



6. a. Turn the receiver OFF. Remove the (8) 7-pin tubes. Place the color dots near the tube markings on the chassis:

Color	Tubester Type	Will Replace	At	Color	Tubester Type	Will Replace	At
Red	ST101*	(6BF5)	V10	Black	ST105	(6AT6)	V9
Gold	ST102	(6AU6)	V301	Y'low	ST106*	(6BA6)	V6
Green	ST103	(6DC6)	V1	Pink	ST107	(6BA6)	V7
Brown	ST104	(6DC6)	V11	Blue	ST108	(6DC6)	V2

\* ST101A in 75S-3/3A  
ST101B in 75S-3B/C

\* ST106A in 75S-3/3A  
ST106B in 75S-3B/C

- b. STA-3 Clip-on Capacitor: Attach the clip with the plastic boot to the top-most lug of the AGC OFF-FAST-SLOW switch located directly behind the control on the front panel, and attach the bare clip to the dial light cover edge (chassis ground).
- c. STA-4 Mute Jack Adaptor: Install the Adaptor in the Mute jack at the rear of the receiver, and insert the Mute control cable in the Adaptor. If the cable is not terminated in a transmitter Receiver Mute jack, short the termination.
7. a. Install the ST101A or ST101B at V10: Temporarily insert the cased portion in the tube socket, and dress the cable so that the power transistor base plate lies flat on the chassis in front of V10 and V11, noting the position that makes the neatest installation. Remove the Tubester, peel off the paper from the double-stick tape and press the power transistor assembly to the chassis "first", then re-insert the cased portion in V10.
- b. Install the remaining (7) 7-pin Tubesters.

**FUSING NOTE:** Equipment is best protected when fused with the lightest fuse that will hold in normal operation. Either a 1 Ampere wire fuse or a  $\frac{1}{2}$  Ampere Slo-Blo fuse will hold with the Tubesters installed. You may wish to check your fuse now, and change to one of the lighter fuses at your earliest convenience. We prefer the  $\frac{1}{2}$  Ampere Slo-Blo, but the use of Slo-Blo fuses is controversial.

8. Turn the power switch to STANDBY. The receiver should respond instantly.
9. De-tune the Preselector or otherwise eliminate incoming signal, then zero the S-Meter with "S Meter Zero" R13. Assure that RF Gain Control is at maximum for this adjustment. Re-tune the Preselector.