

SR-2000 TX FIRST MIXER & 2nd 1650 IF AMP IMPROVEMENT.

The 7059 tube was designed for mobile vehicle use. It has a 13v dc filament. **If the filament voltage in the SR-2000 runs on the low side of spec** problems have been noted with the first tx mixer and the second 1650 IF amp.

The problem can be easily solved by replacing V3 with a 6BL8 and V7 with a 6EA8/6GH8. The tube pin-outs are identical. Only the filament wiring needs to be altered.

The filament mod is quite simple.

A, Remove 2 brown wires from V7 pin 5. Splice the two wires together cover with heat shrink tubing and tuck out of harm's way.

B, Remove the ground wire from pin 4 of V3. I recommend complete desoldering of pin 4 and completely remove the jumper wire.

C, Connect a brown/white wire from pin 4 of V3 to Pin 5 of V7. I use a brown wire with a white tracer to differentiate from the 12.6v line. A brown wire with any color tracer will do.

Once again, this action is taken only if the filament voltage has dropped below 12.2vac and the bias and B+ supplies are still with in spec.

