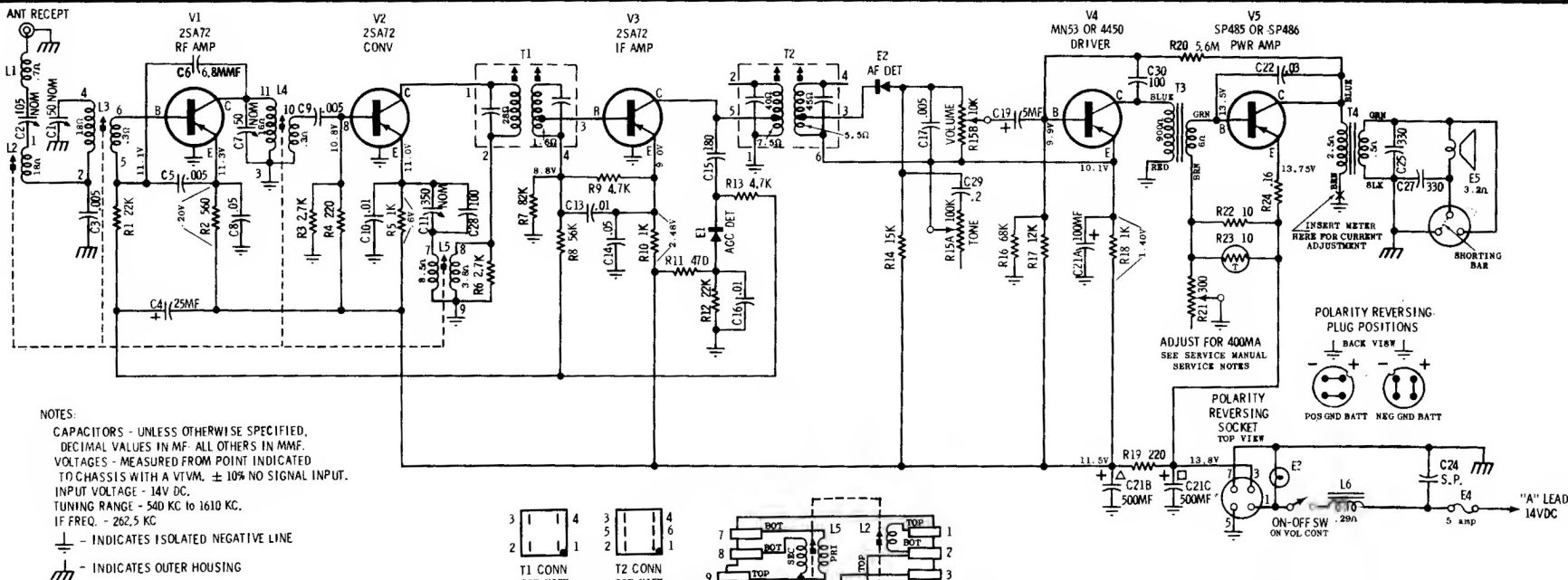




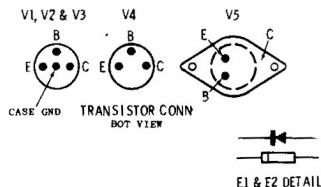
POWER TRANSISTOR CURRENT ADJUSTMENT: After replacing a power transistor, the collector current should be checked and adjusted for proper operation.

A. Insert a low range (0-1 or 0-2 amp) DC ammeter in the primary ground return lead of the output transformer. Connect the negative terminal of the meter to isolated negative line on polarity reversing socket.

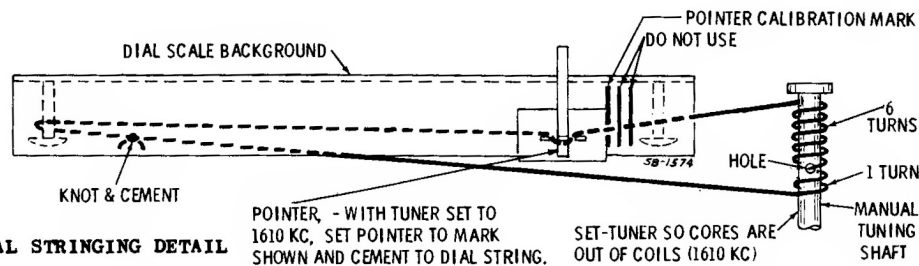
B. Turn the radio on and allow it to heat up for about 15 minutes.

C. Adjust the bias control (R-21) for a reading of 320 ma with 12.6 volts input to the radio "A" lead.

NOTE: Two values of radio input voltage are given as a convenience to service personnel in order to accommodate different power sources. The current value stated on the schematic diagram is for 14 volts input to the radio "A" lead.



