


Warning! When power is supplied from the computer, high voltages are present on the backlight control board item 20 and the lamp and diffuser assembly item 32.

Note! Cleanliness is essential in the assembly of this display panel.

Notes

- LCD display panel item 38 must be central and perpendicular within display frame item 17. Remove protective film from LCD panel prior to closing plastic enclosure.
- Springly lubricate both sets of hinge lamella with grease item 40, avoiding contact with painted surfaces.
- To assist assembly, affix insulator item 33 to display frame using solid tack adhesive e.g. Henkel *Pritt*™ adhesive stick.
- Route wires to fluorescent tube (part of item 32) through slots in internal wall of display carrier item 16 – see detail 'B'.
- Abut concave face of washer item 31 to plastic, convex face to spacer item 27/28.
- Fit insulating washer item 34 and spring clip item 22 over flats on potentiometer shaft, but with the clip tilted and offset to one side – see detail 'D'. Gently and carefully screw thumbwheel item 13 fully into potentiometer shaft (typically three full turns). Slide the spring clip laterally into place, and then rotate the thumbwheel gently until the spring clip clicks into place. Little if any of the spring clip should be visible from above when it is correctly positioned.
- Gently bend the 68pF 2kV axial-leaded capacitor down onto the backlight control board item 20 prior to closing the plastic enclosure.
- Tighten long hinge pin item 7 to approximately 18Ncm.
- Tighten short hinge pin item 6 to approximately 5Ncm. After assembly, adjust both hinge pins if necessary until display panel will hold under gravity in any opened position.

0190,009/A

SCALE	N.T.S.	ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED			<p>Copyright of this drawing is reserved by ACORN COMPUTERS LTD. It is issued on condition that it is not copied, reproduced or disclosed to a third party, either wholly or in part, without the consent in writing of ACORN COMPUTERS LTD.</p> 	<p>© COPYRIGHT 1992 ACORN COMPUTERS Ltd FULBORN ROAD CHERRY HINTON CAMBRIDGE CB1 4JN</p>	TITLE		
MATERIAL	SEE APPROPRIATE PARTS LIST						A4 DISPLAY ASSEMBLY		
FINISH									
WHOLE No. TOL.		DECIMAL No. TOL.		ANGLE TOL.					
±1mm		-		-		ACORN COMPUTERS Ltd		A1	DRG. No. 0190,009 /A