

## TITLE

STANDING INSTRUCTIONS

2 7 8 A 3 2 1 6

CONT ON SHEET 6 SH NO. 5

FIRST MADE FOR 44C372690-G01

"ADDENDUM TO T.I. #278A3216. THIS PORTION IS TO BE USED WHEN TESTING WITH NEW CDO TEST CONSOLE."

## REVISIONS

SET-UP

Connect a variable DC Pwr supply positive to Pin 3 and common to Pin 15. This is P.S.1.

(NOTE: PS1 and PS2 are used to provide -VDC inputs)

Connect a variable DC pwr supply positive to Pin 3 and common to Pin 11. This is P.S.2.

*OK pin 2 of 1VR = 9.5 to 10.5VDC  
anode of 1ED = -9.5 to 10.5VDC*

Set 1P CCW  
2P CW  
3P CW  
4P CW  
5P CCW  
6P CCW  
7P CW

TEST

1. Apply  $\pm 15\text{VDC}$  (standard card SW)
2. Set PS1 and PS2 at  $0 \pm .005\text{VDC}$  Turn on but set it 0
3. Adjust 1P and monitor 1TP with respect to common
 

CCW	$0 \pm .02\text{VDC}$
CW	$-13 \pm 1\text{VDC}$

Leave 1P CW
4. Increase PS2 until 1TP =  $0 \pm .1\text{VDC}$   
PS2 should be  $-3.32 \pm .06\text{VDC}$  *-1.57 -1.78 -2.04*
5. Adjust 2P fully CCW  
Increase PS1 until 1TP =  $0 \pm .1\text{VDC}$   
PS1 should be  $-4.98 \pm .06\text{VDC}$  *-3.34 -2.79*
6. Set PS1 and PS2 for  $0\text{VDC}$   
Set 2P CW
7. Set PS1 at  $-3.32 \pm .01\text{VDC}$   
Adjust 1P for  $0 \pm .05\text{VDC}$  at 1TP
8. Reverse polarity of PS2 (+ to Pin 11, - to Common)  
Set PS2 at  $+15 \pm .005\text{VDC}$   
Set PS1 at  $-9.08 \pm .005\text{VDC}$   
Adjust 2P for  $0 \pm .05\text{VDC}$  at 1TP
9. Decrease PS1 until 1TP =  $-7.25 \pm .01\text{VDC}$   
Adjust 7P for  $7.25 \pm .1\text{VDC}$  at 2TP X
10. Increase PS1 until 1TP =  $+5 \pm .005\text{VDC}$   
2TP =  $-5 \pm 0.3\text{VDC}$   
Increase PS1 until 1TP =  $+13 \pm 1\text{VDC}$   
The voltage drop across 13R =  $0 \pm .1\text{VDC}$

DL13

3EL1

1RA2

4QA3

4EK1

PRINTS TO

MADE BY D. E. Rhodes

APPROVALS

DRIVE SYSTEMS

DIV OR  
DEPT.

2 7 8 A 3 2 1 6

ISSUED

5-7-81

D E R

SALEM, VIRGINIA

LOCATION

CONT ON SHEET

6

SH NO.

5

TITLE

STANDING INSTRUCTIONS

2 7 8 A 3 2 1 6

CONT ON SHEET Fl. SH NO. 6

FIRST MADE FOR 44C372690-G01

REVISIONS

11. Decrease PS1 until 1TP =  $-1 \pm .005\text{VDC}$   
 2TP =  $1 \pm 0.1\text{VDC}$   
 Increase PS1 until 1TP =  $+13 \pm 1\text{VDC}$   
 Adjust 6P for  $-5 \pm .1\text{VDC}$  at 2 TP
12. Set PS1 to 0. Set PS2 for 0  
 Set 1P CCW  
 Set 3P CW  
 Adjust PS1 for  $-0.3\text{VDC}$   
 1TP =  $+3.0 \pm .1\text{VDC}$   
 Reverse polarity of PS1  
 1TP =  $-3.0 \pm .1\text{VDC}$   
 Reverse polarity again
13. Set PS1 for  $-3.32 \pm .01\text{VDC}$   
 Adjust 1P for  $0 \pm .05\text{VDC}$  at 1TP  
 Visually check 15C to be 10uf 100VDC
14. Remove all power.

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PRINTS T

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*DEX*

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CODE IDENT I