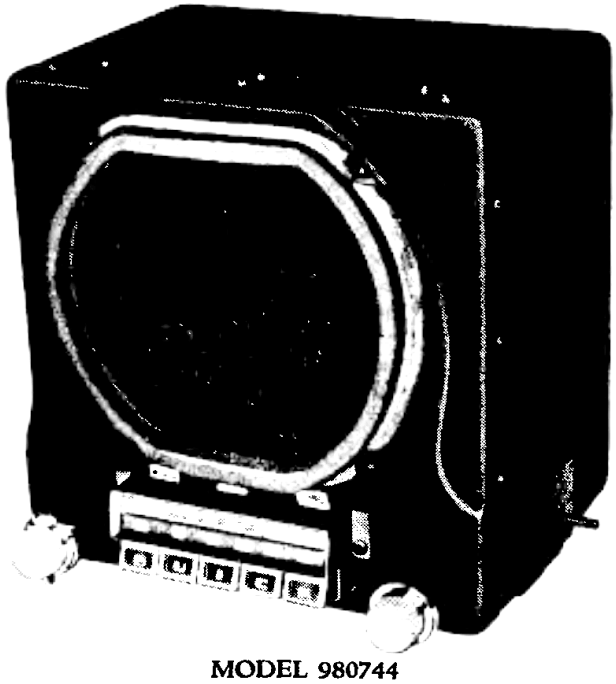
# UNITED MOTORS SERVICE

DIVISION OF GENERAL MOTORS CORPORATION

## Buick Models 980744 and 980745



MODEL 980744

### PUSH BUTTON SET-UP

Release holding spring in bottom of button, pull button off. Loosen re-set screw and push in until it bottoms. Tune in desired station while holding in re-set screw. Release and tighten screw. Replace button.

### ALIGNMENT PROCEDURE

Volume Control Maximum.

Signal Generator output minimum for satisfactory output indication.

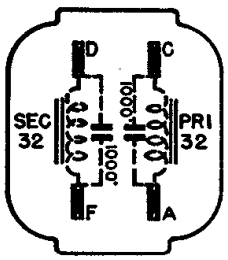
| Series Condenser or Dummy Antenna | Connect To | Tune Receiver To | Signal Generator Frequency | Adjust Screws In Order |
|---|---|---|---|---|
| 0.1 Mfd. | 6SA7 Pin #8 | No Broadcast Sig. | 262 KC | A B C D |
| *.000060 Mfd. | Antenna Connector | Extreme Hi. Freq. End of Dial | 1615 KC | E F G |
| ***.000060 Mfd. | Antenna Connector | Signal Generator | 1430 KC | **J K |

*Before making this adjustment turn core screws J, K, H by means of a bakelite screwdriver, so that the rear end of the cores are 1 13/16" from the rear of the coil form. The purpose of this adjustment is to set the cores at the correct starting point with respect to the windings.

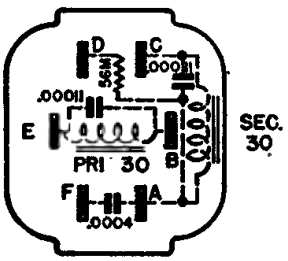
**Cores J and K are adjusted by means of a bakelite screwdriver through the rear end of the coils. There must not be any metal in part of screwdriver inserted in the coil.

***Should it be necessary to calibrate the pointer after this adjustment, tune signal generator to 1300 KC and the receiver to the signal. Loosen dial cord pulley set screws and adjust pointer to 1300 KC. Tighten set screws.

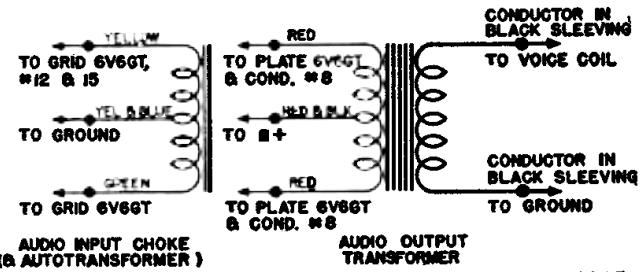
Adjust trimmer G to match car antenna (at approx. 1400 KC) when radio is installed.