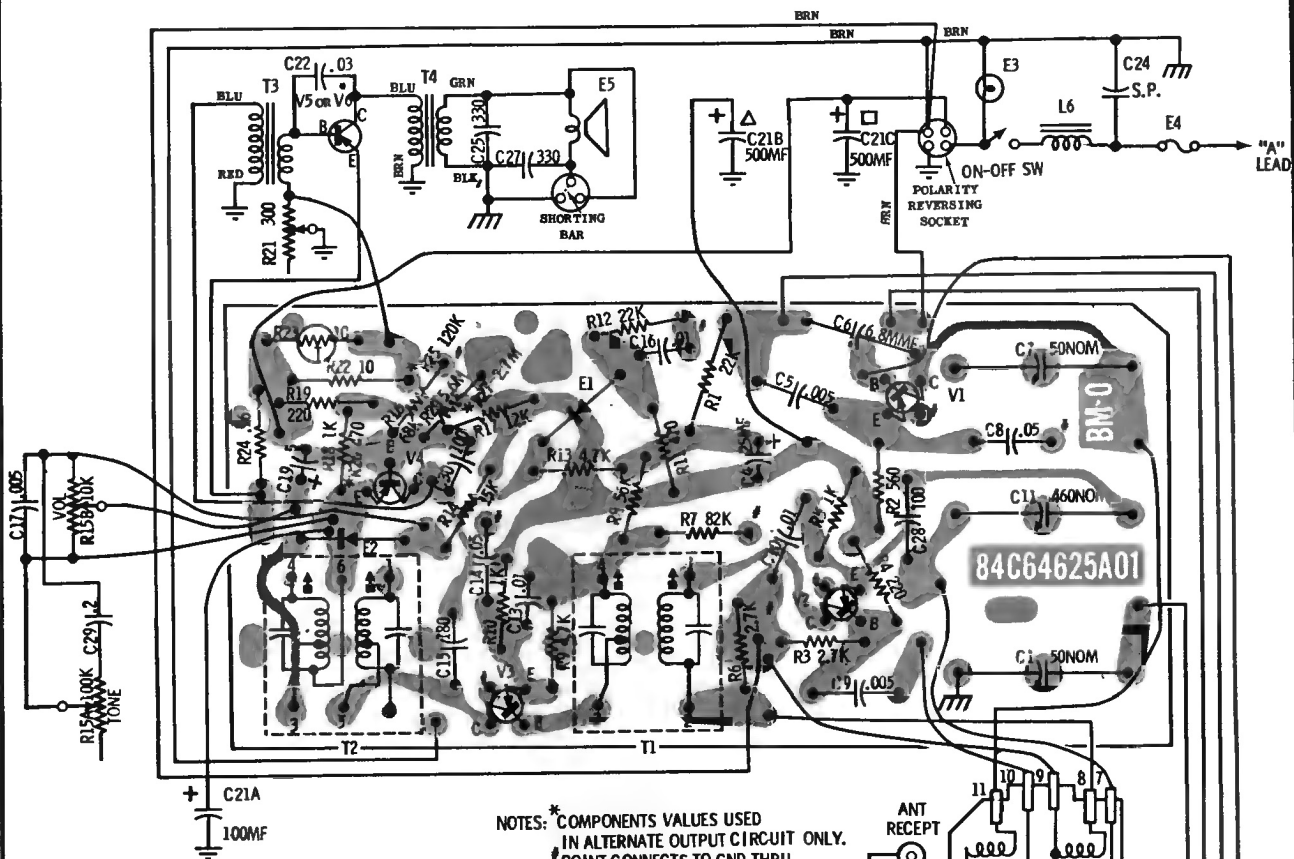
DIAL STRINGING DETAIL



Auto Radio Model 323T

MOTOROLA

MOTOROLA Auto Radio Model 323T



auto radio
323T

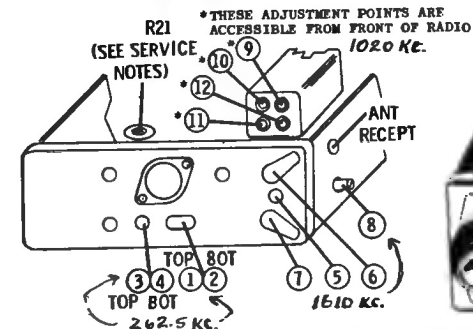
PLATED CHASSIS BOARD WIRING DIAGRAM

COMPONENTS SHOWN ARE ACTUALLY LOCATED ON OPPOSITE SIDE -
COMPONENT SIDE PLATING CONTAINS GROUND CONNECTIONS ONLY

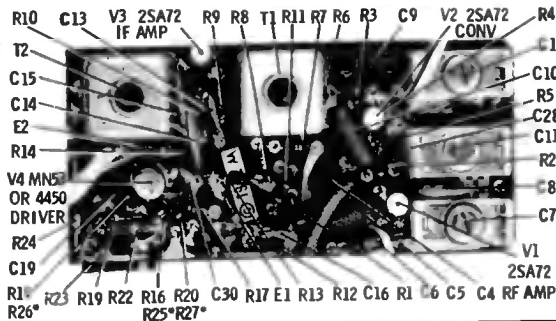
Make certain the "A" lead is connected properly to power source i. e., check position of polarity reversing plug, otherwise, damage to receiver may result.

When replacing a power output transistor, remember to use the transistor specified in the part list; coat both sides of the transistor insulator with DC-4 grease (Motorola Part No. 11M490487) and securely tighten the transistor mounting screws. When replacing all other transistors, use long-nose pliers as a heat sink, i. e., grasp transistor leads close to transistor base with the pliers to dissipate heat while soldering.

The plated chassis used in this receiver has plating on both sides; the exposed side (opposite components) contains the actual circuitry while the plating on the component side contains B- points only.



ALIGNMENT LOCATION DETAIL



* SEE ALTERNATE OUTPUT CIRCUIT
ON SCHEMATIC DIAGRAM