

24 March, 1998

BULLETIN #142

SYNCHRO-PULSE CDT 450

ALL MODELS

MAIN PCB RESETTING

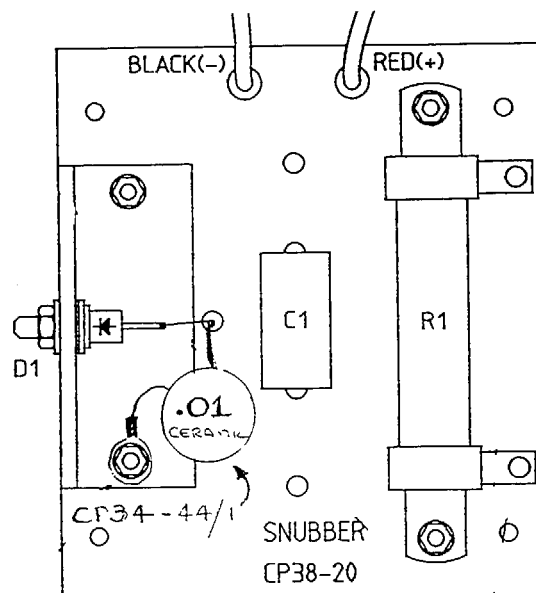
There have recently been a small number of cases where the CDT 450 has been subject to random interruption of normal operation of the main pcb CP38-10 during welding.

In many cases the board self resets and recovers, causing only a brief interruption to welding. In other cases the machine must be powered OFF to fully reset the board before normal welding can be resumed.

The source of the electrical noise has been traced to diode D1 of the main switch snubber circuit CP38-20, and is associated with the faster switching characteristics of some recently received parts.

Fortunately the problem can be readily corrected by the installation of a .01mfd ceramic type capacitor (WIA Part No. CP34-44/1) directly across the diode. Please refer to the sketch below for a suggested method of field installation of the diode.

All CDT machines manufactured from this date will have the capacitor fitted ex-factory.



Gary Cheesman


Equipment Product Manager

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