6JB6 TUBE REPLACEMENT

Dear Customer:

We can no longer obtain the Phillips/Sylvania brand tubes. We can only obtain the G.E. Brand tubes. These tubes will, in most cases, neutralize properly in your TR-4 series transceiver and T-4X series transmitter.

If the new tubes do not neutralize properly, it will be necessary to change the value of the padder capacitor across the neutralization capacitor. In this event, proceed as follows:

CAUTION: DISCONNECT POWER SUPPLY COMPLETELY BEFORE CHANGING TUBES OR ADDING CAPACITOR.

The TR-4 series transceiver presently uses a 12 pf @ 2KV padder capacitor (C77) across the neutralization capacitor (C-76). We have found that by adding a 1.5 pf @ 2KV across the padder capacitor, C-77 that the tubes will neutralize properly.

CAUTION: DISCONNECT POWER SUPPLY COMPLETELY BEFORE CHANGING TUBES OR ADDING CAPACITOR.

The T-4X series transmitter uses a 6 pf @ 2KV padder capacitor (C-48) across the neutralization capacitor (C-49). You must experiment with a small value capacitor across the existing padder C-48 to achieve proper neutralization.

THANK YOU

R.L. DRAKE CO.
SERVICE DEPARTMENT