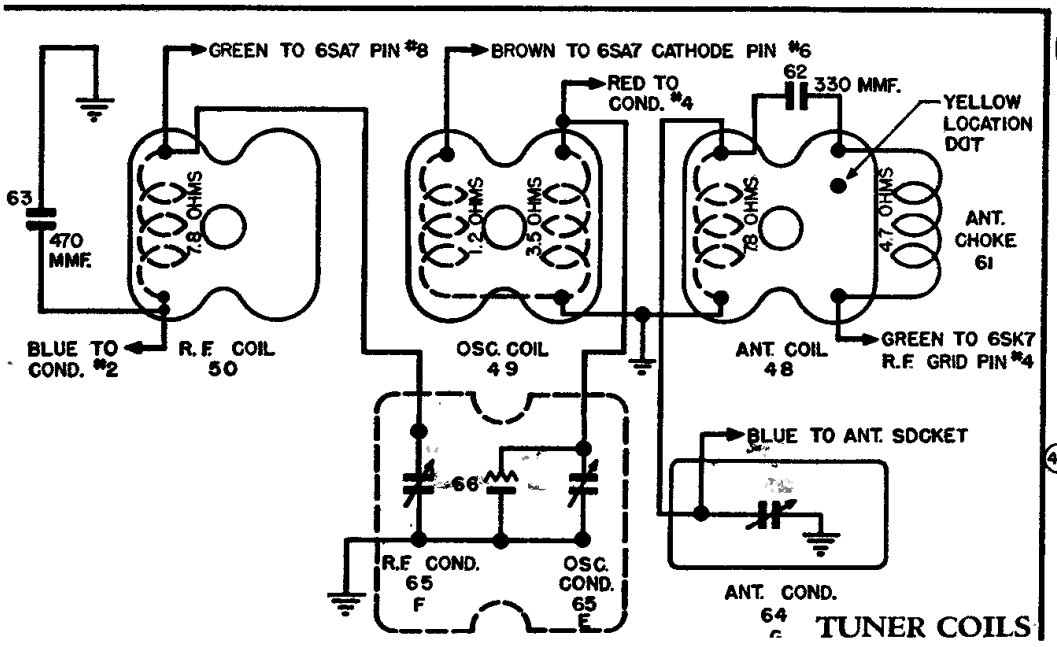

1st I. F. TRANS.



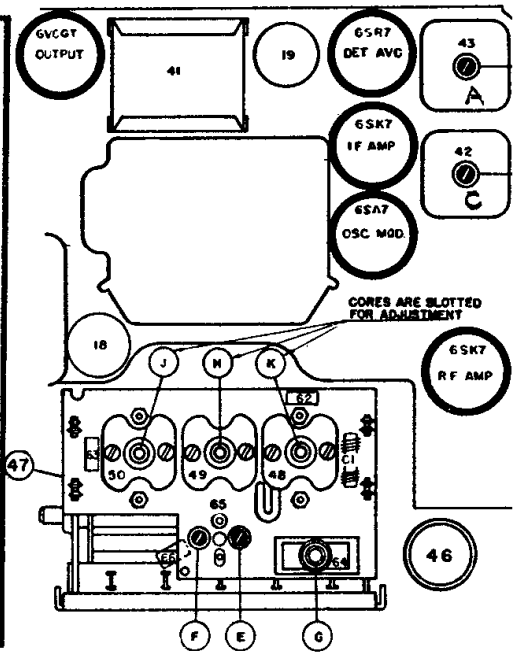

2nd I. F. TRAN'

