

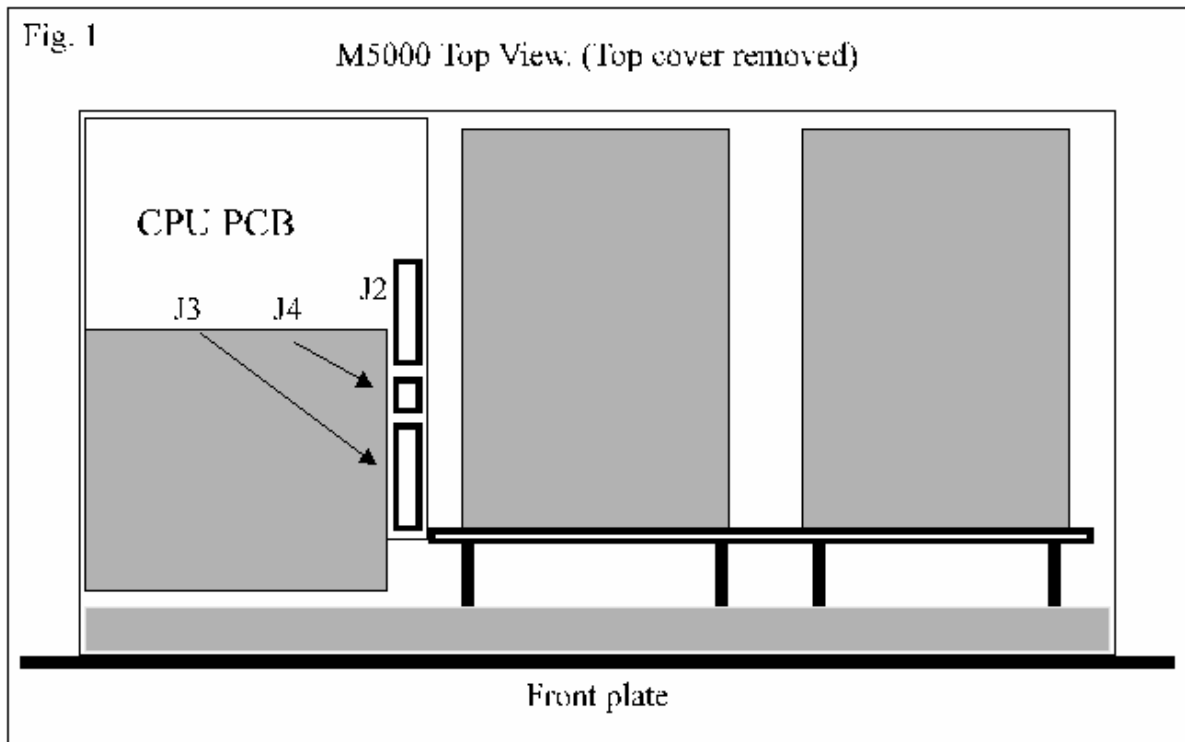
Service Note		
Product	Description:	Service note no.
M5000	Modification to avoid E04 when warm	71210T057

This modification concerns only M5000s with serial no. **between 280000 and 281720**.

A combination of warm environment, low main voltage and electrically noise might cause the error message E04.

To avoid this problem the following modification at the CPU PCB (M5000-x) is necessary.

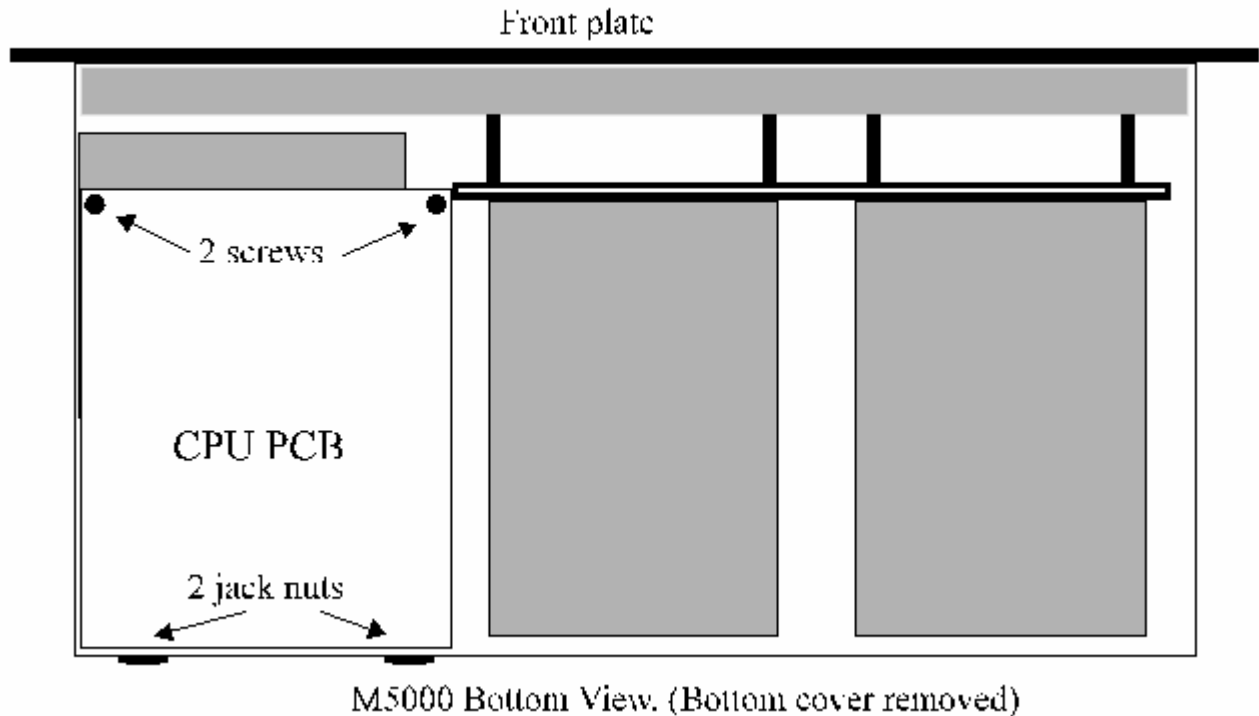
1. Disconnect power
2. Remove the top cover and the bottom cover.
3. Remove the 3 cables to the CPU-PCB. The 3 cables are connected to J2, J3 and J4. See fig. 1.



