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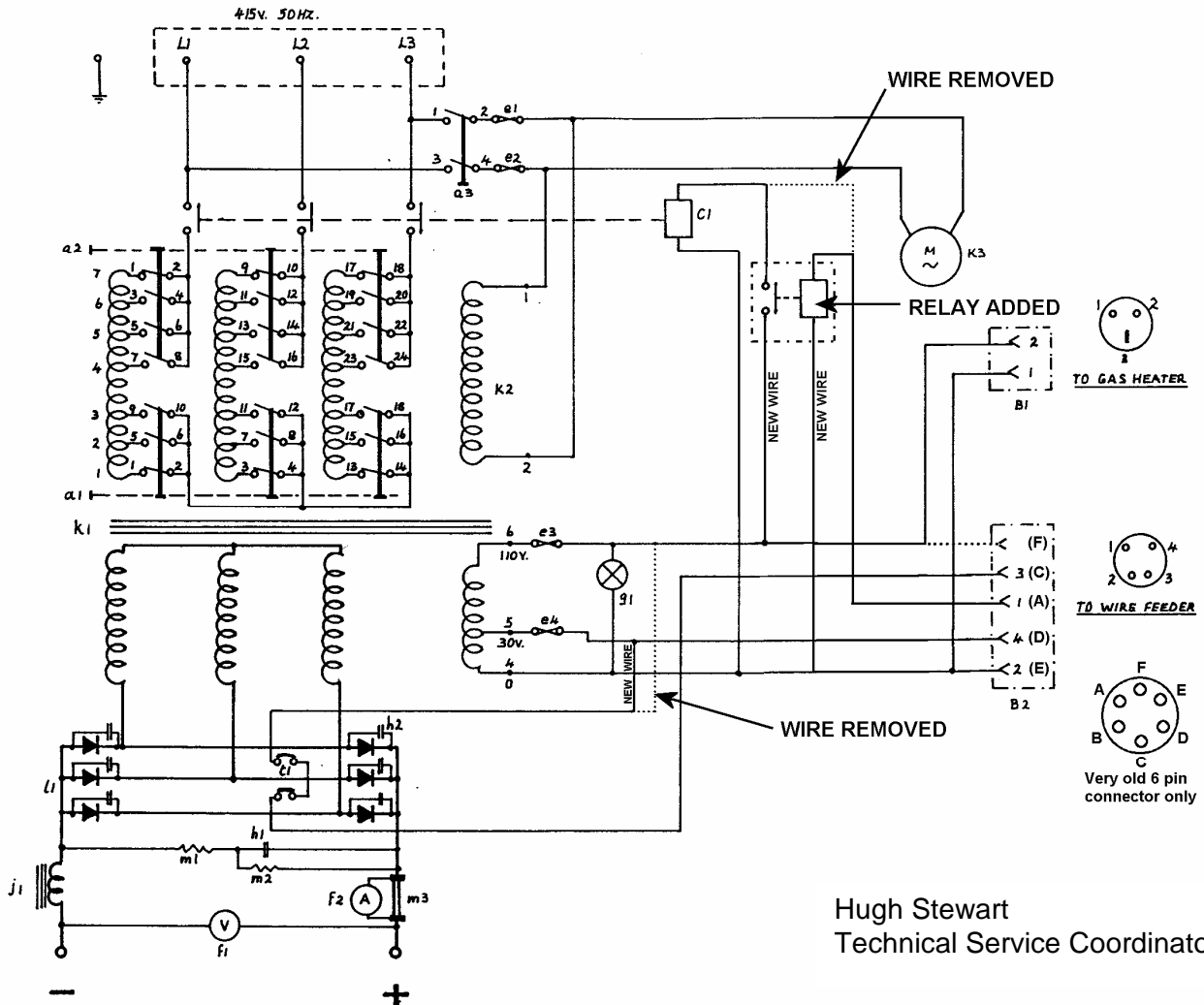
## GENERAL

### FITTING W41/W55/W56 OR W19 WIREFEEDER TO OLDER MODEL WELDMATIC

A W41/W55/W56 or W19 wirefeeder is not suitable to be connected directly to an older power source. Older model Weldmatic machines used 110 volt ac to drive the contactor, whereas the newer machines use a 30 volt ac contactor coil. The more recent wirefeeders (W41/W55/W56 & W19) are designed to switch a 30 volt coil rather than the 110 volt contactor coil used in the older machines.

The following circuit shows the correct addition of a relay to allow an older model Fabricator, CP33 (prior to serial number 33104.xx, manufactured May 1993), to be safely connected to a current series wirefeeder. The modification would be similar for other early Weldmatics which used a 110volt contactor coil. The relay contacts switch the 110 volt contactor coil, with the relay coil being switched on by the wirefeeder. The relay would need to have contacts suitable for switching 110volt ac, and using a 30 volt ac coil.

Another solution would be to replace the contactor in the power source with one utilising a 30 volt coil . For an older series Fabricator the contactor used on the current Fabricator, CP38-0/10 would be suitable.



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QUALITY WELDING PRODUCTS, SYSTEMS AND SERVICES

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