

INTRODUCTION

NOTE: The procedures in this chapter can only be performed by trained service personnel or self-maintenance customers.

This chapter describes how to install the TUK50 UNIBUS kit in VAX computers that include a UNIBUS. (Chapter 2 describes the same installation, but in PDP-11 systems.) There are two basic UNIBUS kit variations. One variation (TUK50-AB) is for VAX systems (such as the VAX-11/730, VAX-11/750, VAX-11/780) and PDP-11 computers (such as the PDP-11/44, PDP-11/34, PDP-11/70). The second variation (TUK50-BB) is for PDP-11/84 systems. The kits include the following components.

NOTE: The mounting hardware and printed circuit board shields not shown.

- 1 TK50 UNIBUS Subsystem Owner's Manual (EK-TUK50-OM)
- 1 M7547 Host Adapter Module (UNIBUS controller)
- 1 Package mounting hardware
- 1 Internal interface ribbon cable
- 1 Quad I/O panel (PN 74-27292) (used for TUK50-AB variation only)

A TK50 UNIBUS subsystem is formed when the M7547 UNIBUS controller module (Figure 1-1) is installed in the computer and the computer is connected to the tape drive.

The TK50 communicates with the host computer through the UNIBUS interface, which consists of the interface cabling and the M7547 UNIBUS controller. The M7547 is a standard quad-height PC board. It plugs into a small peripheral controller (SPC) slot on the backplane of the host computer. The module has the following switches and jumpers.

- UNIBUS address
- Nonexistent memory timeout
- Hardware revision switchpack
- Unit number switchpack