G V P   I N S T A L L A T I O N   D I S K   N O T E S

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A.   I N T R O D U C T I O N

   This GVP.Install disk contains a minimal Workbench environment
(enough to boot from). It should not be used as the main Workbench disk.

   The GVP.Install:GVP drawer drawer contain standard utilities provided
to help diagnose any problems that might be encountered when additional RAM
is added, or other system components are modified. An explanation of the
drawers and files found in the GVP drawer can be found in the next section
of this document.

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B.   T H E   G V P   D R A W E R

   This section of the document will describe the various utilities included
on the GVP.Install disk.

1. The Memory drawer

   a. MemTest -   This program is actually a small script that calls a
                  memory test program to allocate all of the RAM currently
                  in your system (and not in use) and performs tests on it.
                  These tests include writing random values to a RAM address
                  and then reading it back to compare with the original
                  value. If any errors occur, it will report them to the

screen. Since it is almost impossible to detect which chip on a SIMM module (or even which SIMM module) is at fault when an error is reported, attempts should be made to slowly reduce the amount of RAM in the system (and the tests re-run) to determine where the bad RAM chip may be.

2. The 68040 drawer

    a. GVPKSRemap -   This program is used to remap the Kickstart ROM into RAM to speed up the operating system. The installer provides an option to put an icon in the WBStartup drawer to automatically run this utility at startup time.
NOTE: there must be a SIMM module in either the second or eighth SIMM socket for this program to work.
A complete list of the program options are listed below:

        REMOVE -   This option removes the remapping of the Kickstart ROM image from RAM and frees up the memory for use by other programs.

        QUIET -   This option prevents the display of informational messages to the screen.

    b. GVPConfigMem -   This program must be executed before SetPatch in the Startup-sequence. It is required to properly configure expansion memory on the A4000 G-Force040. Do not try to execute this program any other way or the system will crash.

3. The SystemInfo drawer

    a. GVPInfo -   This program provides in-depth information about the various expansion products installed into the Amiga, CPU and RAM operations, and other useful information that can be helpful to have handy when calling GVP's Technical Support department for help.

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