

26 February 2007

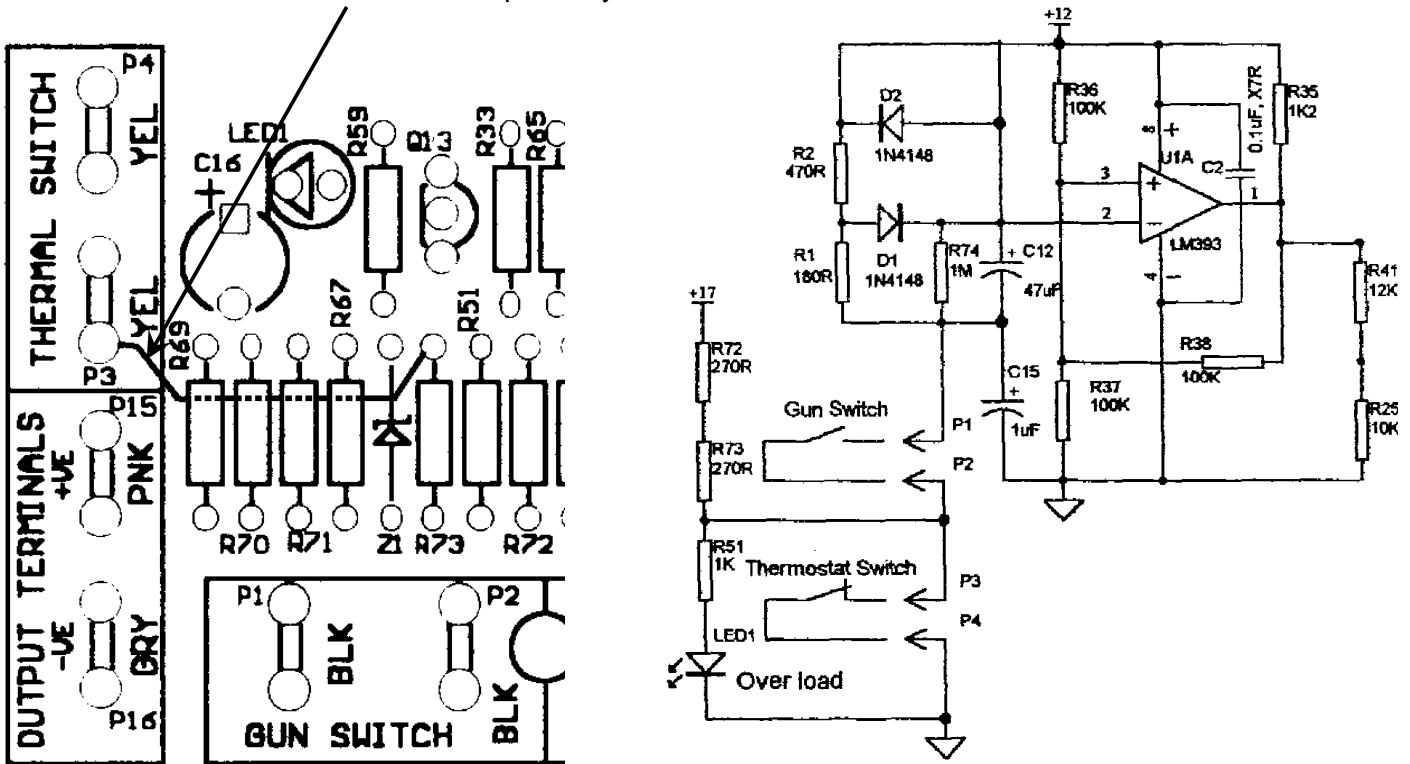
BULLETIN #214

### CP111

#### CP109-12 WIREFEED PCB FAILURE – OVERTEMP LED ON

The CP109-12 wirefeed pcb may fail if welding volts shorts to the trigger wiring. This could happen if the insulation of the power cable inside the gun cable was damaged, if there was damage to the trigger wiring around the euro connection area, or damage to the trigger wiring in any other area. If this happens, the over temperature indicator will be constantly lit with no wire feed or welding current.

This track from P3 to R73 can overheat and go open circuit, or the track from P2 to R73 on the rear of the pcb may fail.



#### Repair

A repair can be achieved by soldering an insulated wire on the solder side of the circuit board between P3 and R73, or between P2 and R73 (depending on where the problem is). Obviously the cause of the problem in the trigger wiring needs to be identified and rectified as well or there will be a repeat failure.

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QUALITY WELDING PRODUCTS, SYSTEMS AND SERVICES

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