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BULLETIN #161

WELDMATIC 250S MODEL CP106-0 (240V) MODEL CP106-1 (480V)

SSR & HEATSINK REPLACEMENT KIT Part 2

In a field situation where the solid state relay has failed in a Weldmatic 250S, a replacement kit, which includes the solid state relay, heatsink and thermostat, is available.

For model CP106-0 (240V version), WIA part number for the kit is **AM291-0**

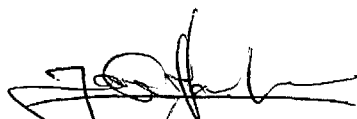
For model CP106-1 (480V version), WIA part number for the kit is **AM291-1**

The purpose of this service bulletin is to highlight the significant difference in the installation details of these two replacement kits.

For the AM291-0, the kit must be fitted so that the aluminium heatsink is in contact with the capacitor mounting panel. This is intended to dissipate the heat away from the aluminium heatsink to the panel.

For the AM291-1, the kit is supplied with two extra M4 spacer nuts so that the aluminium heatsink is isolated from the capacitor mounting panel. This is done to retain the heat generated by the SSR on the heatsink.

If, for some reason, the AM291-0 replacement kit was fitted with the extra spacer nuts, the heat generated by the SSR will not be dissipated quickly. This would result in the Weldmatic 250S cutting out prematurely and not being able to achieve its duty cycle.



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