

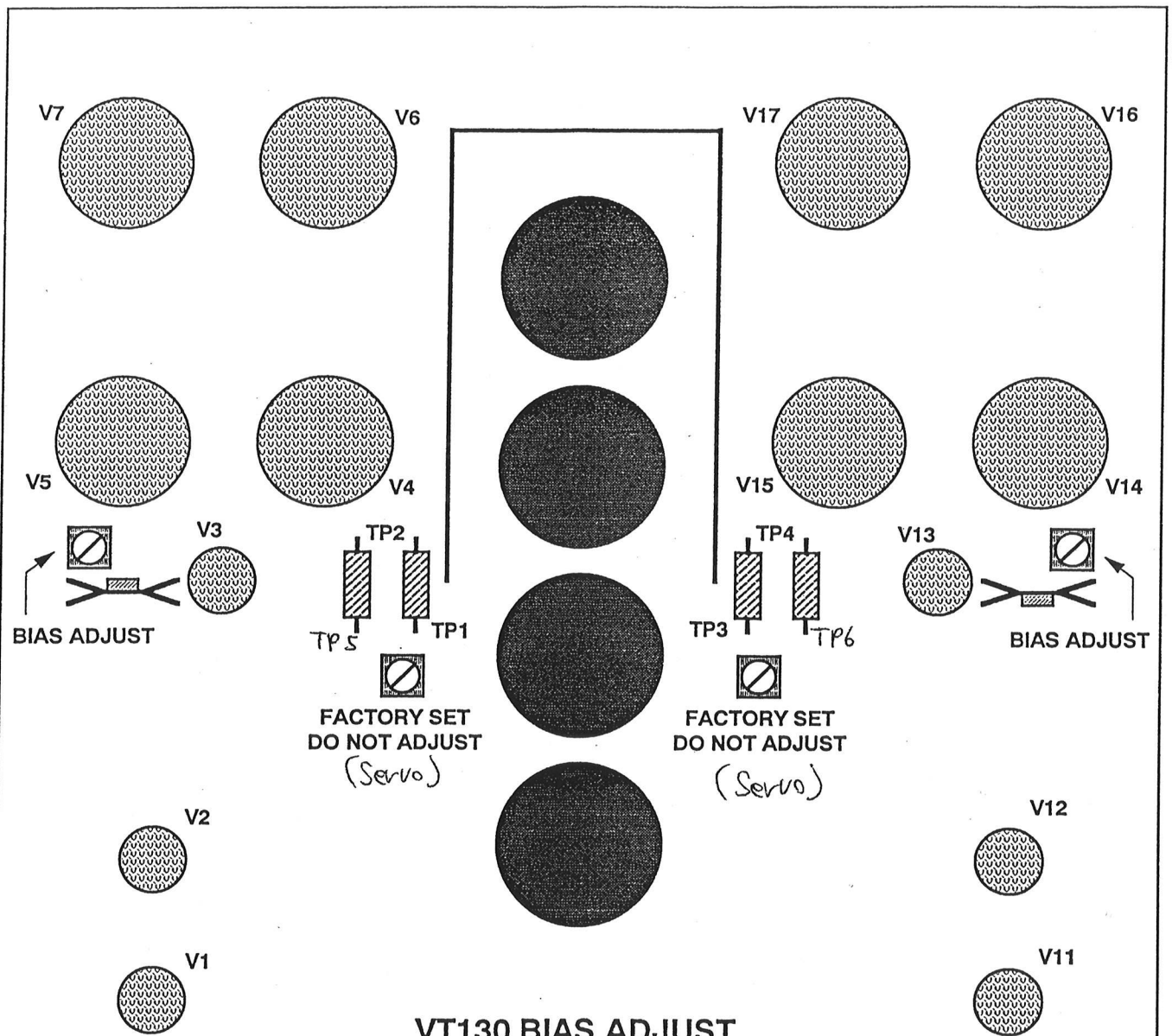
VT130 Servo Balance Adjustment:

* The Servo Balance is set at the factory. Do not adjust unless the balance is off or has been disturbed. This adjustment is for experienced technicians only!

- 1) Set bias across TP1/ TP2 and TP3/TP4 (R38) to 65mV DC at idle when warmed up 20 minutes.
- 2) Move one test probe from TP2 or TP4 (depending upon channel) to the front leg of the outer resistor on each channel (this is the servo test point at front leg of R39). Leave the other probe attached to R38 as in 1). You will now have your test probes attached to the front legs of R38 and R39.
- 3) Very slowly adjust RV1 in each channel for a "null" reading of +/- 0.5 mV DC between servo and non-servo pairs of output 6550s. Note that servo is VERY slow to pull in and you must turn trim pot no more than 1/8 of a turn at a time, then wait at least 5 minutes to see the result after settling. If you rush adjustment, you will get "lost in the woods" and will find it difficult to make servo work again.

This may be what happened to last person to attempt the adjustment.

Model VT130



VT130 BIAS ADJUST

AUDIO RESEARCH 12-13-93

Bias = 65mV, TP-1 to TP-2 and TP-3 to TP-4

Servo Balance = $\leq 0.2\text{mV}$ after 20 minute warm-up:
TP-1 to TP-5 and TP-3 to TP-6

Power 110W @ 1% THD into 16 Ω load @ 1kHz