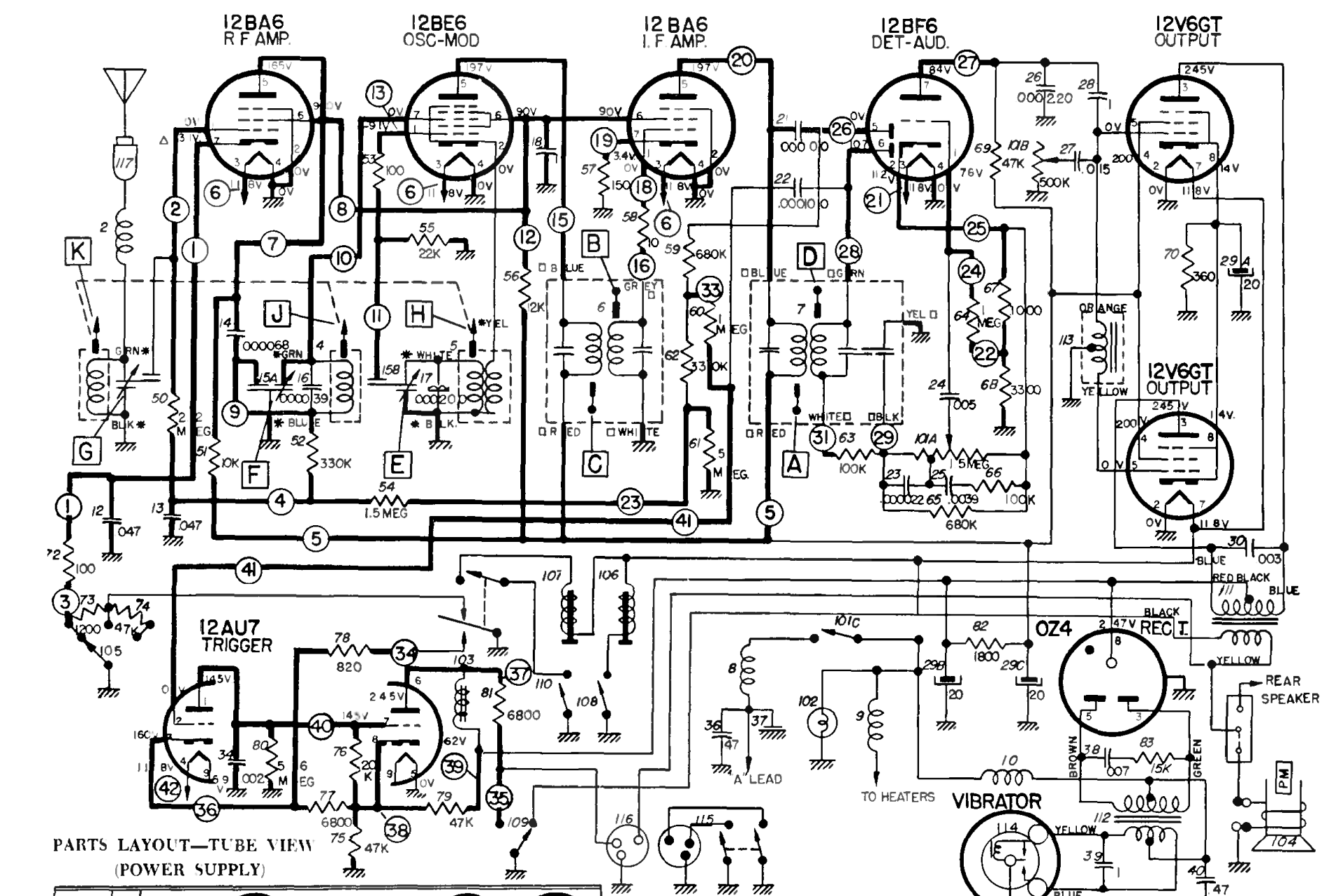
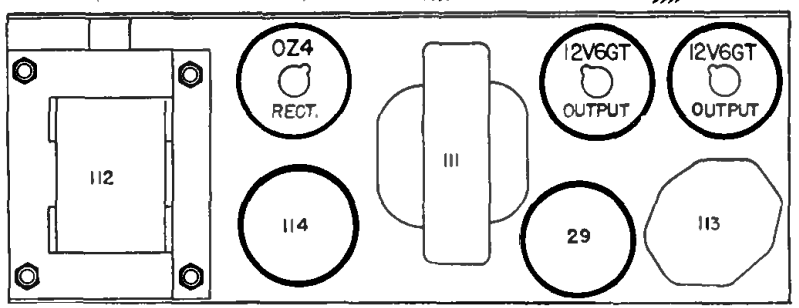
DELCO

