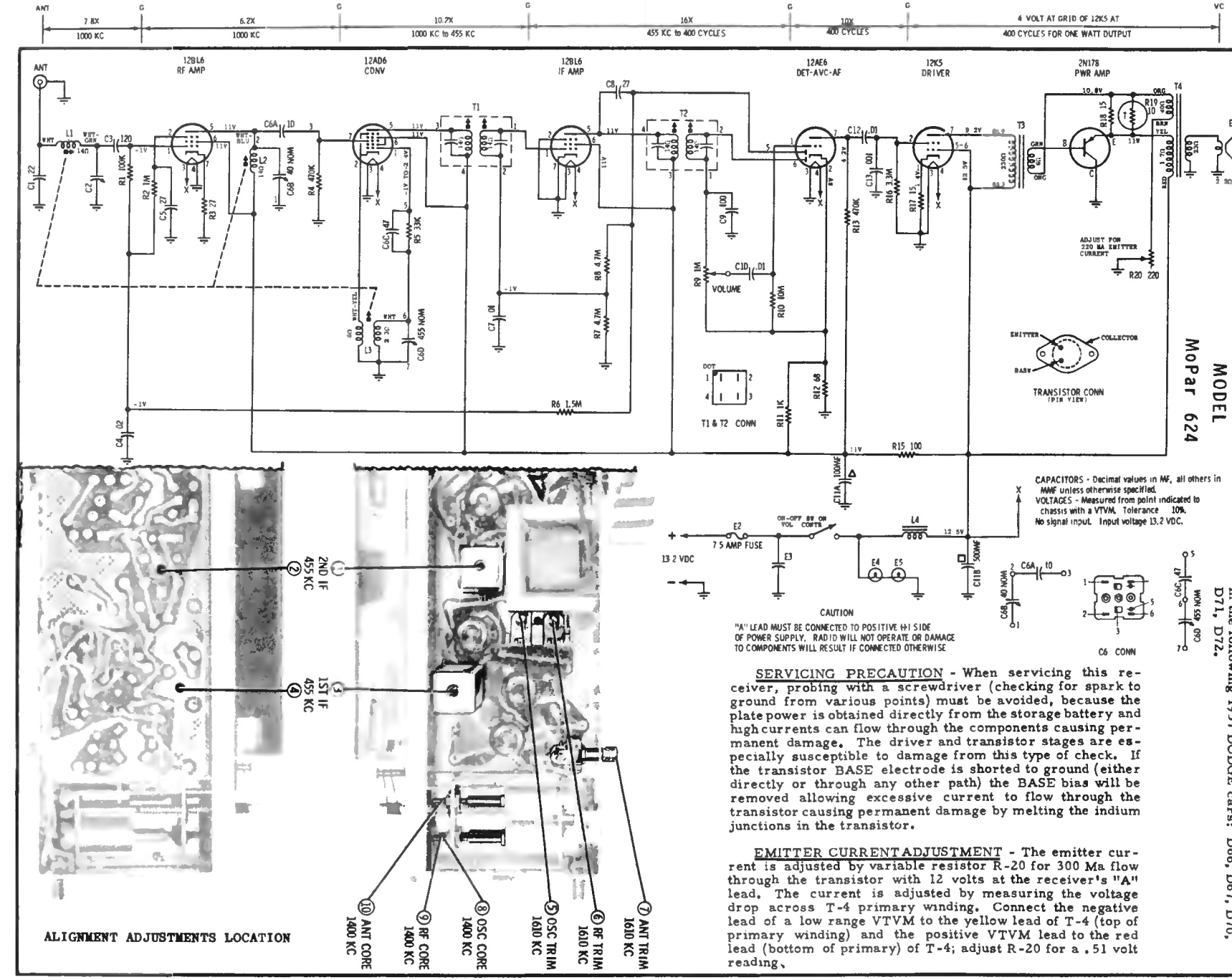

ALIGNMENT ADJUSTMENTS LOCATION

MOTOROLA INC.

MODEL MoPar 624

Automotive type superheterodyne plated circuit chassis receiver designed for custom installation in the following 1957 DODGE cars: D66, D67, D70, D71, D72.

SERVICING PRECAUTION - When servicing this receiver, probing with a screwdriver (checking for spark to ground from various points) must be avoided, because the plate power is obtained directly from the storage battery and high currents can flow through the components causing permanent damage. The driver and transistor stages are especially susceptible to damage from this type of check. If the transistor BASE electrode is shorted to ground (either directly or through any other path) the BASE bias will be removed allowing excessive current to flow through the transistor causing permanent damage by melting the indium junctions in the transistor.

EMITTER CURRENT ADJUSTMENT - The emitter current is adjusted by variable resistor R-20 for 300 Ma flow through the transistor with 12 volts at the receiver's "A" lead. The current is adjusted by measuring the voltage drop across T-4 primary winding. Connect the negative lead of a low range VTVM to the yellow lead of T-4 (top of primary winding) and the positive VTVM lead to the red lead (bottom of primary) of T-4; adjust R-20 for a .51 volt reading.