4. Remove the CPU PCB by unscrewing 2 screws on the solder side of the PCB and by unscrewing the 2 jack nuts. See fig. 2.

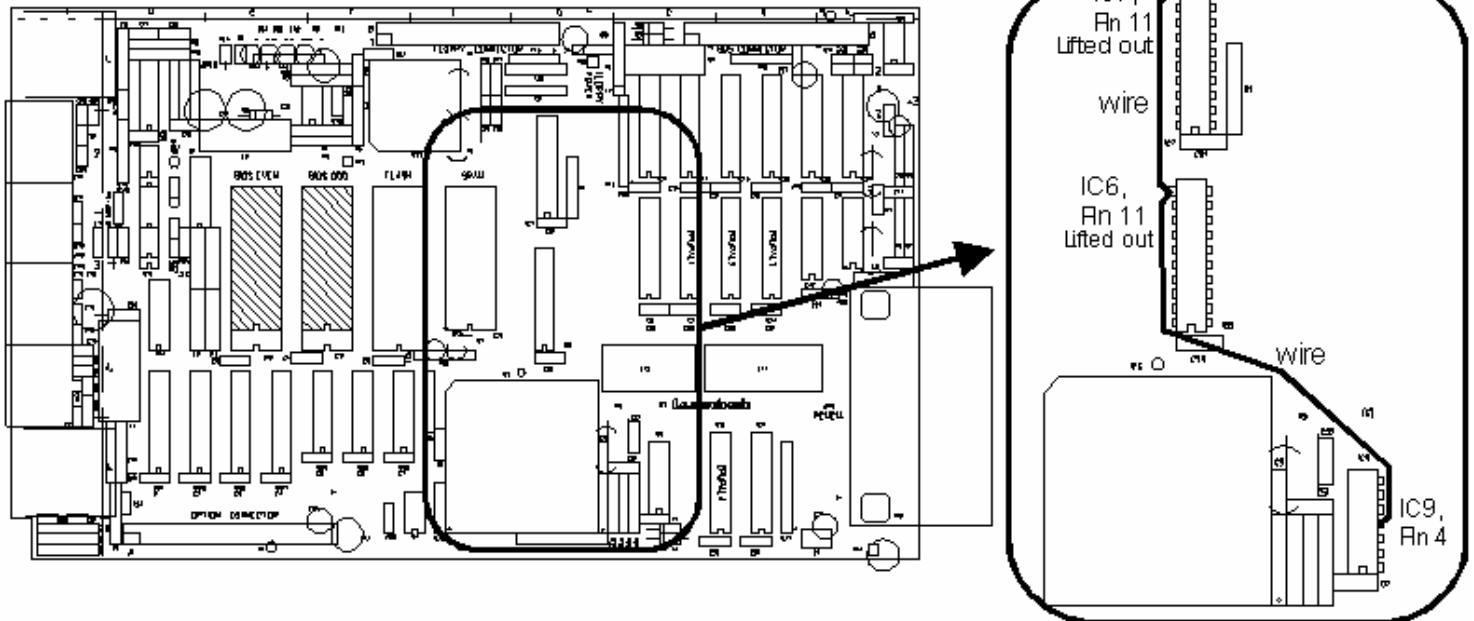
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Fig. 2



- Lift out (carefully) pin 11 at the two chips called IC6 and IC7 on the CPU PCB. See fig. 3.

Fig. 3:



- Solder a wire from IC6 pin 11 (lifted out) to IC9 pin 4.

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7. Solder a wire from IC6 pin 11 (lifted out) to IC7 pin 11 (lifted out).
8. Mount the CPU PCB again with the 2 screws and the 2 jack nuts.
9. Mount the 3 cables again.
10. Mount top and bottom cover.

About the schematics.

After this modification the signal called AS* is no longer connected to IC6 and IC7.

Instead the signal called RAS* is connected to IC6 and IC7.