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Revolution Not Evolution

ASIG

DIPTRONIC™

CPU (DIP200)

SOFTWARE UPGRADE INSTRUCTIONS



Issue B Jan 2008



These instructions apply to the upgrade of the Diptronic CPU (DIP200) software:

Ensure the software update is performed in a dry area. All EPROM handling must be carried out by an approved electrical technician. Liquip accepts no responsibility for EPROM's installed by unqualified personnel.

1. Power on printer.
2. Insert paper into the printer.
3. Hold the NEXT and PRINT buttons at the same time to print a calibration report ticket. Feed extra paper into printer as required.
4. Use DipRecall 3.04 Windows application to read calibration data from the CPU and save it into the file.
5. Disconnect power from the CPU.
6. Remove calibration seal from front panel of CPU. Refer figure 1.
7. Remove 4 retaining bolts from CPU front cover.
8. Remove CPU front cover to expose EPROM. Refer figure 1.
9. Remove EPROM from the CPU using dedicated EPROM removal tool (by approved electrical technician). Refer figure 2.
10. Carefully insert new EPROM into the CPU (by approved electrical technician). Make sure it is oriented correctly when inserted (the same orientation as the removed EPROM) and ensure no pins are damaged when pushing into place.
11. Replace the lid. Carefully slide into place so as not to damage wires in terminal block. Ensure the gasket is seated correctly.
12. Bolt the lid into place. Tighten each bolt to 6-7Nm torque.
13. Power up the CPU, wait for initialisation to complete.

14. Use DipRecall 3.04 application to load the previously saved data into the CPU.
15. Refer to the Diptronic software manual, check and if necessary manually adjust settings of BLOCKING DISTANCE and TIME INTERVAL.
16. Hold the NEXT and PRINT buttons at the same time to print a calibration report ticket. Feed extra paper into printer as required.
17. Compare the calibration ticket printed in step 3 with the ticket printed in step 16. Other than SOFTWARE, FID.TICKS, NO.OF TICKS and INT.TICKS, all the data should be the same. If not, contact Liquip for assistance.
18. Re-seal the CPU.

