

CHANGING THE COLOUR OR GREY SCALE

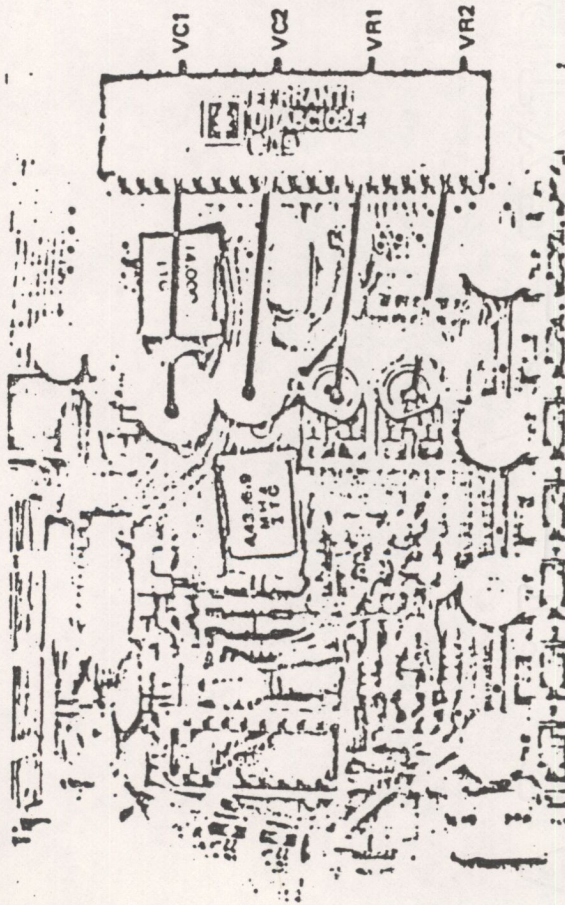


FIG 9b — VIDEO CIRCUIT SHOWING ADJUSTMENT CONTROLS

The easiest way to vary the colour is with the colour control on your television. Similarly for grey scales, adjust the brightness and contrast on your TV. The following paragraph explains how to vary the colour settings inside the Spectrum. This ONLY applies to a colour (or grey scale) CHANGE, if there is no colour at all then refer to chapter 13.

To adjust the colour setting (or grey scale), you will need to open up your Spectrum by removing the 5 retaining screws which are accessible from the underside of your computer. Having unscrewed the case you should put a display showing all of the colours and shades onto the screen. The program on page 109 of your BASIC manual is suitable for this. Now you can carefully adjust VR1 and VR2 using a screwdriver. The positions of these two adjustment presets are shown in Appendix D and in fig 9b. Watch the colours on the screen as you vary the settings. This will give you a feeling for the effect of each control. VR1 varies the red — yellow amplitude and VR2 varies the blue — yellow amplitude. VR1 has to be varied in conjunction with VR2 to vary the green level. How you eventually set the colour (or grey scale) is purely a matter of personal preference.

SCREW HOLE FOR VC1

ISSUE 2 BOARD

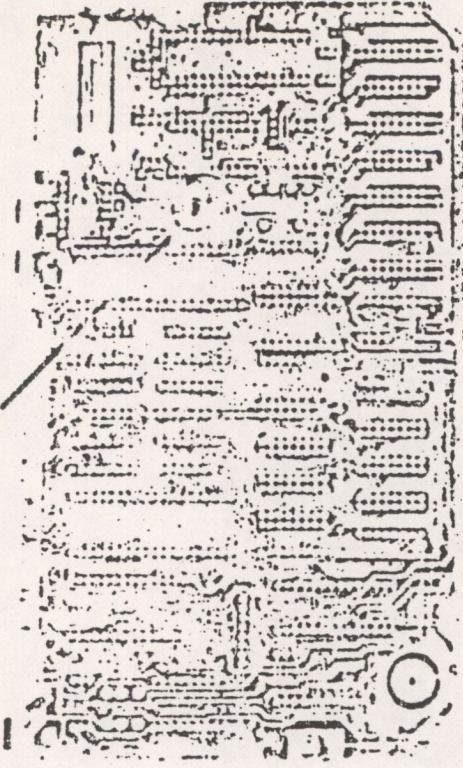


PLATE 10 — PHOTO OF SCREW HEAD FOR VC1