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SERVICE BULLETIN

SUBJECT: MODEL 980, 1000 WEIN BRIDGE ADJUSTMENT INSTRUCTION

FROM: B·I·C TURNTABLE SERVICE DEPARTMENT

The following is the adjustment procedure for the Wein Bridge motor control electronics on the Model 980 and 1000. Refer to the diagram for location of adjustment and test points.

1. The nominal "warm up" characteristic for this circuitry is ten minutes.
2. Approximately center the "pitch" control knob on the top left corner of the base plate (do not be concerned if the strobe image moves at this time).
3. Adjust the oscillator output voltage potentiometer per motor spec (see diagram). Motors with black and white leads should be adjusted for 5 volts AC; motors with red and black leads for 4 volts AC. Besides lead color, most motors also have the required voltage stamped either on the side or on the top.

To measure voltage:

- a. Measure and adjust for required voltage between pins 4 and 6.
 - b. Repeat same procedure at pins 5 and 7 and note amount of any difference. If greater than .3 volts, replace P. C. board.
4. Adjust the frequency potentiometer to stabilize strobe image. (See diagram for location)
 5. Due to interaction with Step No. 4, repeat Step No. 3 until both are within spec.

Diagram Attached

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MOTOR CONTROL BOARD MODEL 980/1000

