

NUMBER: 21

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x APPLICATION x SERVICE

SUBJECT: CPU-2000 Display Contrast Adjustment

Some applications of the CPU-2000 Display Module may require a “Display Contrast” adjustment. The initial factory adjustment is set for maximum contrast in the normal range of ambient temperatures, but if the units temperature is elevated, the display segments may start to turn black and a contrast adjustment is required. The procedure to adjust the contrast is as follows:

1. While the unit IS powered, open the Logic Module and remove the shield board from the display board. (on the door)
2. Locate the Display Contrast potentiometer at the center left side of the display board. This is the only potentiometer on the board.
3. The initial factory setting of the potentiometer is full counterclockwise for maximum contrast. Turn the potentiometer clockwise until the display gets lighter. Do this until the display is too light to read. (approximately 4 turns)
4. Turn the potentiometer counterclockwise 1.5 to 2 turns so that the display is reading correctly. This completes the adjustment.