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BULLETIN #170

CP38

REPLACING THE CPU PCB ON CP38-0 CDT 450

When the CDT CP38 changed from a CP38-0 to CP38-3 (with CC and GMAW Mode), the Transistor Driver PCB (CP38-12) had some important changes made. These changes are detailed in Service Bulletin # 96. At the same time, changes were made to the CPU PCB (CP38-10), detailed in Service Bulletin # 97.

The PCB's can be identified as old style or new style using Service Bulletin #96 and #97.

A CP38-3 can usually be identified by the extra "CC Mode" terminal on the front of the machine. Be aware that the extra terminal may have been added as a field modification, and may not have the modified PCB's.

If a new style CPU PCB is fitted to a CP38 with an old style CP38-12 PCB, it may show problems such as uncontrolled current, spurious display of the "Supply Phase Failure " or "Welding CPU Not Responding" error message.

When replacing the CPU PCB (CP38-10) on an older CP38-0 style CDT, make sure that the Transistor Driver PCB (CP38-12) is later style. If it isn't, replace it with a current version or add the components listed in Service Bulletin # 96.

Parts Compatibility Table:

Part Description	Part Number	Style	Compatibility
CPU PCB	CP38-10	New	Yes
Transistor Driver PCB	CP38-12	New	
CPU PCB	CP38-10	New	No
Transistor Driver PCB	CP38-12	Old	
CPU PCB	CP38-10	Old	Yes
Transistor Driver PCB	CP38-12	New	
CPU PCB	CP38-10	Old	Yes
Transistor Driver PCB	CP38-12	Old	



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