PRIORITY:	Normal
DATE:	November 19, 2001
TITLE:	Using the T3000 tool to remove ribbon cables
ECO REFERENCE:	N/A
PRODUCT(S) AFFECTED:	AlphaEclipse™ 3500 series signs
SUMMARY:	These instructions show how to use the T3000 extraction tool to remove a ribbon cable from its connection header.

Introduction

The T3000 is a special tool for removing a ribbon cable from its connection header.

This tool is intended for use with the ribbon cables and headers in AlphaEclipse™ 3500 series outdoor signs.

The T3000 extraction tool can be obtained through Adaptive Micro Systems.

Figure 1: T3000 extraction tool

Related documentation

Document name	Part #	Description
Using the T3000 Extraction Tool to Remove Ribbon Cables	TechVideo #01-0001	The video companion to this TechMemo.
Guidelines for Controlling Electrostatic Discharge (ESD) Damage	TechMemo #00-0005	Basic procedures for preventing static damage to sensitive sign components.
AlphaEclipse™ 3500 Series Sign Installation and Service Manual	9711-6009	A guide for installation and field-serviceable repairs for an AlphaEclipse™ 3500 series outdoor sign.

Instructions

ATTENTION
OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE DEVICE

⚠ WARNING

Hazardous voltage.
Contact with high voltage may cause death or serious injury. Always disconnect power to unit prior to servicing.

⚠ WARNING

Hazardous voltage.
After removing power, wait AT LEAST ONE MINUTE before continuing this procedure. Otherwise, serious injury or death may occur.
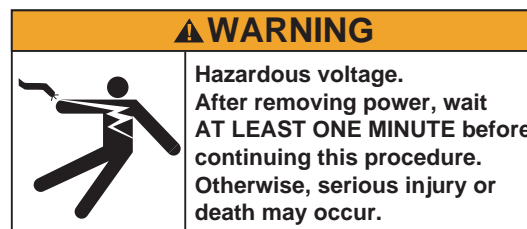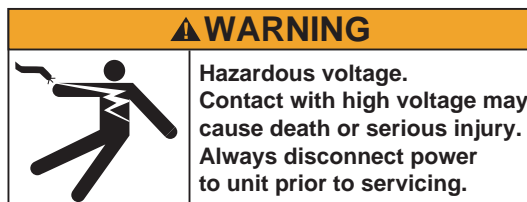
1. Remove power from the sign.

2. Open the sign. See the **AlphaEclipse™ 3500 Series Sign Installation and Service Manual** for details.

3. Locate ribbon cable to be removed. Attach T3000 to ribbon cable header:

Make sure each side of the T3000 mates to the connector.
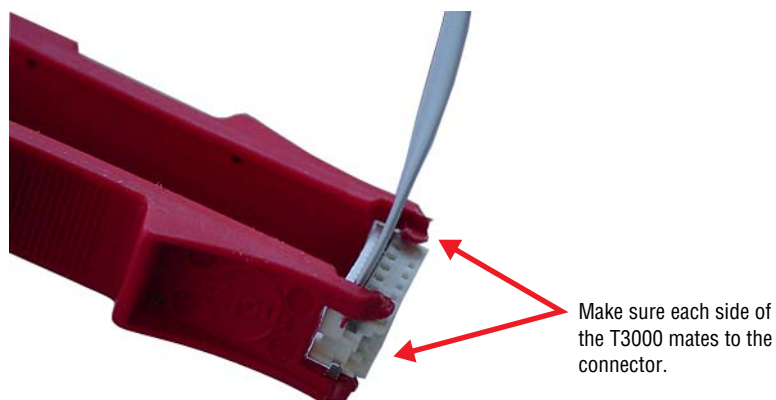
4. Gently rock T3000 back and forth while pulling ribbon cable off of the connector.

5. Replace ribbon cable.

6. Close the sign. See the **AlphaEclipse™ 3500 Series Sign Installation and Service Manual** for details.