For all APPLE IIe OWNERS !!!

SPECIAL INSTALLATION INSTRUCTIONS:

Special Installation Note for Apple IIe owners ONLY!!

The Apple IIe main circuit board (motherboard) does not currently have the special VIDEO SYNC signal wired into Apple I/O Slot #7. This means that the LPS II / Pentrak Graphics System will require a simple setup procedure before it may be used with the Apple IIe.

Pages 8 and 9 of the Preliminary Pentrak Reference Manual clearly describe the connection of the Light Pen in an Apple II for operation in a slot other than 7. A similar modification must be made for ALL APPLE IIe INSTALLATIONS EVEN IF THE LIGHT PEN IS PLACED IN SLOT SEVEN.

For operation with any Apple IIe, follow the directions outlined on pages 8 and 9 of the manual, with two exceptions:

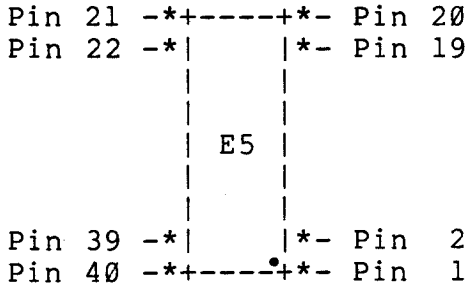
1. The small jumper located on the Light Pen circuit board, shown on page 9, does NOT EVER need to be cut. Skip that portion of the instructions leaving the jumper connected.

2. Since the Apple IIe motherboard is a completely new design, and not like the Apple II, you'll need to connect the Apple's end of the wire to a DIFFERENT location on the IIe:

   Referencing the horizontal and vertical row and column labels on the left and bottom edges of the motherboard (A to F and 1, 2, 3, ...), locate the large 40-pin chip at location E5.

   The Apple's end of the wire is connected to pin-39 of this chip (at E5). See the diagram below for the pin numbering scheme used.

Finally, plug the LPS II into ANY slot of your choice ... and you're ready to begin. Simply BOOT the PENTRAK disk and begin!



Front of the Apple IIe

Gibson Laboratories, Inc. 23192 Verdugo Drive, Laguna Hills, CA 92653 · (714) 770-5000