

BUICK WONDER BAR MODEL 981903



Volts measured terminal to chassis with a VTVM - no signal and 120 volts at Illus. 34 - tuner stopped. Oscillator grid voltage taken with set tuned to 1000 Kc.

Total "A" drain 3.3 Amps.

Total "A" drain 5.5 MA  
Total "B" drain 67 MA

Tolerance on voltages  $\pm 10\%$ .

□—Colors of terminal on service parts.

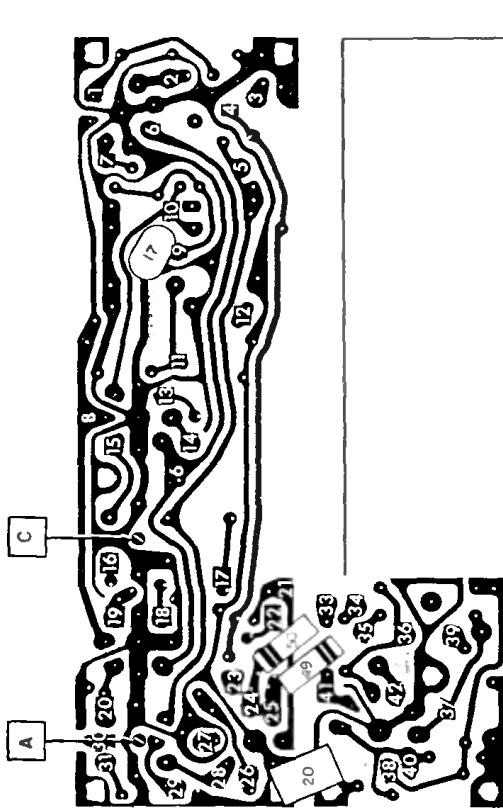
\*—Indicates lead from tuner coil assembly.

△—Voltage with sensitivity control in center position.

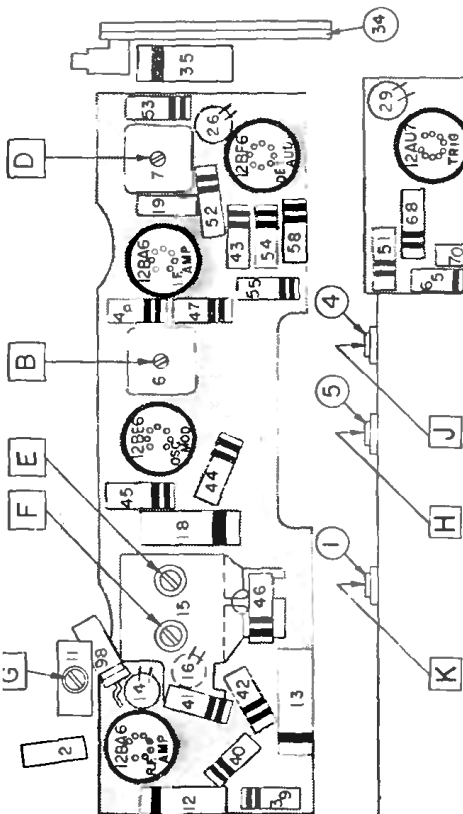
$\Delta V$ —voltage with sensitivity control in center position. Resistances are  $\pm 20\%$ . Values under 1 ohm are not shown.

