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Technical Note TN32

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Repairing G68 following a PSU failure

Replace PSU – PA10145 (rewiring input loom as necessary)

Replace five electrolytic capacitors on Motherboard:

- 2 x 1000uF 16V - B29108
- 2 x 2200uF 10V - B29229
- 1 x 100uF 63V - B28107

Replace one electrolytic capacitor on Tuner PCB:

- 1 x 470uF 16V - B23477

Replace two electrolytic capacitors on GOEA PCB:

- 2 x 1000uF 16V - B23102

Start unit with only COM PCB fitted.

Add FICL, CD, EF and GOEA. Check digital output using Calibration mode. Use known good cards to isolate any faulty card(s). Only when this functions correctly should work continue.

Add one card at a time and check functionality each time. Remember to disconnect power every time...

- Analogue input PCB
- Digital input PCB
- Analogue output PCB
- Tuner PCB
- Zone PCB
- S + Composite video PCB
- Component video PCB