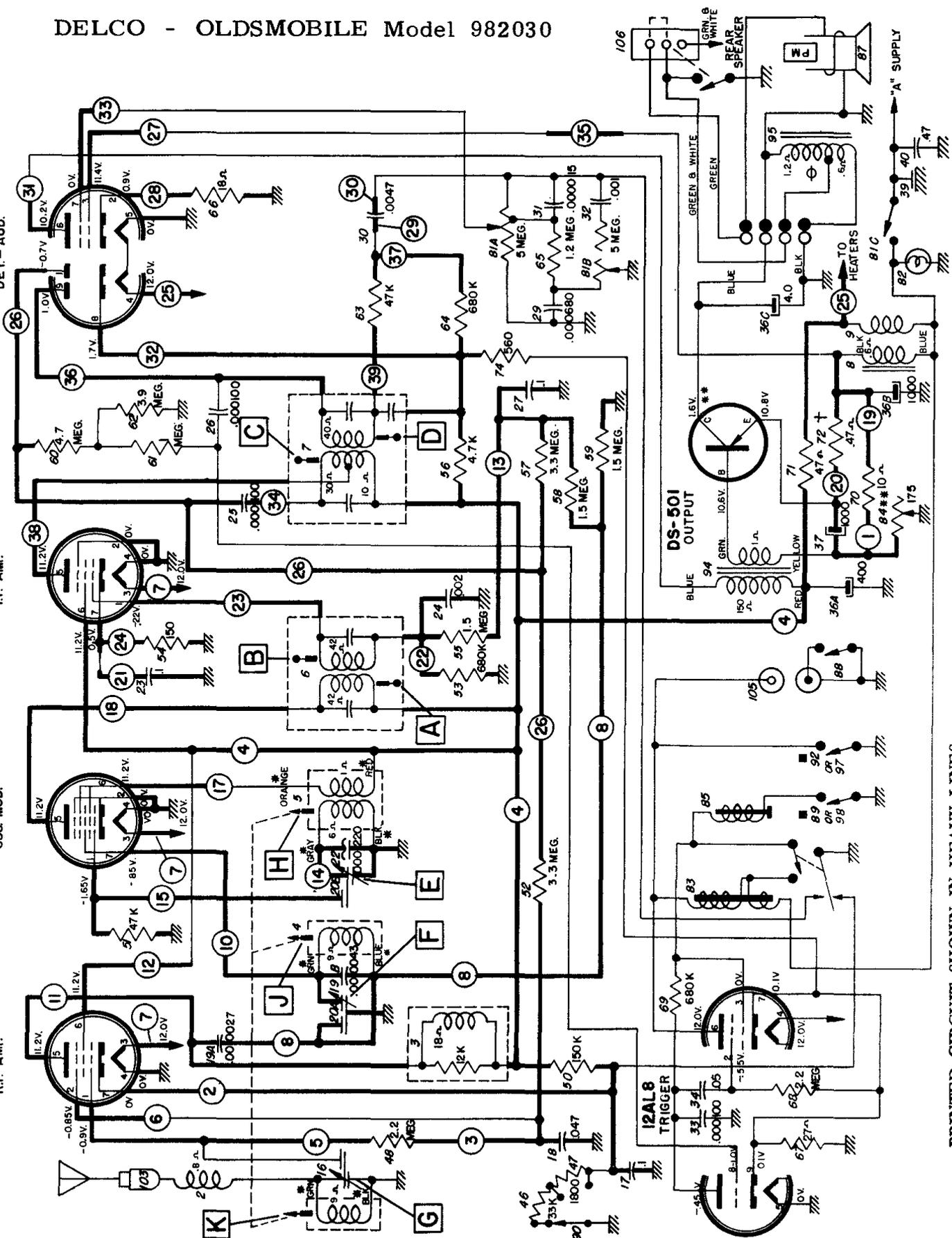


12DV8  
DET. - AUD.

12EK6  
I.F. AMP.

12AD6  
OSC. MOD.

12DZ6  
R.F. AMP.



OLDSMOBILE 982030

SCHEMATIC DATA

Oscillator grid voltage taken tuned to 1000 kc.

Total "A" drain 2.6 amperes.

\* Indicates lead from tuning coil assembly.

■—F3 and F4 tuner use different switches.

Volts measured terminal to chassis with a VTVM—No signal—12.0 volts at Illustration #39.

\*\*—Before measuring transistor voltages be sure speaker and transformer are connected to radio. If transistor is replaced adjust bias potentiometer (Illustration #84 to obtain the proper collector voltage.)

† —Illustration #72 is a fuse resistor for the transistors. An open fuse resistor will give 0 volts collector voltage.

⊖—Output transformer may appear shorted if rear speaker control or jumper is not inserted into Illus. #106.

