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BULLETIN # 203

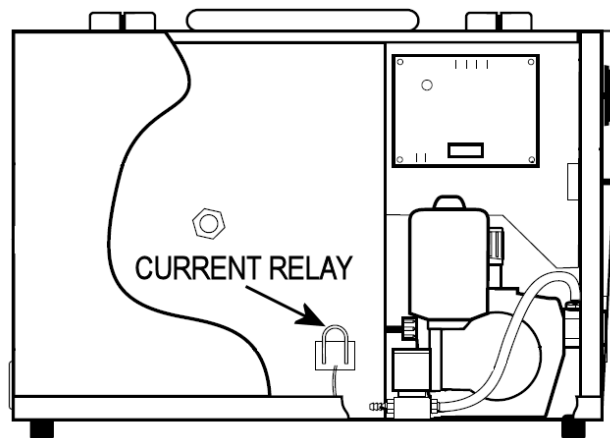
W41-0, W41-1, W55-0 & W56-0

CURRENT RELAY SHORT CIRCUIT – PROCESSOR LOCKUP

If the contacts of the current relay come into contact with welding voltage via either the cable lug or the wirefeed motor, the micro processor on the wirefeed pcb may “lockup”. This generally shows as lack of wirefeed and gas flow when the trigger is activated, however there may be other similar symptoms exhibited. This “locked up” state will continue until the power to the wirefeeder is turned off and on again.

Testing has shown that the fault is most likely to occur when a Weldmatic 395 is connected to a wirefeeder with a W41-11 wirefeeder pcb (W41-12 pcb appears to be not affected). However there have been cases where a Weldmatic 335 has exhibited the same fault. Wirefeeders which are mounted upside down in some type of boom arrangement are also more susceptible as the current relay falls into a different orientation.

If these symptoms are reported, check for shorting to the reed relay contacts. Use cable ties to positively secure the reed relay and prevent the connections from shorting.



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QUALITY WELDING PRODUCTS, SYSTEMS AND SERVICES

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