OLDSMOBILE SUPER DELUXE MODEL 989002



PARTS LAYOUT—TUBE VIEW
(POWER SUPPLY)



VOLTAGE MEASURED TERMINAL TO CHASSIS WITH A VTVM — NO SIGNAL AND 120 VOLTS AT ILLUS 37 — TUNER STOPPED OSCILLATOR GRID VOLTAGE TAKEN WITH SET TUNED TO 1000 KC

TOTAL A DRAIN 33 AMPS
TOTAL B DRAIN 67 MA
TOLERANCE ON VOLTAGES ± 10 %

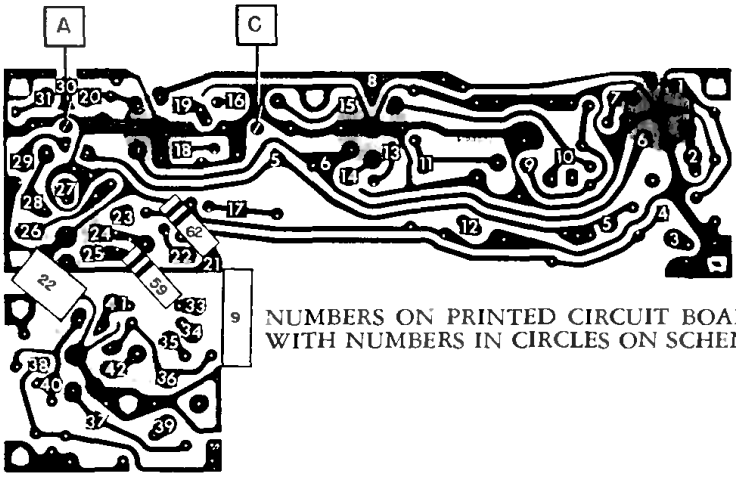
□ — COLORS OF TERMINAL ON SERVICE PARTS.
✱ — INDICATES LEAD FROM TUNER COIL ASSY

