

XENIXLOCK.DOC
AutoCAD SCO XENIX 386 Hardware Lock
Reference Sheet

September 14, 1989

This document describes how to use the AutoCAD XENIX parallel port hardware lock, which is supplied with your AutoCAD package. If desired, print this document and keep it nearby when you install AutoCAD.

AUTOCAD SCO XENIX HARDWARE LOCK (Parallel Port Interface)

Enclosed with your AutoCAD manuals and diskettes is a small box with an electrical connector at each end. This device is a hardware lock. AutoCAD cannot operate without a hardware lock properly attached to your computer.

BEFORE YOU INSTALL THE HARDWARE LOCK

Only one hardware lock is supplied with each AutoCAD package. If the device is lost, stolen, or destroyed, it will be necessary to purchase another copy of AutoCAD to replace it. You should therefore insure the device for its replacement cost, which is the full price of your AutoCAD package.

Should your hardware lock be damaged or otherwise fail in service, contact your AutoCAD dealer. You will need to return the original in order to receive a replacement.

The AutoCAD license agreement allows you to install one copy of AutoCAD on as many computers as you wish, provided that you use it on only one computer at any one time. If you install AutoCAD on more than one computer, you will need to move the lock to the computer on which you plan to use AutoCAD.

HOW THE HARDWARE LOCK WORKS

The hardware lock should not affect any program but AutoCAD, nor should it affect any peripheral devices connected to the same parallel interface port. You do not need to remove the hardware lock to run other programs. The hardware lock does not prevent you from making backup copies of the AutoCAD software disks, nor does it prevent you from loading AutoCAD onto your hard disk. In fact, we encourage you to do this. Also, no "key" disk is required to run AutoCAD.

NOTE: It is possible that other programs using a different hardware lock device would not run properly with the AutoCAD lock attached. However, AutoCAD should work without limitation while locks for other applications are attached.

INSTALLING THE HARDWARE LOCK

Before you install the hardware lock, refer to the CAUTION! section at the end of this document for important information regarding the installation procedure and your hardware.

Installing the hardware lock is easy. All you need to do is the following:

1. Shut down the computer and make sure that the computer and all peripheral devices (e.g., digitizer, printer, etc.) are turned off.
2. Attach the male connector (at the end labeled "COMPUTER") of the hardware lock to your computer's parallel port connector.

NOTE: If all of your parallel port connectors are full, disconnect one of the peripheral devices, then connect the hardware lock to the open parallel port. Next, reconnect the peripheral device you disconnected to the female end of the hardware lock (at the end labeled "PERIPHERAL"). If desired, you can connect the hardware lock in-line with any device connected to a parallel port on your computer (printer, plotter, etc.).

3. If you have not done so already, install AutoCAD as instructed in the AutoCAD/SCO XENIX Installation & Performance Guide.

NOTE: BE SURE YOU HAVE RE-LINKED THE KERNEL AS INSTRUCTED. Failure to do so will result in an error instructing you to re-link the XENIX kernel and AutoCAD will fail to execute.

TESTING THE HARDWARE LOCK

To test the lock, simply execute AutoCAD. If you are able to use AutoCAD, you have installed the hardware lock properly.

If you try to operate AutoCAD without a properly installed hardware lock, or the lock is accidentally dislodged or some other problem causes AutoCAD to be unable to detect the lock, AutoCAD will display the error message:

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Please re-install or replace the AutoCAD hardware lock.  
Abort, Retry?
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AutoCAD will offer you the option of examining the hardware lock connection giving you the opportunity to correct any accidental disconnection.

If this error message appears, make sure that the hardware lock is

installed properly and completely. A loose connection can be the problem. Answer the error message prompt by entering "R" for retry. AutoCAD should resume normally. If the error message is repeated, you may need to replace your hardware lock. If so, contact your AutoCAD dealer.

If you answer the message prompt by entering "A" for Abort, AutoCAD will respond with the following error message:

FATAL ERROR: Hardware lock failure

and will terminate AutoCAD returning you the the XENIX system prompt.

CAUTION!

NEVER connect or disconnect any peripheral device under any circumstances when the computer is turned on and running. Low voltages and signals passing through the parallel port interface could damage your computer, peripheral devices or data if the peripheral is disconnected during operation - not just the AutoCAD hardware lock device. ALWAYS turn the computer off before installing or removing the hardware lock.

IF THE HARDWARE LOCK IS DISCONNECTED

If the hardware lock is deliberately removed or accidentally disconnected while the computer is running and you are in AutoCAD, immediately SAVE and QUIT your AutoCAD drawing, then turn off the computer. Afterwards, re-install the hardware lock.

Sometimes disconnecting the lock can cause problems with the computer's performance. This can range from the current process "locking" (the screen will freeze and you will be unable to continue with the program) or crashing (an error message will appear and the program will exit to the XENIX system without saving recent changes to your work).

It is also possible that disconnecting the hardware lock (as well as any other peripheral device) can cause hardware damage to the computer itself.

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