

2 August, 1996

BULLETIN #012


W17 WIREFEEDER

The first production of W17 wirefeeders (circa 1980) incorporated a motherboard W16-12 and speed board W16-11. These were later updated to motherboard W16-21 and speed board W16-20.

If required, the old W16-12 mother board can be modified to the same specifications as the current W16-21, allowing the use of current W16-20 speed boards.

The modifications are detailed in the attached diagram, and comprise the following steps:

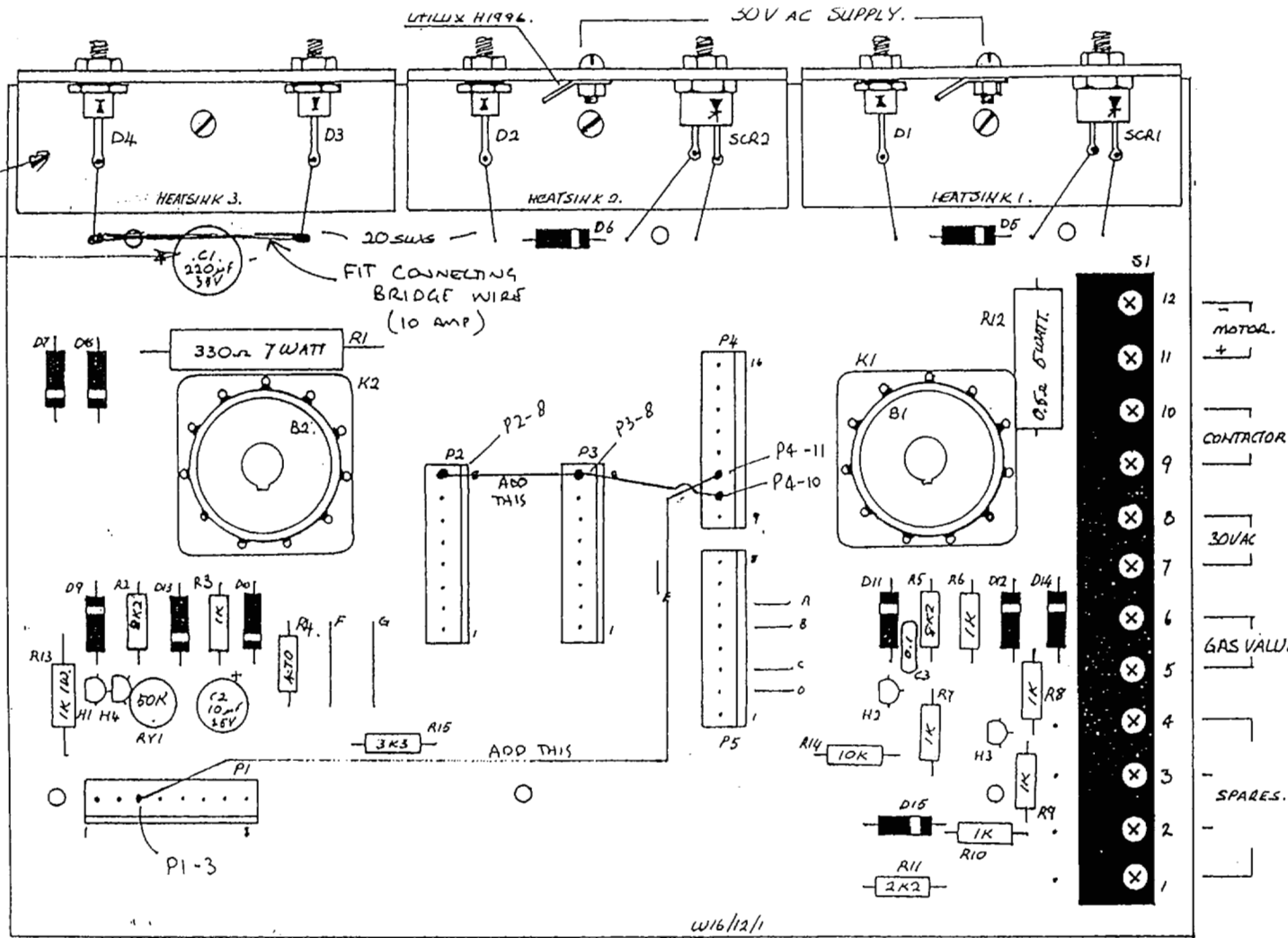
- Link P2/8 to P3/8 to P4/10
- Link P1/3 to P4/11
- Delete heatsink 3 together with diodes D4 and D3, also delete capacitor C1. Fit a link between the two circuit board points where the diode tails were previously terminated.



Gary Cheesman
Equipment Product Manager

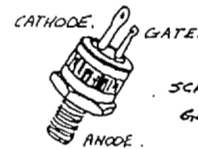
QUALITY PRODUCTS, SYSTEMS AND SERVICES

REMOVE
D3 + D4
AND C1



NOTE 1. A,B,C,D,E,F,G. ARE LINKS OF 22 SWG. TINNED COPPER WIRE.
 - LINKS A AND C SHOULD BE CUT FOR STANDARD MOTOR.
 - LINKS B AND D SHOULD BE CUT FOR HEAVY DUTY MOTOR.
 - LINK E NEEDS TO BE CUT FOR CERTAIN OPTIONS
 - LINKS CONNECTING SCR'S 1 + 2 + DIODES 1,2,3,4. TO BOARD ARE 20 SWG TINNED COPPER WIRE.

NOTE 2. P1..P5 ARE MOLEX PINS. # 2391, BA/1
 P1 ACCEPTS STANDARD LOOM
 P4,P5 ACCEPT SPEED BOARD W16.11
 P2,P3 ACCEPT OPTION BOARDS.



SCR1, SCR2.
6E C2300.

THESE MODS UPGRADES A W16-12 TO A W16-21 WHICH CAN THEN USE A W16-20 SPEED BOARD.

TOLERANCES GENERAL NOTES		WELDING INDUSTRIES OF AUSTRALIA PTY. LTD.	
TITLE		112 DAWES ROAD, EDWARDSTOWN, S.A. 5039	
DRAWN		DATE	
W16-12 WIRE FEED PANEL COMPONENT OVERLAY.		14/10/50.	
CHECKED		SCALE	
REVISION		1:1	
DRAWING No.		W16-12.	
F	E	D	C
A	1-15-51	PE	CHK'D.
ISSUE	DATE	CHK'D.	SCALE

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