

DELCO

OLDSMOBILE MODEL 989170

GENERAL

MOUNTING—All 1959 Oldsmobile Cars.

SPEAKER—6"x9" Elliptical, Permanent Magnet.

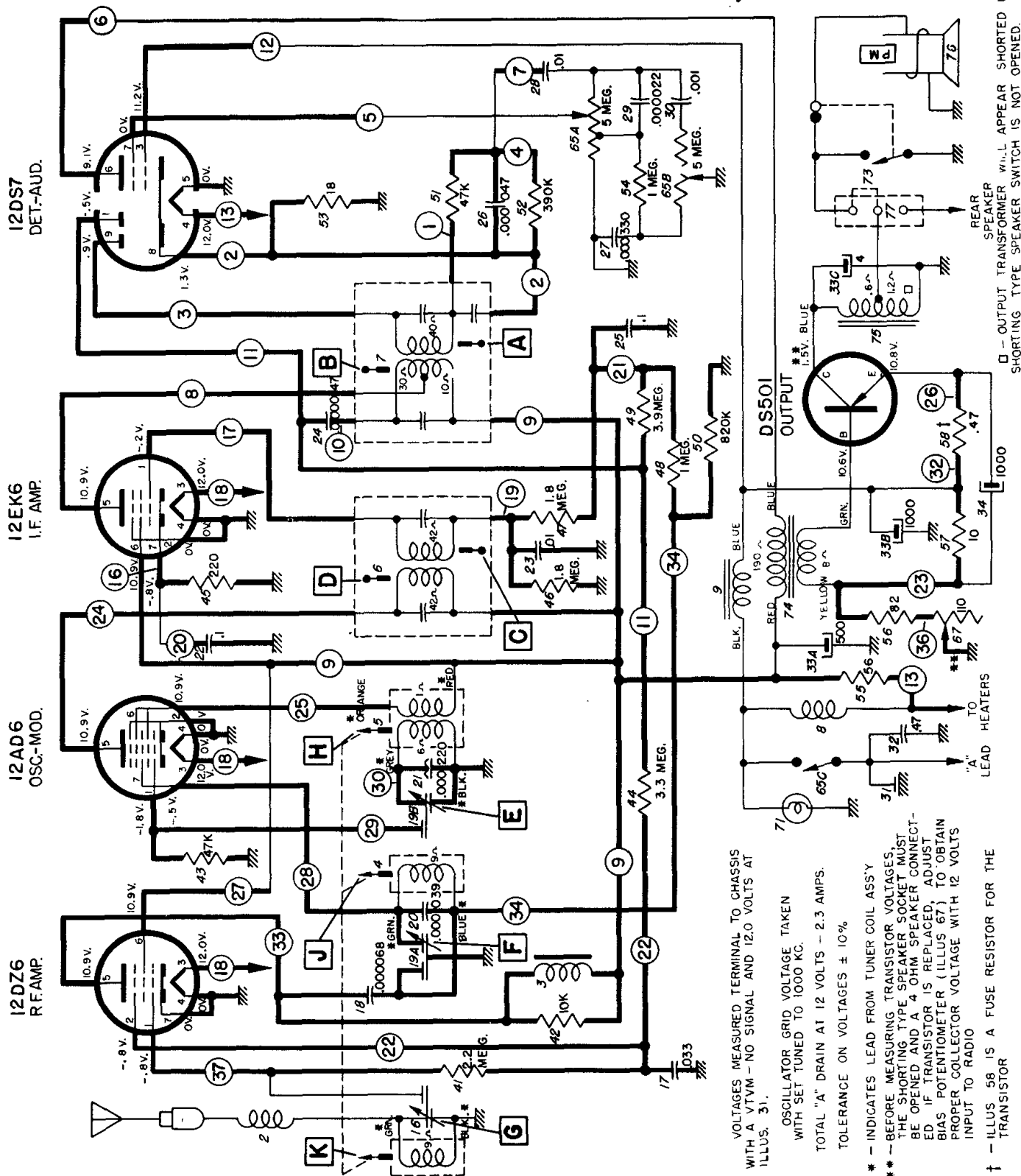
TUNING—Manual and 5 P. B. Mechanical.

ANTENNA TRIMMER COMPENSATION—for Antennas Between 0.000050 - 0.000090 Mfd.

TUNING RANGE—540-1600 KC.