# DELCO

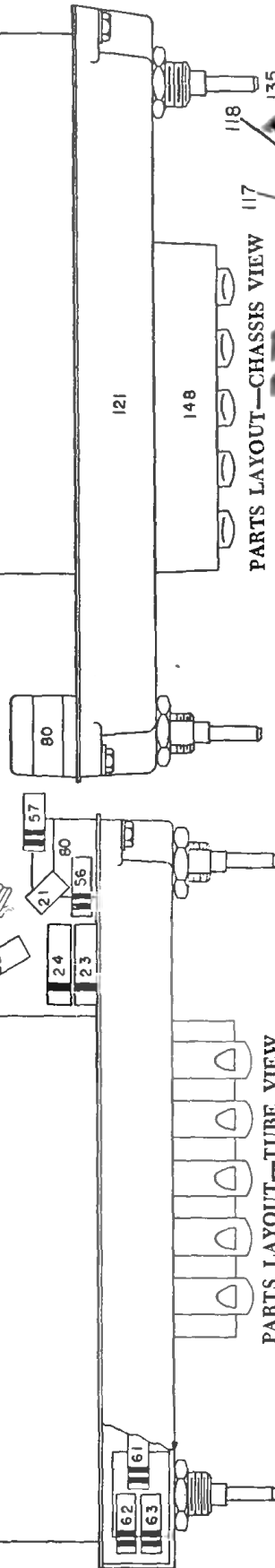
BUICK Model 981903 Alignment, Continued



WHITE NUMBERS ON PRINTED CIRCUIT  
DRAWING CORRESPOND TO THE  
ENCIRCLED NUMBERS ON SCHEMATIC.

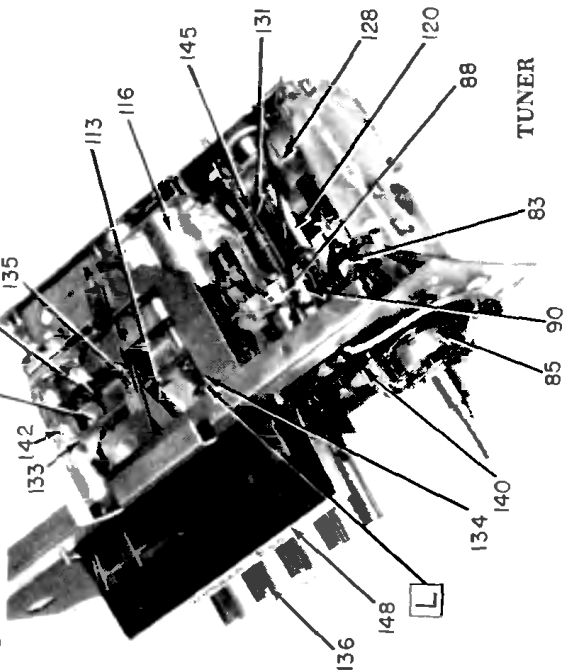


WHITE NUMBERS ON PRINTED CIRCUIT  
DRAWING CORRESPOND TO THE  
ENCIRCLED NUMBERS ON SCHEMATIC.



PARTS LAYOUT—TUBE VIEW

PARTS LAYOUT—CHASSIS VIEW 117



TUNER

Step	Dummy Antenna	Signal Generator To	Signal Generator Frequency	Tune Receiver To	Adjust in Sequence For Output Indicated
1	0.1 Mfd.	12BE6 Grid (Pin 7)	262 KC	*High Frequency Stop	A, B, C (Max.)
2	0.1 Mfd.	12BE6 Grid (Pin 7)	262 KC	High Frequency Stop	D (Min.)
3	.000082 Mfd.	Antenna Connector	1615 KC	High Frequency Stop	**E, F, G (Max.)
4	.000082 Mfd.	Antenna Connector	600 KC	Signal Generator Signal	J, K (Max.)
5	.000082 Mfd.	Antenna Connector	1615 KC	Signal Generator Signal	F, G (Max.)
6	.000082 Mfd.	Antenna Connector	1100 KC	Signal Generator Signal	***L

\*To tune to high frequency, put a .070" feeler gauge in slot against the high frequency stop, station selector bar and allow the treadle bar arm to run against the feeler gauge. Turn the radio off and then back on. This positions the tuner near the point where the tr-ade switch closes.

\*\*Before making this adjustment, check the setting of oscillator core "H." The rear of the core should be 1/8" 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 a non-metallic screwdriver.

\*\*\*"L" is the pointer adjustment screw on the end of the core guide bar—adjust so pointer reads 1100 KC.

With the radio installed and the antenna plugged in, adjust the antenna trimmer "G" for maximum volume with the radio tuned to a weak station between 600 and 1000 KC (see sticker on case.)

CONNECT A VTVM FROM AVC LINE (#4 ISLAND ON CIRCUIT BOARD) TO  
GROUND FOR OUTPUT INDICATIONS DURING ALIGNMENT.