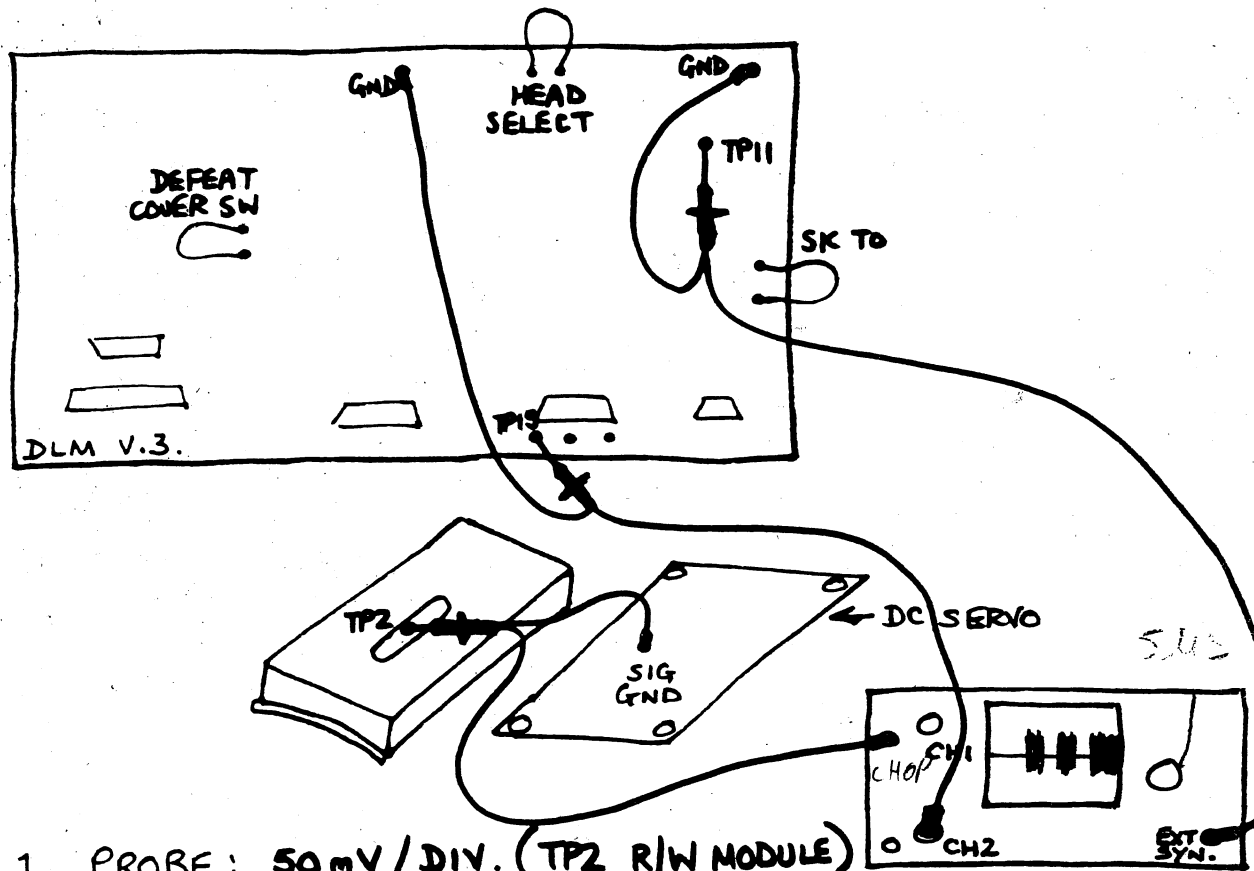


HEAD ALINEMENT ON RLO2 USING VERSION 3 DLM



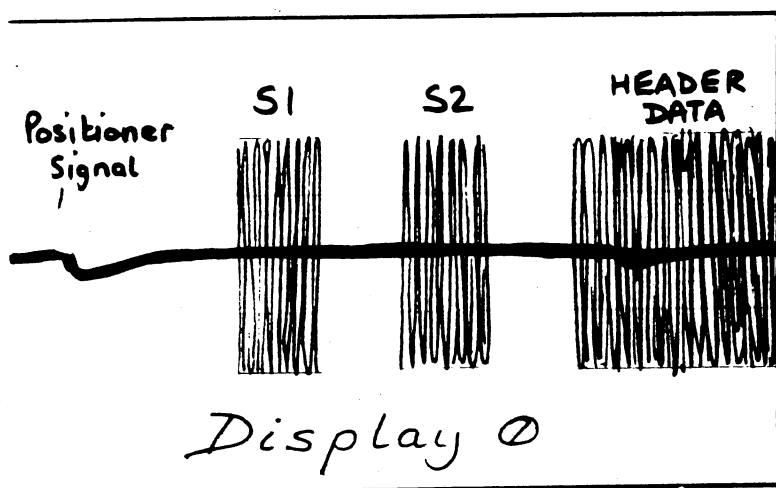
- CHANNEL 1 PROBE: 50mV/DIV. (TP2 R/W MODULE)
 GROUND: ANY SIGNAL GROUND
- CHANNEL 2 PROBE: 2V/DIV. (TP15)
 GROUND: ANY SIGNAL GROUND
- EXTERNAL SYNC. PROBE: (TP11) EXTERNAL TRIGGER (AC COUPLING).
 GROUND: SIGNAL GROUND DC SERVO MODULE

- 1) Install the bottom head (HEAD 1) and before tightening slide head off the end stop by approximately 1mm.
- 2) Install the top head (HEAD 0) and tighten only finger tight at this time
- 3) Load 'BLUE REFERENCE PACK', link head select terminal with a jumper this will select the bottom head. Spin the drive up and the heads will load on to the pack with

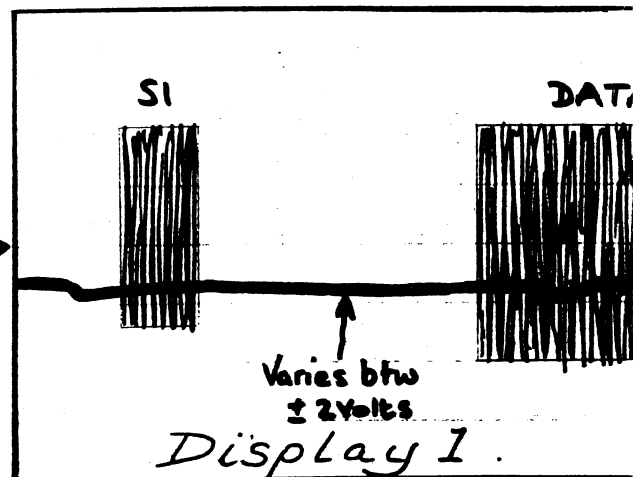
the bottom head sitting directly over track 0

4) Disconnect the RED wire from the DC servo module to the Positioner. (This will allow the heads to move freely over the pack, so be careful not to move the head off track 0)

5) Remove the head select jumper, The oscilloscope display will show where head 0 is sitting. Adjust the top head outwards until the display matches that of the original display for head 1.



Head directly over track 'n'



When selecting head 0 after head 1 directly over track 0, this type of display should be seen.

Adjust top head outward until it is the same as display 0.

Be careful to make sure the top head is over track 0, its easy to go to far and line it up over the wrong track.

Positioner Signal

Outer Guard band: +8 V.

Inner Guard band: -8 V.

Before track: -2V rising.

After track: higher than 0 Volts.