

SUPERSEDES:

None

HP MODEL 8690B SWEEP OSCILLATOR
Serials Below 921-00801

RECOMMENDED REPLACEMENTS
for
TRANSISTOR A14Q3 AND RESISTOR A3R63

The recommended replacement for the +20V current driver transistor, A14Q3, in HP Model 8690B Sweep Oscillators, serials below 921-00801, is a NPN silicon transistor, 2N3053, HP Part Number 1854-0039. This new transistor is more reliable and improves the reliability of the +20V power supply.

The recommended replacement for the reciprocal amplifier load resistor, A3R63, in 8690B serials below 921-00801, is a fixed, 121K Ω , $\pm 1\%$, 1/2W, metal film resistor, HP Part Number 0757-0860. This new value load resistor eliminates the need for selecting the reciprocal amplifier tube, A3V1, in order to achieve specified external frequency modulation.

JD/rh/WO

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