



# Service Bulletin



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BULLETIN # 267

## WELDARC 145I (MC106) & 185I (MC107)

### ERROR CODES AND FAULT PROTECTION

**CAUTION: The following information is intended for use by qualified service personnel. When the unit is energised LETHAL VOLTAGES are present on the electrical and electronic components. It is not intended that persons without suitable training and knowledge attempt to perform service tasks on the components of welding equipment.**

The Weldarc 145i and 185i may produce error codes and cease operation when in use. Although seemingly sporadic, the codes are protection circuit outputs and not considered failures of the machine. Instances of these codes appearing are contributed to by the use of a localised generator power supply.

During operation, the machine may display codes as detailed in Table 1;

Table 1 - Error Codes

Code	145i	185i
E00	Under Voltage < 165V	
E01	Over Voltage > 265V	Over-temperature protection
E02	Over-temperature protection	Over voltage > 265V
E03		Under Voltage < 165V

Should the issue persist with a known 'good' power supply, still displaying error codes. The machine should be presented to a WIA service agent where the usual warranty repair process will apply.

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The information provided in this sheet is accurate and reliable, however no warranty of accuracy or reliability is given and no responsibility arising in any other ways by errors or omissions is accepted.