PUSHBUTTON SETUP PROCEDURE

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



VOLTAGES MEASURED TERMINAL TO CHASSIS WITH A VTVM - NO SIGNAL AND 12.0 VOLTS AT ILLUS. 31.

OSCILLATOR GRID VOLTAGE TAKEN WITH SET TUNED TO 1000 KC.

TOTAL "A" DRAIN AT 12 VOLTS - 2.3 AMPS.

TOLERANCE ON VOLTAGES $\pm 10\%$

* - INDICATES LEAD FROM TUNER COIL ASS'Y
 ** - BEFORE MEASURING TRANSISTOR VOLTAGES, THE SHORTING TYPE SPEAKER SOCKET MUST BE OPENED AND A 4 OHM SPEAKER CONNECTED. IF TRANSISTOR IS REPLACED, ADJUST BIAS POTENTIOMETER (ILLUS 67) TO OBTAIN PROPER COLLECTOR VOLTAGE WITH 12 VOLTS INPUT TO RADIO

† - ILLUS. 58 IS A FUSE RESISTOR FOR THE TRANSISTOR

REAR SPEAKER SHORTED IF SHORTING TYPE SPEAKER SWITCH IS NOT OPENED.

OLDSMOBILE 989170—PRINTED CIRCUIT SHOWN IN HEAVY LINES

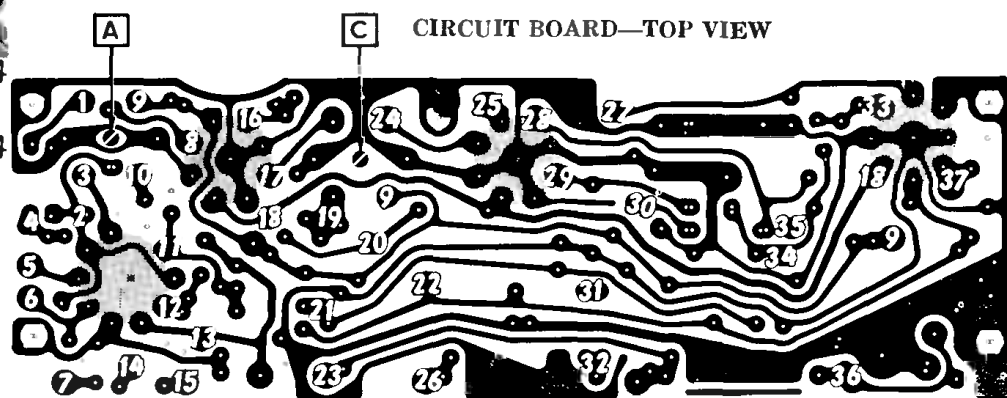
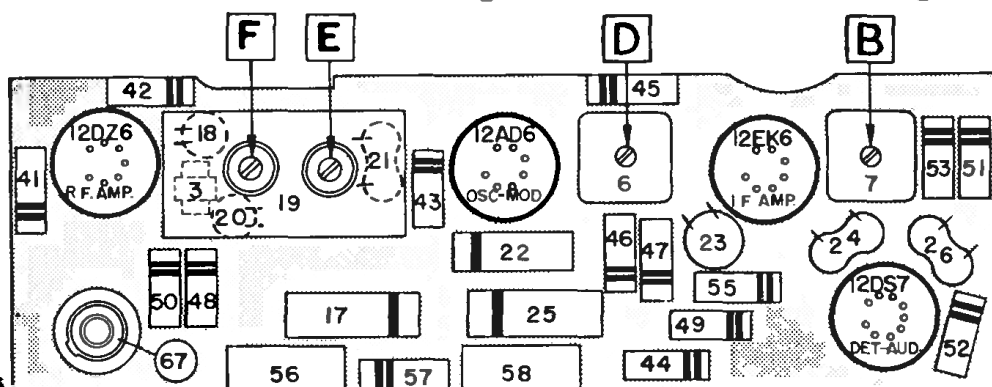
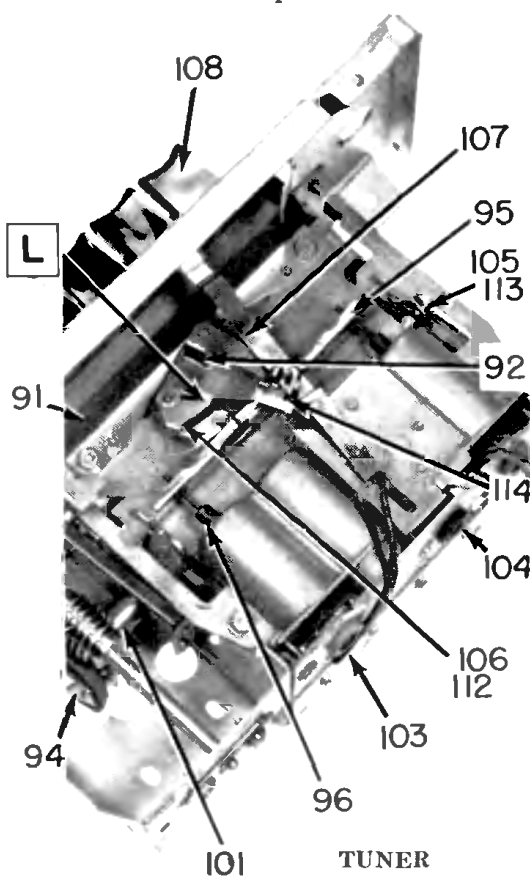
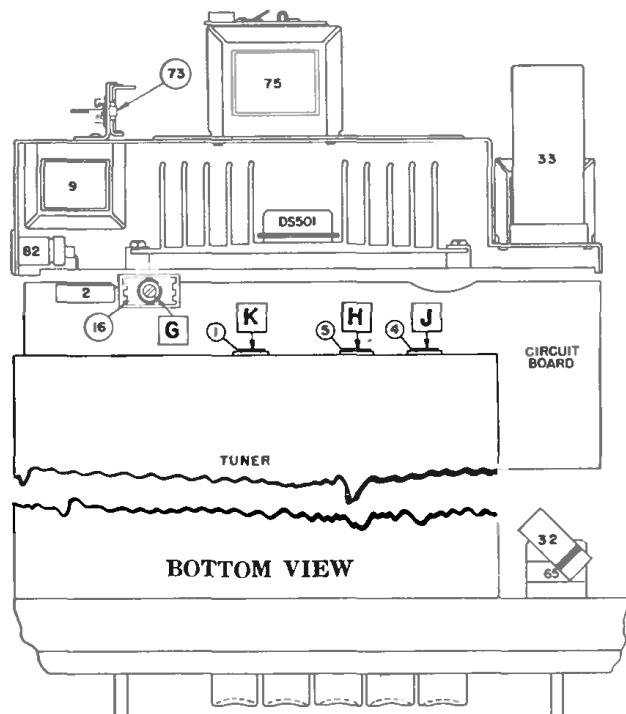
ILLUS. 77 IS SOCKET FOR REAR SPEAKER CONTROL AND INCORPORATES A SHORTING SWITCH. WHEN JUMPER OR CONTROL ARE REMOVED THE OUTPUT TRANSFORMER IS SHORTED.

