



AlphaStation 500 Model 500 Auxiliary Power Harness

EK-AUXPH-IN. A01

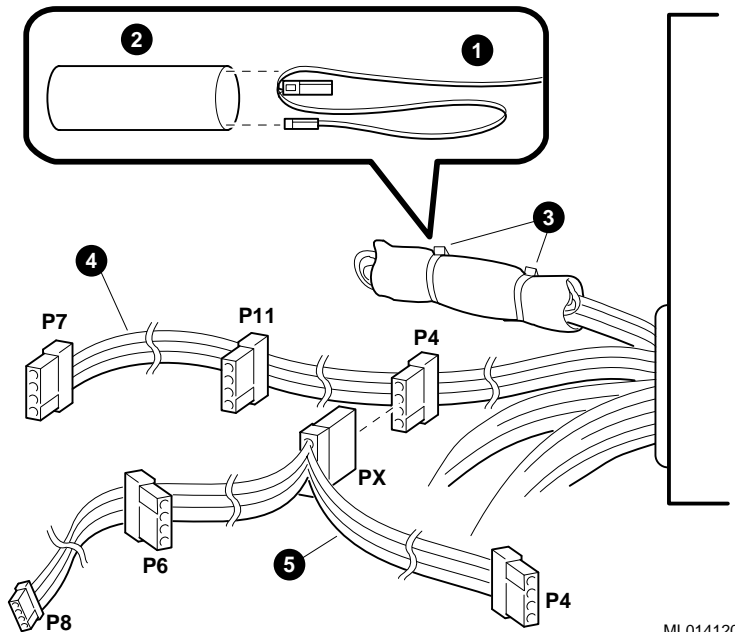
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Installation Instructions

These instructions are for repairing an AlphaStation 500 Model 500 system by installing a new auxiliary drive power harness (17-04556-01) for power supply part number 30-45491. The purpose of this installation is to replace a segment of the existing power harness, which includes the P6 and P8 connectors, and cover the original segment so as to prevent its use. To make this repair, follow these 10 steps:

1. Remove the system cover.
2. Remove the diskette drive, as follows:
 - a. Remove the locking pin from the wall of the enclosure.
 - b. Depress the detents on the wall of the enclosure.
 - c. Slide the drive out.
3. Remove the existing power harness segment, as follows:
 - a. Disconnect connector P8 from the CD-ROM drive and connector P6 from the disk drive, if any.
 - b. Disconnect connector P4 of the remaining segment of the harness, which includes the P4, P7, and P11 connectors.

Figure 1



ML014120

4. Refer to Figure 1 and coil the P6/P8 drive harness segment to a size of approximately 4 inches ❶ and place a 4-inch length of shrink-fit tubing over it ❷. Secure the shrink-fit tubing with two tie-wraps ❸. All connectors on the segment must be covered by the tubing to prohibit use.
5. Connect the new auxiliary drive harness 17-04556-01 to the existing P4/P7/P11 harness ❹, as follows (see Figure 1):
 - a. Connect the P4 plug of the existing harness to the PX socket of the new harness ❺.
6. Reconnect any disconnected drives using the P4, P6, and P8 connectors of the new harness.
7. Tuck the disabled harness segment out of the way: approximately 5 inches from the power supply and 2 inches from the ferrite bead.
8. Replace the diskette drive by reversing the process in step 2 above.
9. Place a blank stock label (36-28231-08) on top of the power supply, as close to the barcode label as possible. If possible, orient the label to match the barcode label. Do not cover any existing labels. Wording for the label should be handwritten as follows:

Modified *date*
Equivalent to Rev. *xnn*

Note: For power supply type 30-45491-01, *xnn* is D04
For power supply type 30-45491-02 or -03, *xnn* is B02
10. Replace the system cover.

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