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SERVICE BULLETIN #6

OUTPUT TUBE GLITCH MODIFICATION

This applies to all Music Man amplifiers requiring 6L6GC tubes. Due to a change in design characteristics of the Phillips ECG tubes, some Music Man amplifier models will show signs of instability or output glitches when using these tubes. These tubes are identifiable by the double getter arrangement on the top of the electrodes. The instability usually will occur at an input frequency of approximately 70 to 150 Hz as you approach full output. The instability is temperature related and the tubes must warm up approximately 2 to 3 minutes. The glitches occur anywhere on the wave and are not to be confused with crossover distortion which is normal when the output begins to clip, or preamp popcorn noise.

To eliminate the problem, solder a 470k $\frac{1}{4}$ watt resistor from pin 8 to pin 2 on the 6L6 tube socket. Install one resistor for each push/pull pair in 150 watt versions and one resistor per socket in 65, 75, and 100 watt versions.