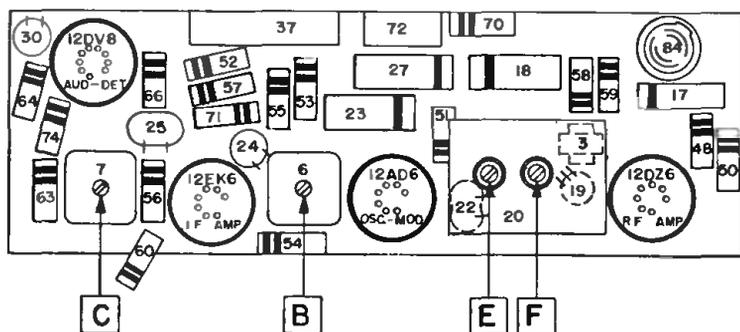
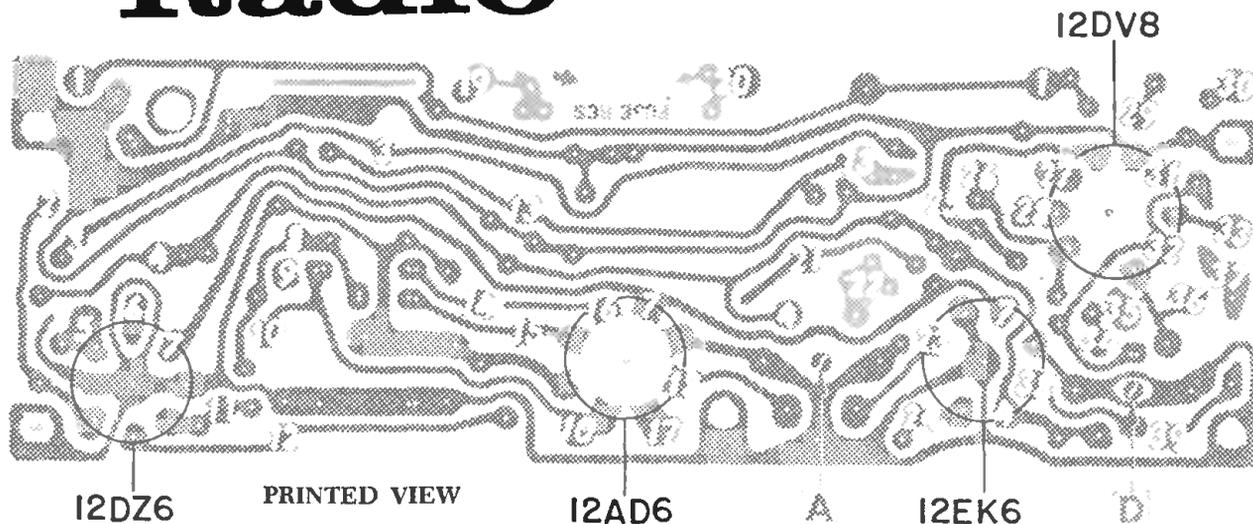
PRINTED CIRCUIT SHOWN IN HEAVY LINES

NOTE: ILLUS. 72 IS FUSE RESISTOR. OPEN FUSE RESISTOR MAKES TRANSISTOR COLLECTOR VOLTAGE 0 VOLTS.

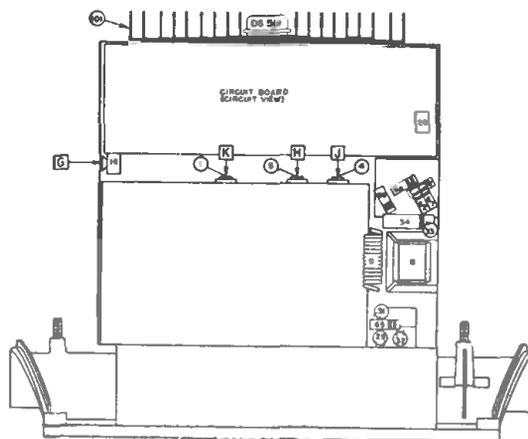
NUMBERS ON PRINTED CIRCUIT BOARD CORRESPOND WITH NUMBERS IN CIRCLES ON SCHEMATIC DIAGRAM.

# Delco Radio

OLDSMOBILE RADIO MODEL 982030



COMPONENT VIEW



CIRCUIT VIEW

## PUSHBUTTON SETUP PROCEDURE

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

## SIGNAL SEEKING TUNER ALIGNMENT PROCEDURE:

NOTE: When aligning the signal seeker tuner type radio, be sure to use a vacuum tube voltmeter as indicated.

Output Meter Connection \_\_\_\_\_ VTVM From AVC Line (#22 Island-Circuit Board) To Chassis  
 Generator Return \_\_\_\_\_ Receiver Chassis  
 Dummy Antenna \_\_\_\_\_ In Series With Generator  
 Sensitivity Control \_\_\_\_\_ Maximum  
 Volume Control \_\_\_\_\_ Maximum Volume  
 Tone Control \_\_\_\_\_ Treble  
 Generator Output \_\_\_\_\_ Not to exceed 2 volts at VTVM

Step	Dummy Antenna	Connect Signal Generator To	Signal Generator Frequency	Tune Receiver To	Adjust In Sequence For Output Indicated
1	0.1 Mfd.	12AD6 Grid (Pin 7)	262 KC	*High Frequency Stop	A, B, C (Max.), D (Min.)
2	.000068 Mfd.	Antenna Connector	1615 KC	High Frequency Stop	**E, F, G (Max.)
3	.000068 Mfd.	Antenna Connector	600 KC	Signal Generator Signal	J, K (Max.)
4	.000068 Mfd.	Antenna Connector	1615 KC	Signal Generator Signal	F, G (Max.)
5	.000068 Mfd.	Antenna Connector	1100 KC	Signal Generator Signal	***L

\*Tune manually towards the high frequency end of dial and stop at the point where the solenoid switch closes.

\*\*Before making this adjustment, check the setting of oscillator core "H." The rear of the core should be 1 5/8" 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 slot on the pointer assembly—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.)