

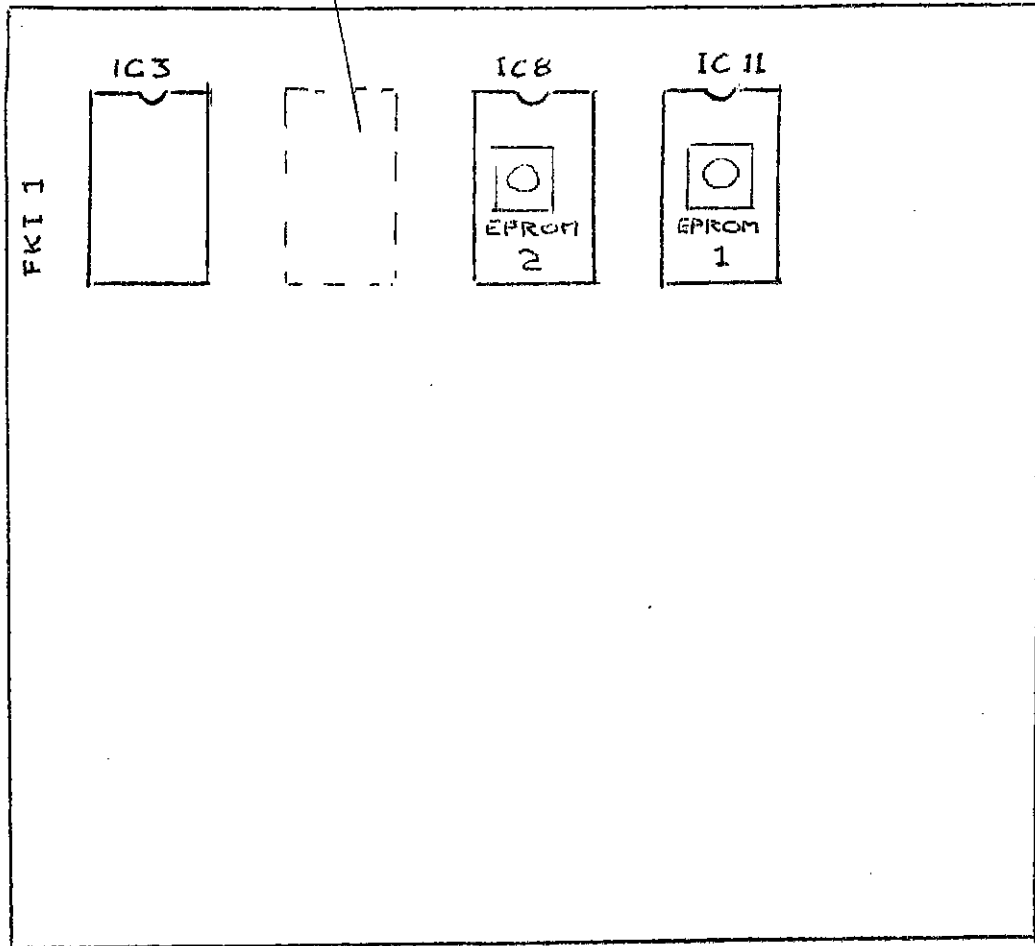
Northern Instruments (Leeds)

Instructions for changing EPROM 1 & EPROM 2 to latest program standard.

- 1) Switch off power to DIGICARB 3.
 - 2) Open front panel to unit exposing electronic module unit.
 - 3) Disconnect cable to Printer Unit at rear of electronic module.
 - 4) Remove 3 mm nuts & back plate. Back plate will need support to remove strain on ribbon cable to microprocessor PCB.
 - 5) Remove 5 way connectors between input amplifiers (2 off) and A/D PCB.
 - 6) Remove spacing pillars and input amplifier assembly.
 - 7) Remove all connectors on A/D PCB noting position for re-assembly.
 - 8) Remove pillars and A/D PCB.
 - 9) Microprocessor PCB is now exposed. The EPROM I.C's for programming DIGICARB are:-
 - position IC 11 - Eprom 1.
 - position IC 8 - Eprom 2.
- The position is shown on the attached diagram.
- 10) Before removing & replacing any I.C's the operator must be effectively earthed using the equipment supplied. This is to remove static charges which could destroy the I.C's.
 - 11) Remove EPROMs 1 & 2 from the positions shown & replace with the updated I.C's as supplied. (Note: replacement I.C's will fit into the sockets with ease if the I.C's pins are first made parallel on each side of the chip).
 - 12) Replace all panels in reverse order making sure that all connectors are with mating sockets.
 - 13) Switch on DIGICARB and check through calibration procedure before using equipment for measurement.

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NO IC IN THIS
POSITION.



MICROPROCESSOR PCB.

DIGICARB 3/ DIGIREAD 3

NI/MIC/OI/DC3

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