

Progressive 040/3000 RAM Replacement Instructions

This kit will allow you to start using your Progressive 040, 68040 accelerator card, prior to the release of the updated Super DMAC and RAMSEY chips.

Warning: *The following procedure should be performed by an authorized Amiga Service Center. Performing this procedure yourself may void your warranty.*

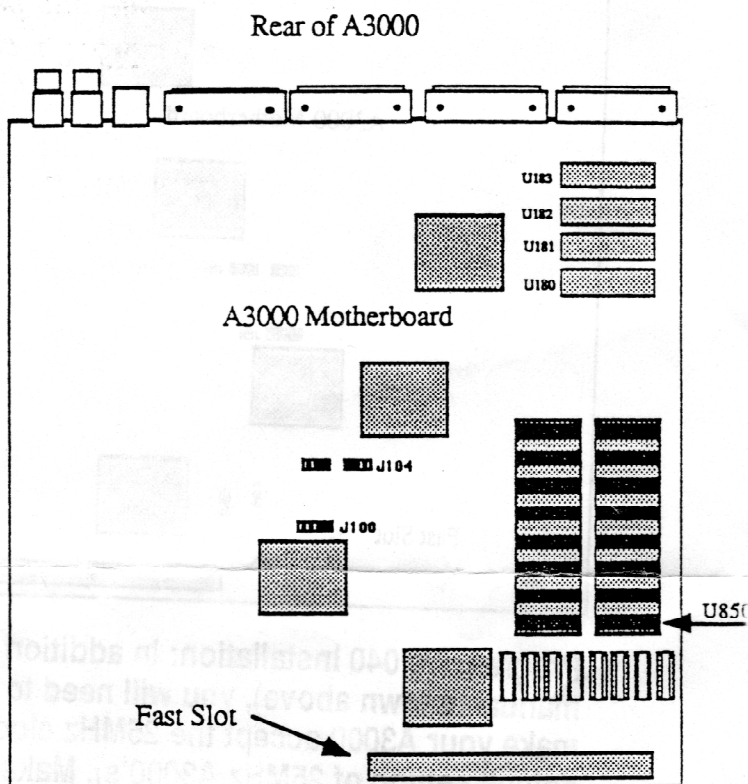
The Progressive 040 / 3000 kit consists of a replacement "zip" package RAM, and these instructions.

Read the Hardware Installation starting on page 4 of your installation manual and follow steps 1 through 3 on page 5. Orient the A3000 motherboard so that the Fast Slot connector is nearest you. Locate the two banks of RAM sockets in front of the Kickstart chip positions. The first RAM position on the right bank of sockets is labeled U850. Locate this RAM (ZIP) socket position. Replace the current 1M x 4 DRAM with the Page Mode 1M x 4

DRAM provided. This prevents the Static Column Bit in RAMSEY from being set for the 68040. A3000's can not use Static Column mode until the new Super DMAC and the new RAMSEY chips are available from Commodore. At that time, you can replace the Page Mode RAM with your old Static Column Ram to take full advantage of Static Column Mode.

Note: *If this RAM position currently contains a 256K x 4 chip, you will need to purchase a 256K x 4 Page Mode RAM. We have provided only the 1 Meg version, as this is the most popular chip in use on the Amiga 3000.*

After the Page Mode RAM chip is installed, proceed with the Progressive 040 installation as described in your manual.

