

## SR-2000 TX FIRST MIXER & 2<sup>nd</sup> 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.