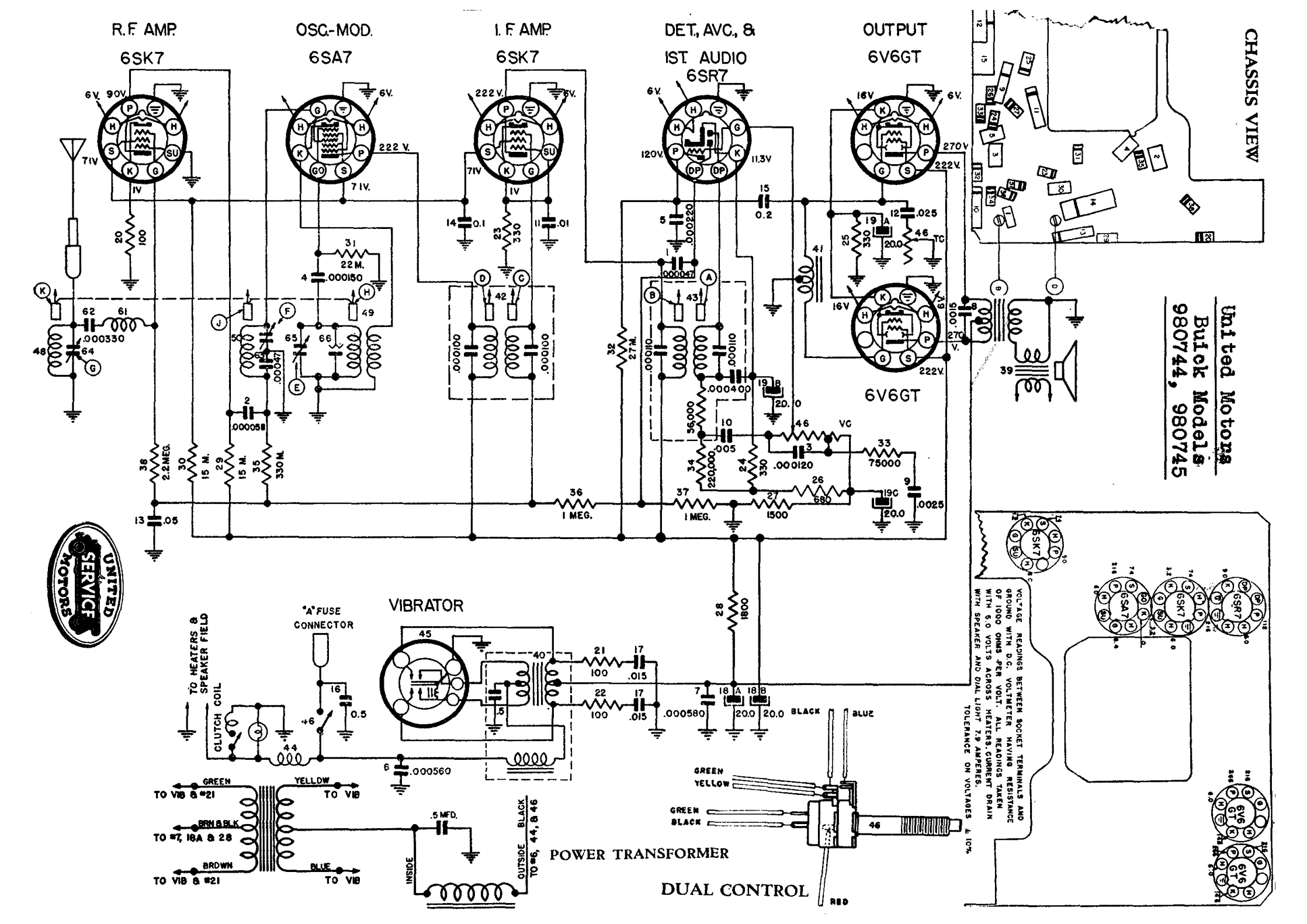



AUDIO PACK - DRIVER AND OUTPUT TRANS.




TUNER COILS




R.F. AMP.
6SK7
OSC.-MOD.
6SA7
I.F. AMP.
6SK7
DET., AVC., & 1ST AUDIO
6SR7
OUTPUT
6V6GT
6V6GT
CHASSIS VIEW
United Motors
Buick Models
980744, 980745
VIBRATOR
"A" FUSE CONNECTOR
TO HEATERS & SPEAKER FIELD
CLUTCH COIL
GREEN
TO VIB & #21
YELLOW
TO VIB
BRN & BLK
TO #7, 18A & 28
BRDWN
TO VIB & #21
BLUE
TO VIB
.5 MFD.
INSIDE
OUTSIDE
BLACK
TO #6, 44, & 46
POWER TRANSFORMER
GREEN
YELLOW
GREEN
BLACK
BLACK
BLUE
RED
DUAL CONTROL
VOLTAGE READINGS BETWEEN SOCKET TERMINALS AND GROUND WITH D.C. VOLTMETER HAVING RESISTANCE OF 1000 OHMS PER VOLT. ALL READINGS TAKEN WITH 6.0 VOLTS ACROSS HEATERS. CURRENT DRAIN WITH SPEAKER AND DIAL LIGHT 7.9 AMPERES. TOLERANCE ON VOLTAGES ± 10%.
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