

# Important TEC Information

A very important warning was omitted from the TEC Installation Manual for those who have a hardware accelerator card installed in their computer. If you have an accelerator card, you **cannot** install a standard version of the TEC (by soldering the wires to the CPU chip). Instead, you must use the CPU bridge version, which installs between the accelerator and the mother board. Or if you have a Mega computer, you can use the TEC bus bridge version.

If this situation pertains to you, return the standard version to the place where you purchased it, and obtain a CPU (or bus) bridge version. Although the cost is slightly higher, you'll have a much easier installation since there is no soldering involved (unless you install the switchable TOS option).

## TOS 2.06 Features

The TEC manual neglects to mention a couple of features of TOS 2.06. You can now assign different colors and fill patterns to many parts of standard GEM windows by using the "Window Colors" CPX (within the Control Panel). The number of available colors depend upon the resolution you are using.

In the Window Colors CPX, you can click on many of the parts of the window, defining colors for the border, text, and fill as well as the fill pattern and the writing mode of the text in the window title and info lines. You can also assign these attributes to five different parts of inactive windows (the partially-covered section of the background window).

While in the Window Colors CPX, you can press function keys one through ten to select from ten different factory-defined color sets.

Another new feature of TOS 2.06 is the ability to enter any ASCII character by typing in its ASCII value. If you hold down the Alternate key, you can type a number on the numeric keypad. When you let go of the Alternate key, the character assigned to the ASCII value you typed will be inserted internally into the keyboard buffer, making it appear to the current application as if you had typed the key directly. If you are not at a point where keyboard entry is expected, there may be no result from this type of entry. Generally, the first 128 characters (ASCII 0-127) of the font set can be entered directly by combinations of keypress and optional shift keys (including Control and Alternate). The extended characters (ASCII 128-255) are not as easy to type in and the Alternate keypad method of entry becomes especially useful for these. For instance, ASCII 189 will produce a copyright symbol.

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# Installing TOS 2.06

Thank you for purchasing the TOS 2.06 chips from CodeHead Technologies. Included in this package, you should find two official Atari TOS 2.06 chips, the TEC manual, and the TEC Utilities disk. The first half of the TEC manual describes the installation of the TOS Extension Card. Since you have an STe computer, you do not need the TEC and can ignore most of this section. If you are not familiar with the handling of IC chips, you should refer to chapter 4, "Handling IC Chips". The second half of the TEC manual describes the new features in TOS 2.06. The TEC Utilities Disk contains many useful programs for the new TOS. See chapter 2 and the documentation on the disk for more information about the software.

The installation of new ROMs in your computer will void your warranty. If you don't want to do this, take it to a dealer to have the chips installed. The installation fee should be very small.

To install the chips in your STe, follow the instructions in section 3.4.1. Preparation, 1-6. If you have a Mega STe, you need only to remove one screw, the large one under the hard drive bay (on the right side of the computer when right-side up). Turn the computer right side up again, being careful to hold onto the hard drive cover so that it does not fall off onto the table on which you're working. Once the computer is right-side up, lift the hard drive bay and you'll have access to the ROMs.

Locate the ROM chips. They belong in the sockets as follows:

Mega STe	520/1040STe	Chip
U206	U102	Even Chip (EE)
U207	U103	Odd Chip (EO)
W201	W102	1-2 (jumper blocks)
W202	W103	2-3
W203	W104	1-2

Carefully remove the old ROM chips and install the new ones. See chapter 4 for precautions about handling chips. The jumper blocks are probably in the right positions already, but if not, you should set them as described above.

Reassemble your computer and enjoy your new TOS upgrade!

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