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INSTALLATION

INSTRUCTIONS

BBC A3000
MEMORY
UPGRADE
CA011 (1MB)
CA012 (4MB)

* * * * Please note that fitting this memory upgrade may invalidate your warranty. It is suggested that this upgrade should be installed by your local service agent to maintain warranty of the system. * * *

Before dismantling your A3000 please read the following instructions carefully:

Disconnect computer from all peripherals and the mains supply.

REMOVING THE TOP COVER FROM THE COMPUTER

a.) Place the computer keyboard side down: Carefully remove the centrally located screw which can be found directly in front of the serial number label:

b.) Turn the computer so that you can work on the back (Repositioning the computer keyboard side up:) On each end of this rear face are two fixing screws which hold the top cover clips in place: Remove these screws, washers and square spacers: (The square spacers are seated in between the top cover clips and the computer:)

c.) The two plastic top cover clips are now free: Whilst pressing the clips in towards the computer, gently raise the cover by 5cm at the rear, thus allowing the clips out of their guides:

d.) Gently raise the front edge of the top cover to release the front lugs from their recesses: The top cover should now be free and easily removed:

DO NOT HINGE THE LID FROM THE REAR AS THIS WILL RESULT IN BREAKING THE FRONT RETAINING LUGS.

INSERTING THE MEMORY BOARD

a.) Lift the keyboard off its mounts, and move it towards the front of the machine, approximately 10-15mm: Care must be taken to avoid damaging the interconnecting cable:

b.) The memory board has three connectors, check that they are all in a straight line:

c.) Locate the pin connectors marked "ram expansion" which is situated between the keyboard and disk drive on the A3000 motherboard: The memory board will only fit one way: Carefully align the board with the pins and using little pressure locate the board onto the pin connectors: Once aligned, press firmly and evenly so that the board lowers squarely into place:

d.) Reposition the keyboard onto its guides:

REPLACING THE TOP COVER

a.) Insert front lugs, then carefully align the top cover ensuring that the plastic clips are in their guides: Refit the square plastic spacers behind the clips, insert the screws with their washers and tighten:

b.) Turn the computer keyboard side down: Replace the centre screw and tighten:

TESTING

a:) Reconnect the system and power on: The sign on message should read RISC OS 2048K on the 1MB version and RISC OS 4096K on the 4MB version:
The system is now ready for use: