



Service Bulletin



30/10/2020

BULLETIN # 270

WELDMATIC 250I CURRENT SENSOR

MAX CURRENT OUTPUT – SENSOR LOOSE CONNECTION

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 Weldmatic 250i has seen June and July 2020 produced units fail due to maximum current output. This has been traced to connection of the current sensor tied too far forward of the main control PCB (see figure 1).

Due to the loss of feedback, the current fails to maximum, often associated with creep speed frustration or thermal cut-out indication described by the operator as the main symptom of the fault. Under test, it will be found that the creep function will operate as if no welding output is achieved, though a current exceeding the maximum output of the unit is to be expected.

A visual inspection of the inside of the unit and reconnection of connector XXXX, where the hall device connects to the main control PCB. Re-tying of the sensor (as figure 2) and reconnection of the connector is all that is needed to rectify the fault.

All units found to have this issue are to be reported to WIA through the usual channels, wiaservice@welding.com.au.

Affected serial number:

Affected serial numbers are C1382A0620xxx and C1382A0720xxx

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.



Figure 1 - Hall device tied in tight position

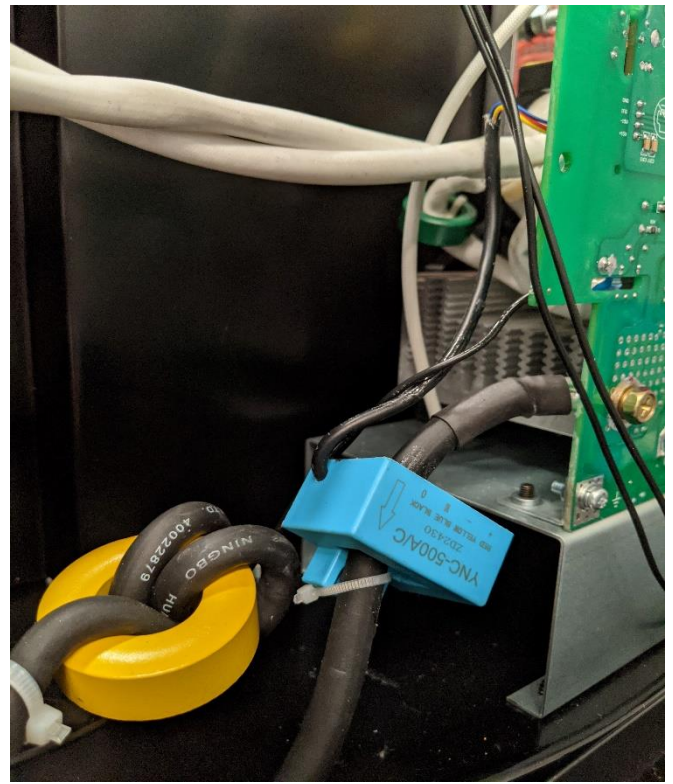


Figure 2 - Hall device tied to correct position

Andrew Stanley
Technical Service Coordinator

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.