

34-Pin Connector (to system cable) Pin No.	Signal Name	40-Pin Connector (to backup unit) Pin No.
22	-Write Data	22
23	Signal Ground	23
24	-Write Enable	24
25	Signal Ground	25
26	-Busy	26
27	(No Connection)	27
28	-Write Protect	28
29	Signal Ground	29
30	-Read Data	30
31	Signal Ground	31
32	-Head 1 Select	32
33	(No Connection)	33
34	-Ready	34

Printed in the United States of America



P92F3457



G571-0204-02