

ROM FITTING INSTRUCTIONS

Fitting any new ROM chip requires the removal of the cover, keyboard and perhaps some of the existing ROMs. It is assumed that you have a new Operating System fitted in your machine as all ROMs require this. SWITCH OF YOUR MACHINE BEFORE PROCEEDING.

To fit the chip, unscrew the four screws labelled 'FIX', remove the cover and unscrew the keyboard. On the bottom right hand side of the main circuit board there are five 28-pin sockets, for reference we shall label these A to E from left to right. The Operating System is already plugged into socket A and BASIC (serial no. ending B01 or B05) is usually found plugged into socket B. There may also be some other ROMs plugged into the remaining sockets such as the Disk or Econet Filing System.

When the machine is first switched on (or after a hard BREAK) it looks at each of the sockets, from right to left, for a language ROM. Therefore to ensure that the machine starts in BASIC you should remove the BASIC ROM and insert it into socket E. Removal is best achieved by placing a screwdriver under the ends of the chip and gently twisting. When re-inserting the chip make sure that the small notch at one end is pointing to the back of the machine. Now the new ROM can be inserted into any one of the empty sockets, again making sure that the notch in one end points to the back.

When everything is inserted and checked, put the keyboard back in position and switch on. The computer should then bleep. If, however it emits a continuous sound, switch off and re-check that all pins on the chips have gone into their sockets, making sure none are bent underneath. If the fault is still present, contact either your nearest BBC dealer or Computer Concepts. If the computer works normally, typing *HELP should list all the ROMs which are fitted into your machine with the exception of BASIC.

N.B. It has come to our attention that some Model B's and upgraded Model A's do not switch between ROMs. This is because I.C.76 (a 74LS163) is not fitted or wire links s12 and s13 are not cut (open circuit). Therefore to enable the paging ROM's, I.C.76 has to be fitted and links s12 and s13 have to be cut. This should already be done on a Model B.