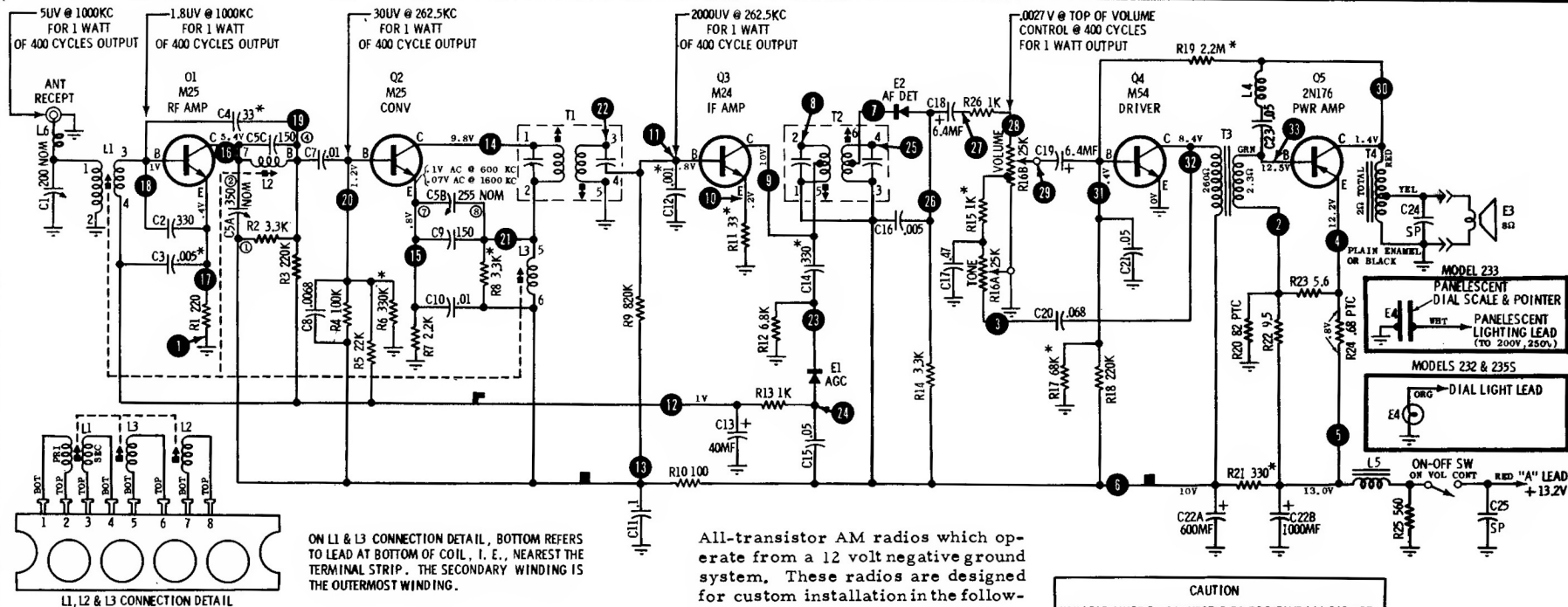




All-transistor AM radios which operate from a 12 volt negative ground system. These radios are designed for custom installation in the following cars:

Model 232 - 1966 Dodge Coronet, BW1 and BW2.

Model 233 - 1966 Dodge Charger, BW29.

Model 235S - 1966 Dodge Polara, Custom 880 and Monaco, BD2.

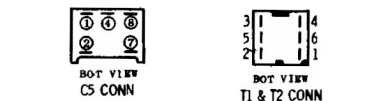
PLATED CHASSIS BOARD REMOVAL - To remove the plated chassis from the radio housing, proceed as follows:

A. Unsolder the 3 black chassis ground wires from the chassis mounting bracket.

B. Remove the 4 wraparound mounting screws.

C. Straighten the ears on the chassis mounting bracket, then unsolder and remove the chassis mounting bracket. The chassis can then be positioned as desired.

CAUTION
"A" LEAD MUST BE CONNECTED TO POSITIVE (+) SIDE OF POWER SUPPLY. RADIO WILL NOT OPERATE AND DAMAGE TO COMPONENTS WILL RESULT IF CONNECTED OTHERWISE.



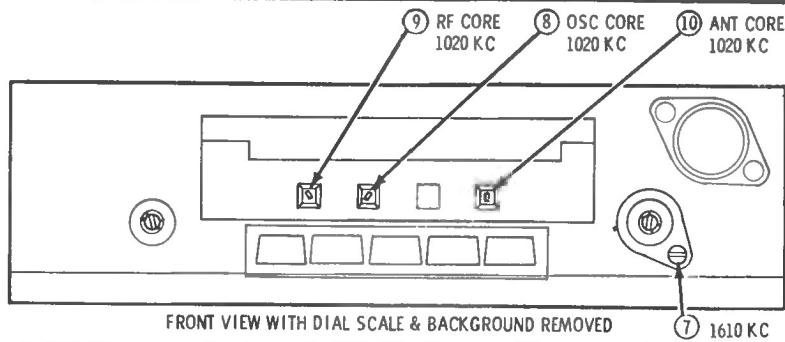
NOTES:
CAPACITOR - UNLESS OTHERWISE SPECIFIED, DECIMAL VALUES IN MF; ALL OTHERS IN PF.
VOLTAGES - MEASURED FROM POINT INDICATED TO GROUND WITH A VTVM $\pm 10\%$. NO SIGNAL IN.
INPUT VOLTAGE 13.2V DC
TUNING RANGE - 540KC TO 1610KC
IF FREQ - 262.5KC
* THESE VALUES ARE NOMINAL AND MAY VARY IN PRODUCTION TO MEET SPECIFICATIONS.