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ALIGNMENT PROCEDURE:

Output Meter Connections.....Across Voice Coil
 Generator Return.....To Receiver Chassis
 Dummy Antenna.....In Series With Generator
 Volume Control Position.....Maximum Volume
 Tone Control Position.....Treble Position
 Generator Output.....Minimum for Readable Indication



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

STEPS	SERIES CAPACITOR OR DUMMY ANTENNA	CONNECT SIGNAL GENERATOR TO	SIGNAL GENERATOR FREQUENCY	TUNE RECEIVER TO	ADJUST IN SEQUENCE FOR MAX. OUTPUT
1	0.1 Mfd.	12AD6 Grid (Pin #7)	262 KC	High Frequency Stop	A, B, C, D
2	0.000068 Mfd.	Antenna Connector	1615 KC	High Frequency Stop	*E, F, G
3	0.000068 Mfd.	Antenna Connector	600 KC	Signal Generator Signal	J, K
4	0.000068 Mfd.	Antenna Connector	1615 KC	High Frequency Stop	F, G
5	0.000068 Mfd.	Antenna Connector	1100 KC	Signal Generator Signal	L**

*Before making this adjustment check mechanical setting of oscillator core "H." The rear of the core should be 1% 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.) Core adjustment should be made with a non-metallic screwdriver.

**L is the pointer adjustment which is on the connecting link, between the pointer assembly and core guide bar (See tuner Dwg.). It should be adjusted so that when looking directly at the dial the pointer is on the 1100 KC mark. This setting is to give the correct relationship between the pointer and the dial when the radio is installed in a car.