△ — VOLTAGE WHEN SENSITIVITY CONTROL IS IN CENTER POSITION

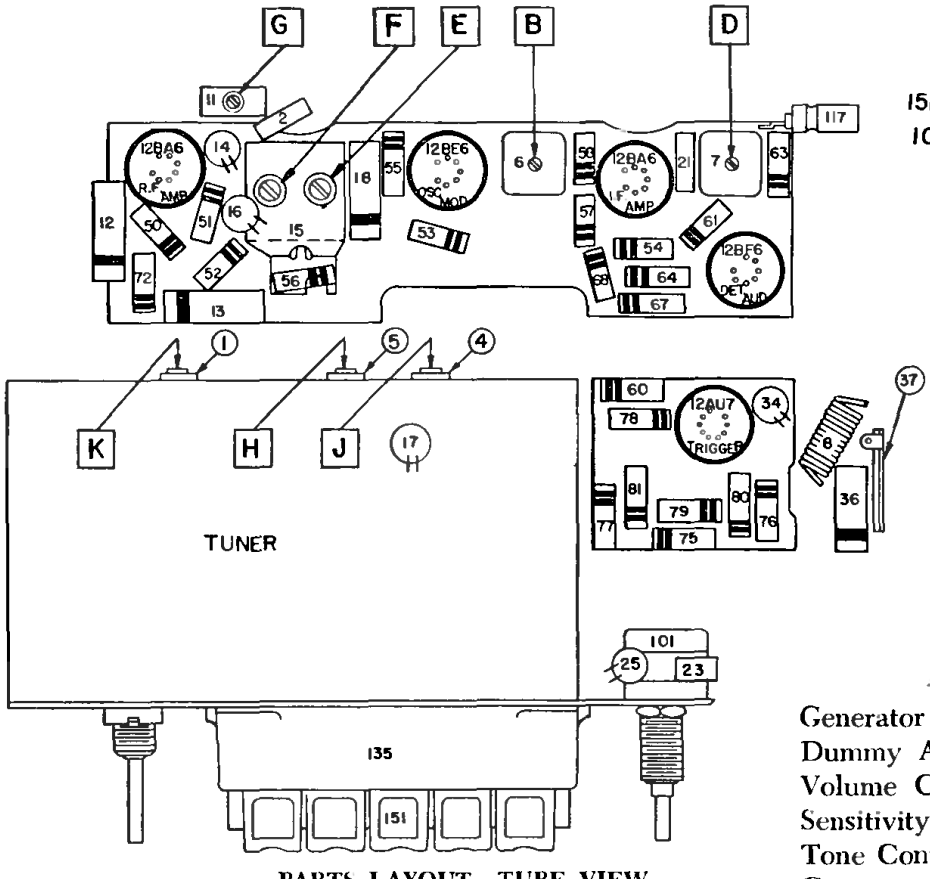
OLDSMOBILE MODEL 989002
PRINTED CIRCUIT SHOWN IN HEAVY LINES

DELCO

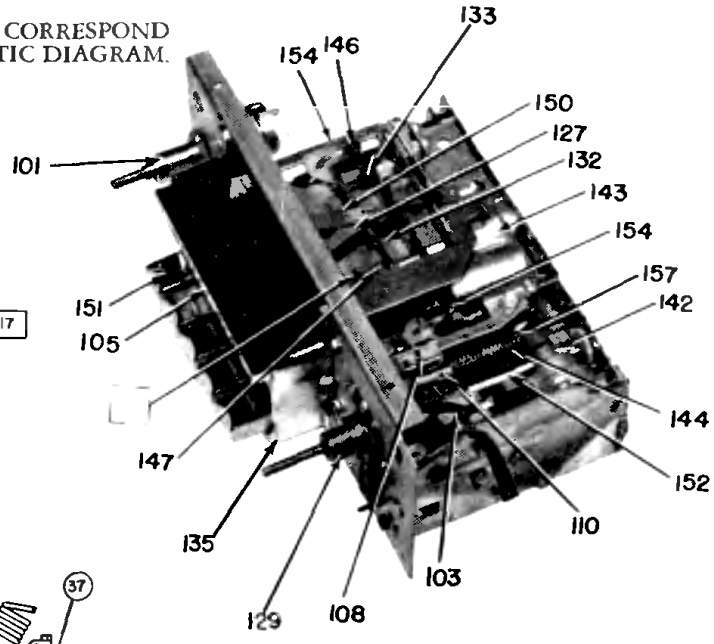
OLDSMOBILE MODEL 989002



NUMBERS ON PRINTED CIRCUIT BOARD CORRESPOND WITH NUMBERS IN CIRCLES ON SCHEMATIC DIAGRAM.



PARTS LAYOUT—TUBE VIEW



TUNER

PUSHBUTTON SET-UP

1. Pull button to the left and out.
2. Tune in desired station manually.
3. Push button all the way in.

ALIGNMENT PROCEDURE:

Generator Return	Receiver Chassis
Dummy Antenna	In Series With Generator
Volume Control	Maximum Volume
Sensitivity Control	Position 1. (Position 1 is Maximum)
Tone Control	Treble (max. clockwise)
Generator Output	Not to Exceed 2 Volts at VTVM

Connect vacuum tube voltmeter between AVC line (island #4 on printed circuit board) and ground during alignment.

Step	Dummy Antenna	Connect To	Signal Generator Frequency	Tune Receiver To	Adjust in Sequence
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	0.000068 mfd.	Antenna Connector	1615 KC	High Frequency Stop	**E, F, G (Max.)
4	0.000068 mfd.	Antenna Connector	600 KC	Signal Generator Signal	J, K (Max.)
5	0.000068 mfd.	Antenna Connector	1615 KC	Signal Generator Signal	F, G (Max.)
6	0.000068 mfd.	Antenna Connector	1100 KC	Signal Generator Signal	***L

*To tune to high frequency, put a 0.012" feeler gauge (or bare #28 wire) in slot against the high frequency stop. (See tuner pictures). Turn manual control to allow the treadle bar arm to run against the feeler gauge.

**Before making this adjustment, check the setting of oscillator core "H." The rear of the core should be 1⅝" 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 screw driver. 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 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).