■ - B+ ■ - AVC

MOTOROLA
MODELS 232, 233, 235S

MOTOROLA

Models 232, 233, 235S



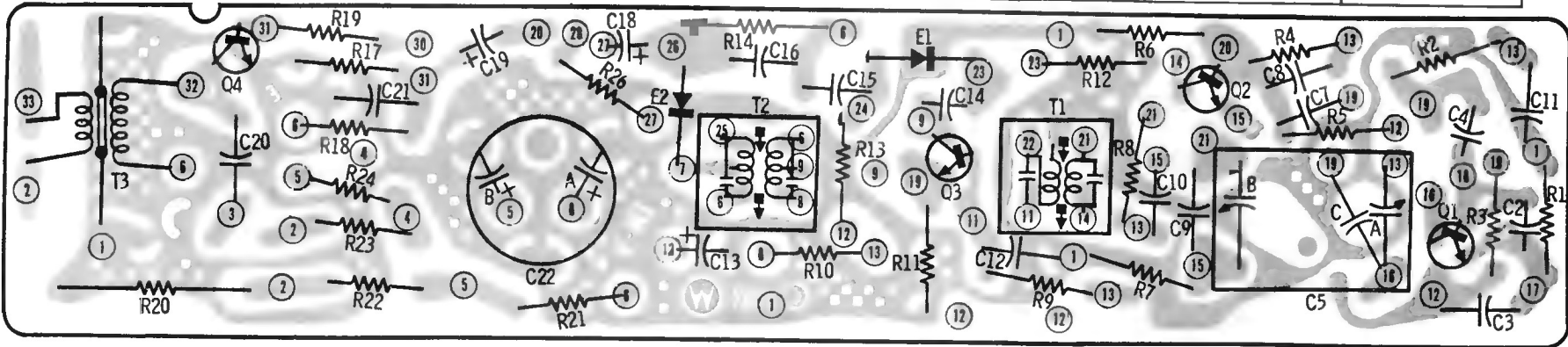
AVC VOLTAGE CHECKS

A CHECK FOR PROPER AVC ACTION IN THIS SET CAN BE MADE AS FOLLOWS. WITH NO INPUT SIGNAL (OR IN-BETWEEN STATIONS) THE DC VOLTAGE FROM THE AVC LINE ((12) ON SCHEMATIC) WITH RESPECT TO GROUND SHOULD BE SLIGHTLY POSITIVE (APPROXIMATELY +.85 VOLTS).

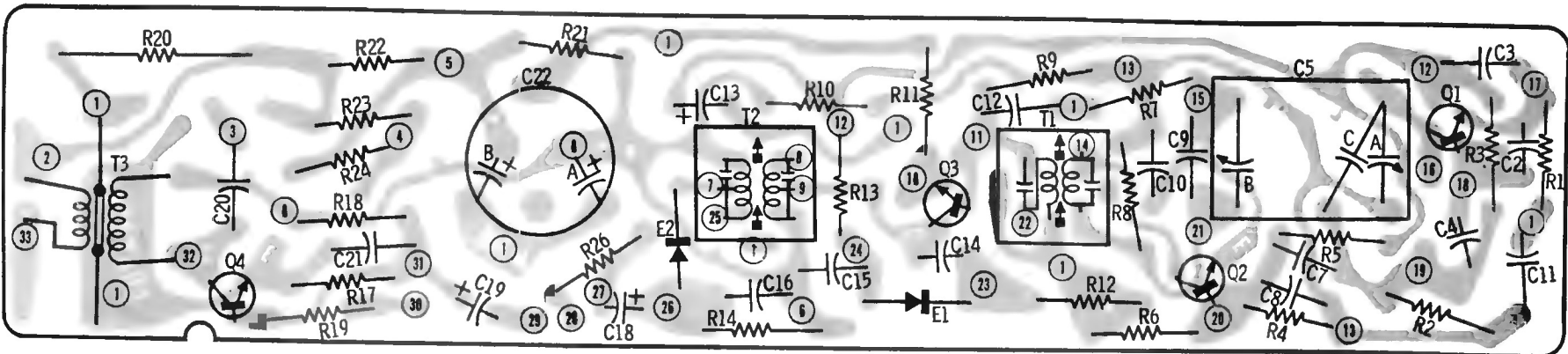
WITH AN INPUT SIGNAL, THIS VOLTAGE WILL TEND TO GO NEGATIVE, ITS MAGNITUDE DEPENDING ON SIGNAL STRENGTH.

SOME TYPICAL EXAMPLES ARE SHOWN AT RIGHT.

INPUT SIGNAL STRENGTH	AVC VOLTAGE DEVELOPED
NO SIGNAL (OR IN-BETWEEN STATIONS)	APPROX +.85 VOLTS
APPROX 10,000 MICROVOLTS (MEDIUM POWER STATION)	APPROX +.5 VOLTS
APPROX 1 VOLT (STRONG STATION)	APPROX -.5 VOLTS



PLATED CHASSIS REFERENCE POINTS AND PARTS LOCATION (VIEW FROM COMPONENT SIDE OF BOARD)



PLATED CHASSIS REFERENCE POINTS AND PARTS LOCATION (VIEW FROM WIRING SIDE OF BOARD)