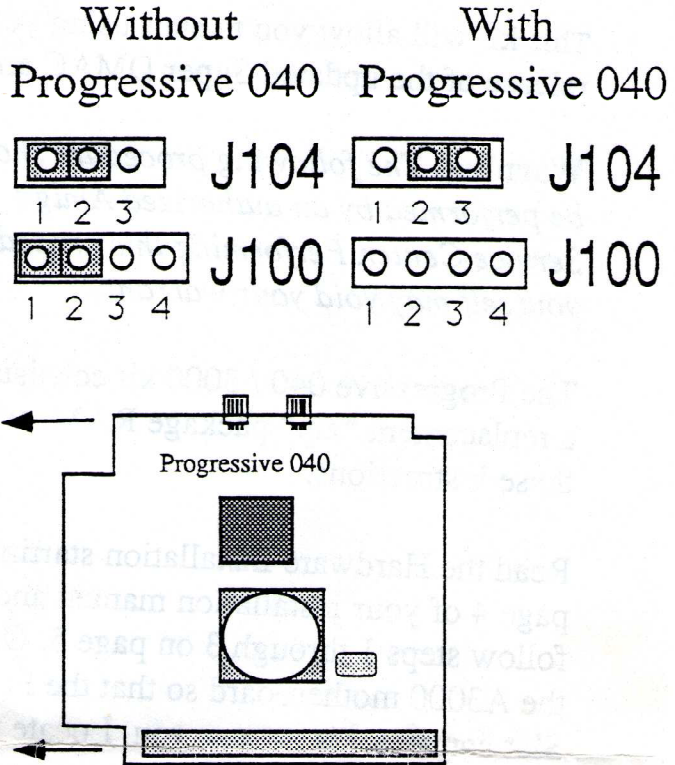
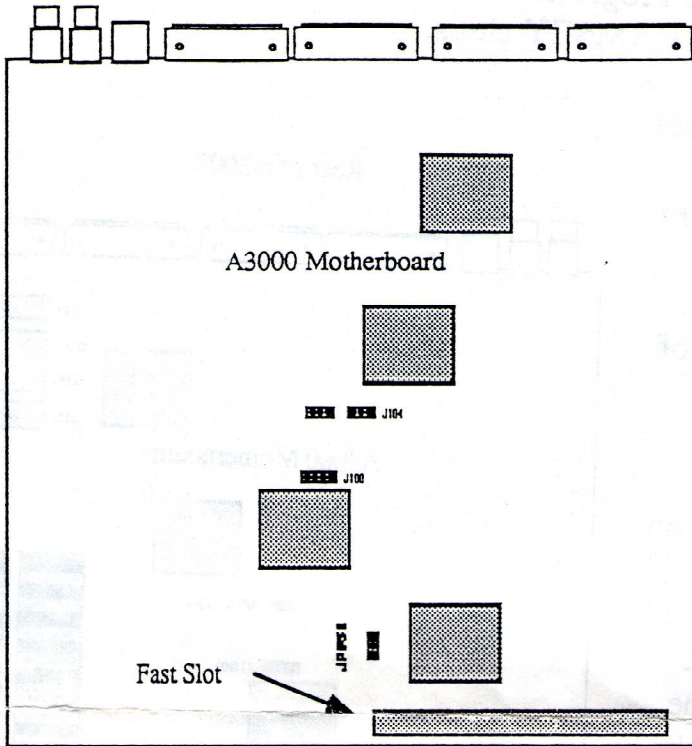


PROGRESSIVE PERIPHERALS & SOFTWARE

464 Kalamath Street • Denver, Colorado • 80204 • Ph. (303) 825-4144 • Fax (303) 893-6938

Attention 16MHz A3000 users:

Rear of A3000



Progressive 040 Installation: In addition to the two jumper changes mentioned in the manual (shown above), you will need to change jumper JP851 (also called J851) to make your A3000 accept the 25MHz clock signals on the Progressive 040 (this is the default setting of 25MHz A3000's). Make the change as shown below.

16 MHz
A3000's
Only



JP851



JP851

Switch: Because the change between 16MHz and 25MHz is made by setting a hardware jumper, it is not possible to use the *Switch* program to boot your A3000 using its 68030 processor. This should not be a problem because most programs that run on the 68030 also run on the 68040. Those that do not will usually run by changing the '040's data cache method from "CopyBack" mode to the "Writethrough" mode which is used by the 68030. Please refer to your installation manual for further details on these two data cache modes.