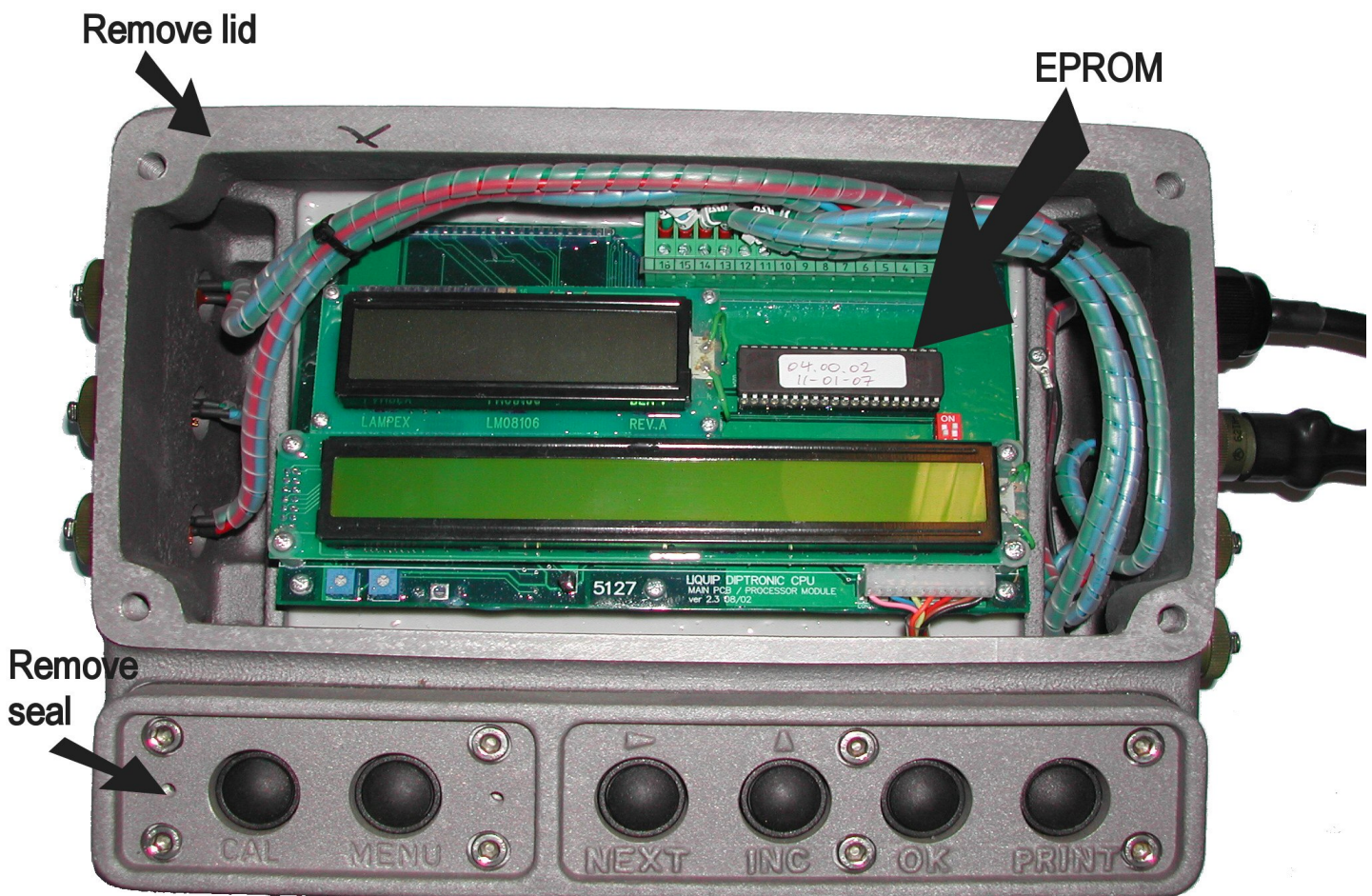


Figure 1— Remove sealed for calibration label & remove CPU lid to expose EPROM.

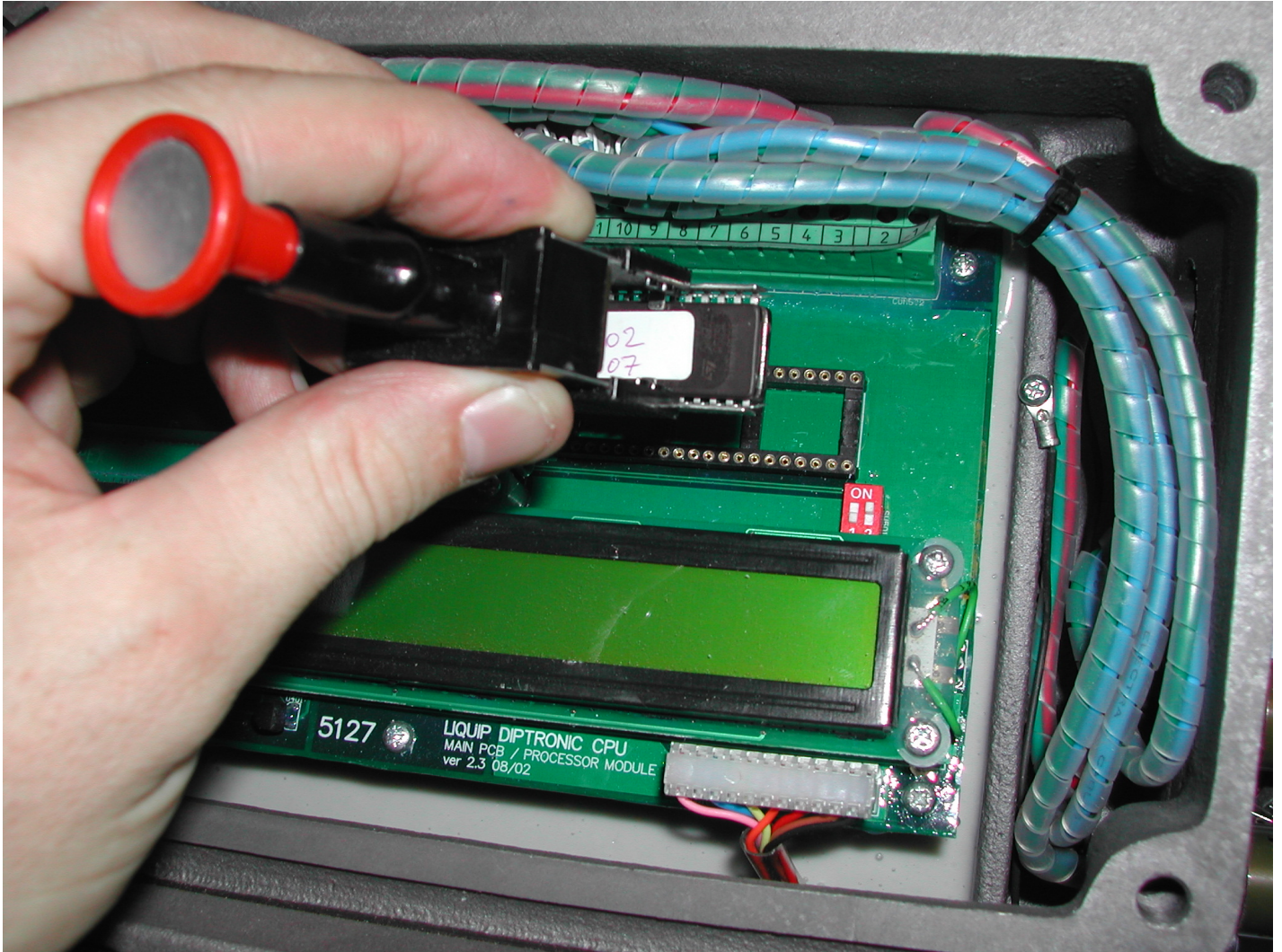


Figure 2— Remove EPROM via dedicated EPROM removal tool.



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