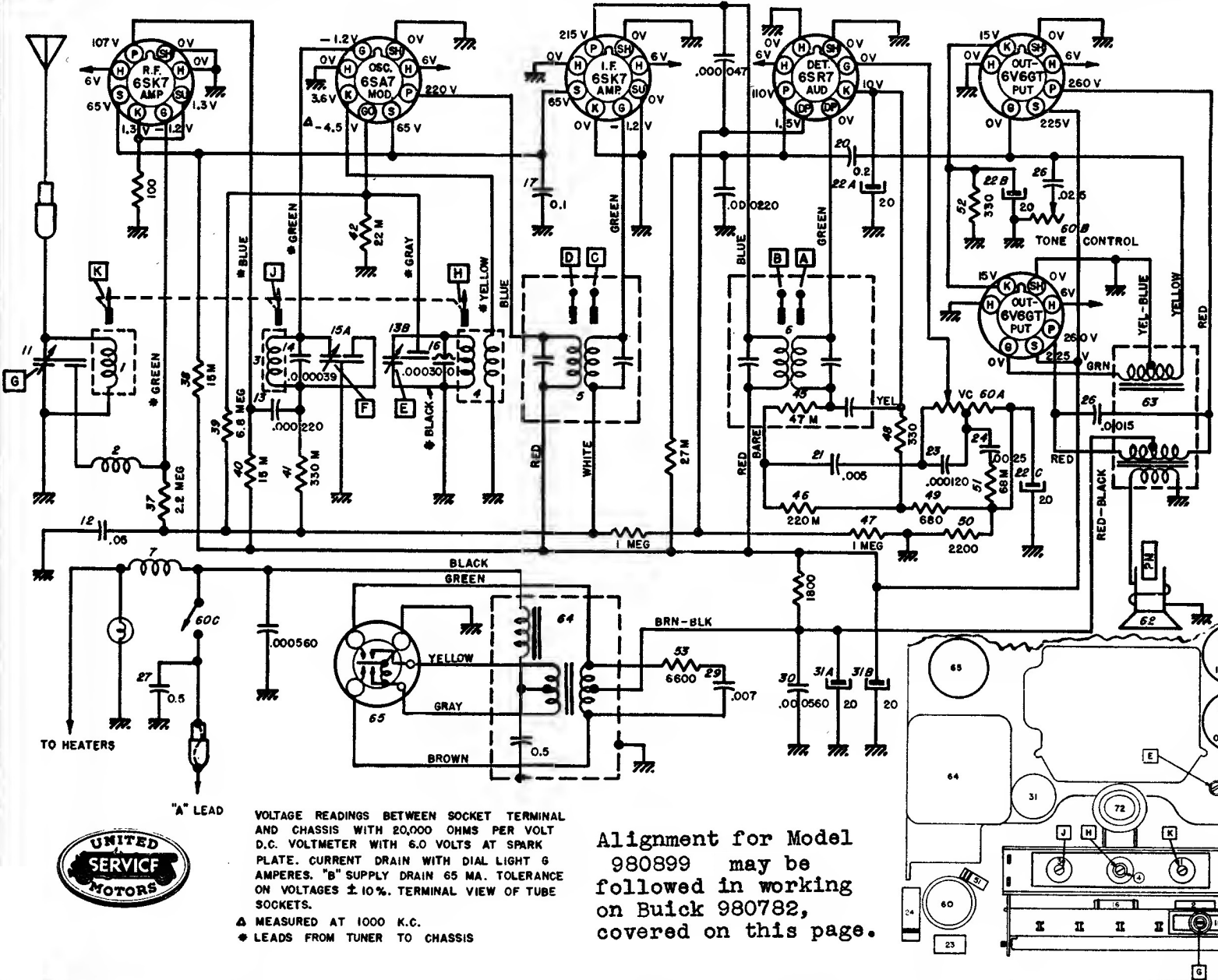


UNITED MOTORS SERVICE

SERVICE INSTRUCTIONS - BUICK MODEL 980782



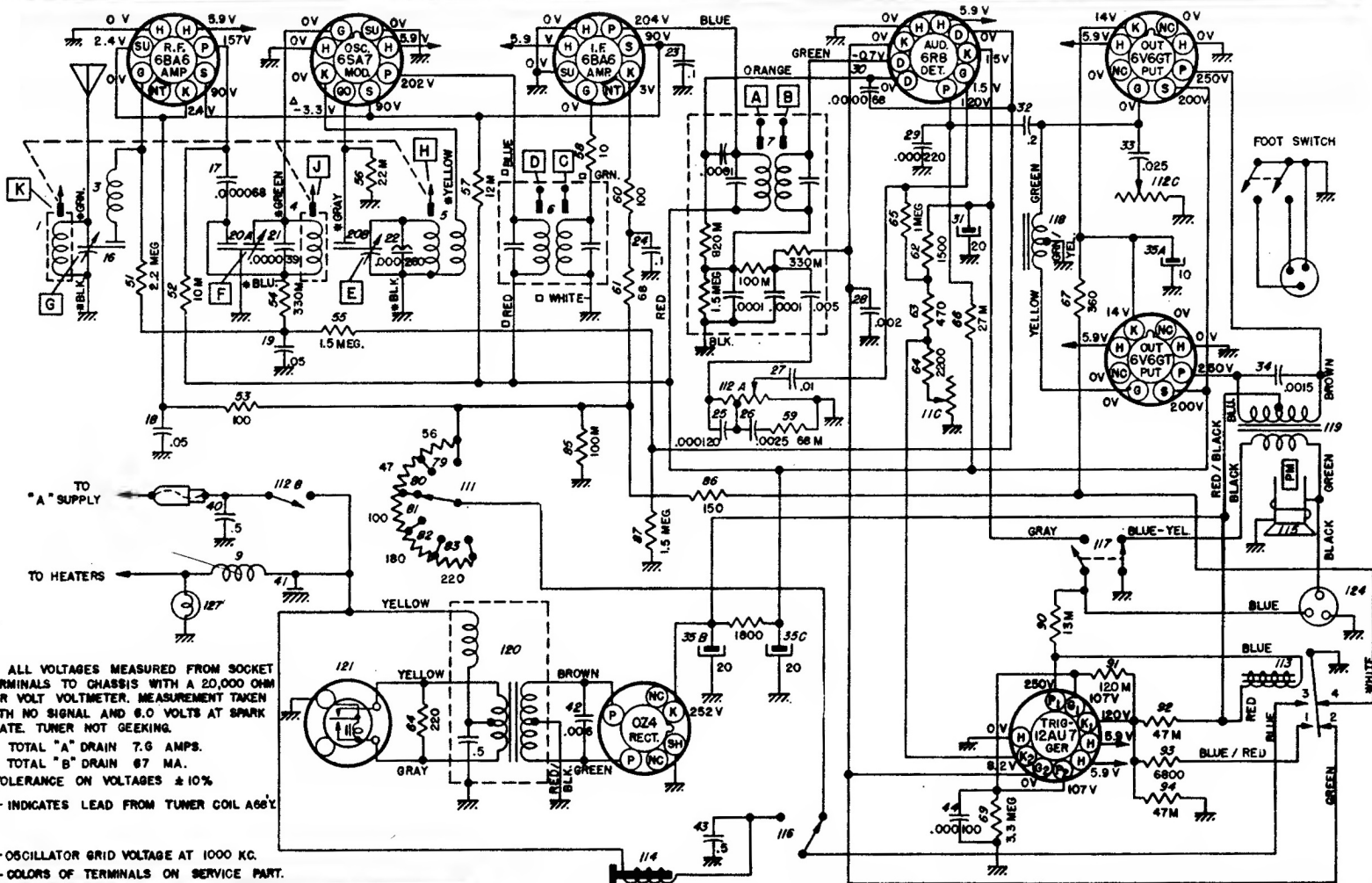
"A" LEAD

VOLTAGE READINGS BETWEEN SOCKET TERMINAL AND CHASSIS WITH 20,000 OHMS PER VOLT D.C. VOLTMETER WITH 6.0 VOLTS AT SPARK PLATE. CURRENT DRAIN WITH DIAL LIGHT 6 AMPERES. "B" SUPPLY DRAIN 65 MA. TOLERANCE ON VOLTAGES $\pm 10\%$. TERMINAL VIEW OF TUBE SOCKETS.

- ▲ MEASURED AT 1000 K.C.
- ◆ LEADS FROM TUNER TO CHASSIS

Alignment for Model 980899 may be followed in working on Buick 980782, covered on this page.





ALL VOLTAGES MEASURED FROM SOCKET TERMINALS TO CHASSIS WITH A 20,000 OHM PER VOLT VOLTMETER. MEASUREMENT TAKEN WITH NO SIGNAL AND 0.0 VOLTS AT SPARK PLATE. TUNER NOT GECKING.
TOTAL "A" DRAIN 7.6 AMPS.
TOTAL "B" DRAIN 67 MA.
TOLERANCE ON VOLTAGES ± 10%
* - INDICATES LEAD FROM TUNER COIL 65A7

△ - OSCILLATOR GRID VOLTAGE AT 1000 KC.
□ - COLORS OF TERMINALS ON SERVICE PART.

Step	Signal Generator Frequency	Tune Receiver To	Adjust in Sequence For Max. Output
1	260 KC	*High Frequency Stop	A, B, C, D
2	1615 KC	High Frequency Stop	**E, F, G
3	600 KC	Signal Generator Signal	J, K
4	1615 KC	Signal Generator Signal	F, G
5	1000 KC	Signal Generator Signal	***L

*To tune to high frequency, put a 0.070" feeler gauge (or bare #13 wire) in slot against the high frequency stop. Depress station selector bar and allow the planetary arm to run against the feeler gauge. Turn the radio off and then back on.

**Before making this adjustment, check the setting of oscillator core "H." The rear of the core should be 1 3/8" from the mounting end of the coil form. This measurement is readily made by inserting a suitable plug in the mounting end of the coil form. The core adjustment is made from the mounting end of the coil form with an insulated screwdriver. (It will be necessary to steady the core guide bar while making these adjustments. This can be done by applying a downward pressure on the guide bar at the antenna coil end.) If this adjustment is necessary, first dissolve the glyptal seal on the core stud and be sure to re-seal after making the adjustment.

***"L" is the pointer adjustment screw on the end of the core guide bar—adjust so pointer reads 1000 KC.
In step 1, connect Generator thru 0.1 mfd. to pin 8 of 6SA7; in steps 2 to 5 use 82 mfd. to Ant. Con.