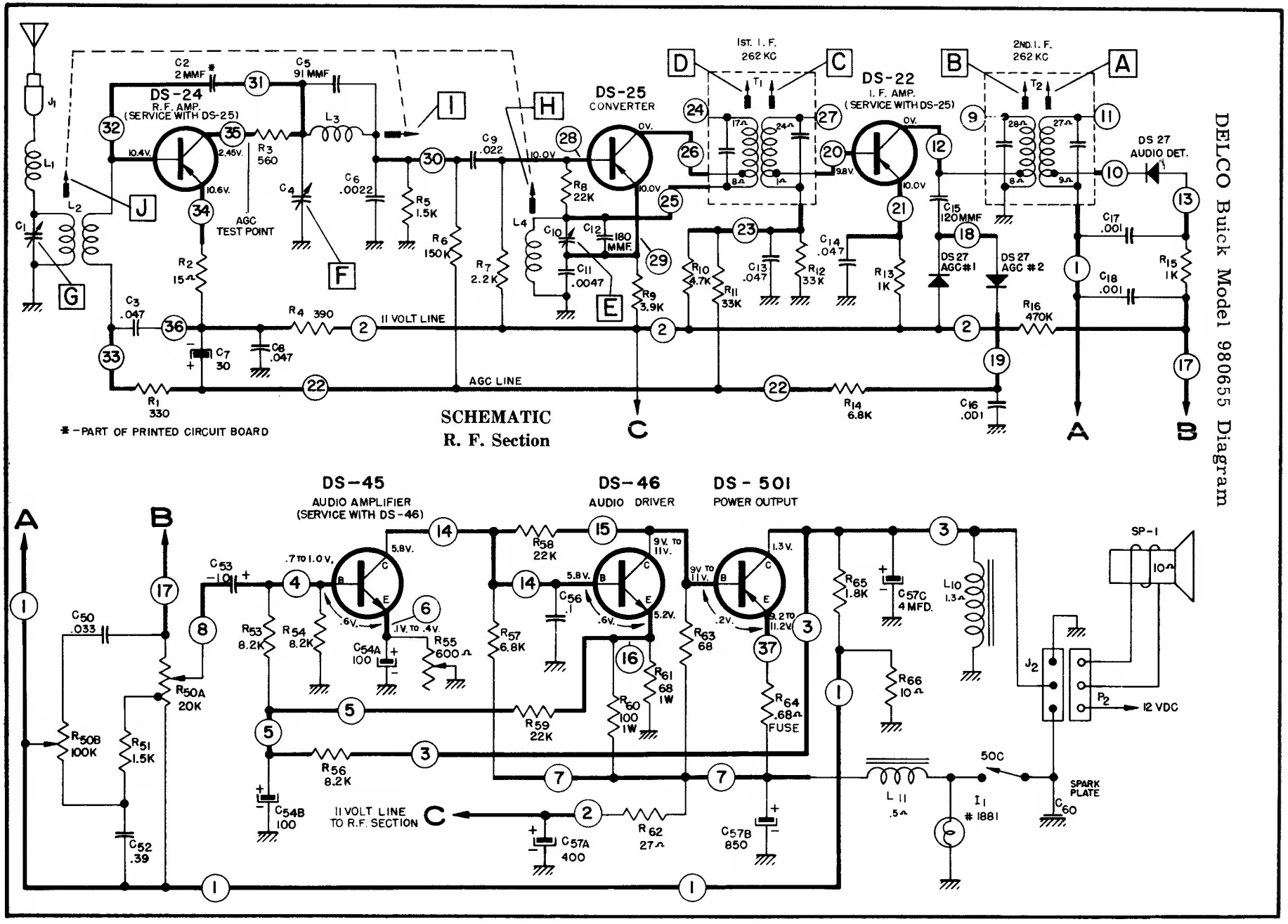
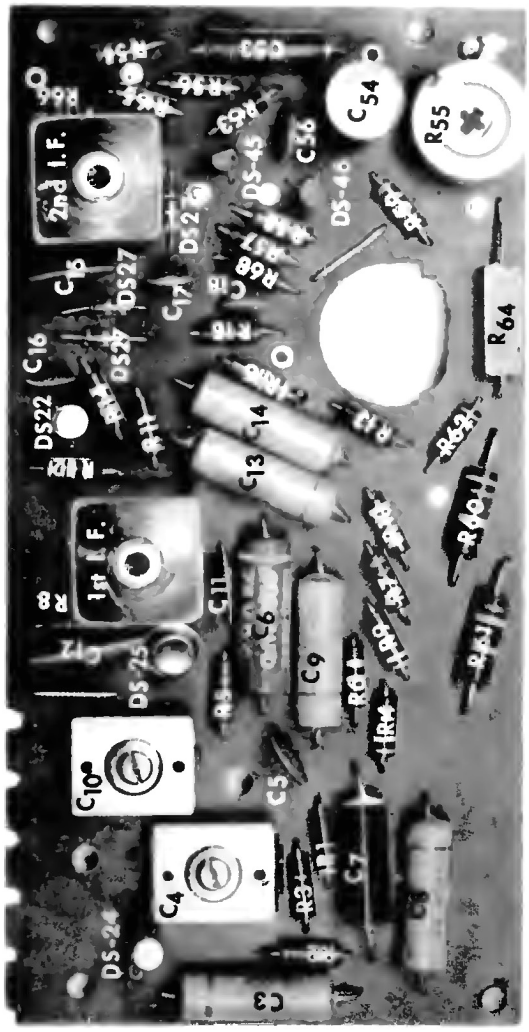
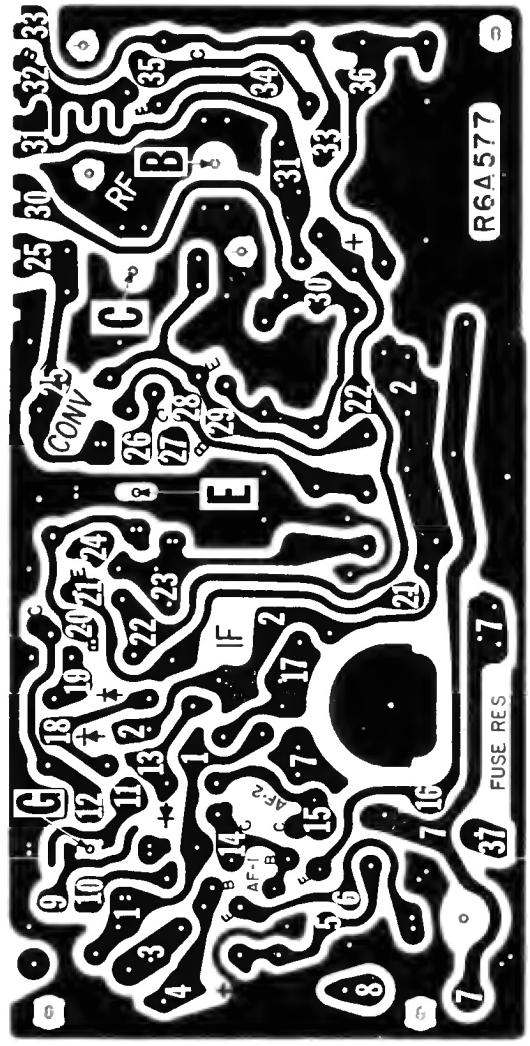

DELCO Buick Model 980655 Diagram
DS-24
R.F. AMP.
(SERVICE WITH DS-25)
DS-25
CONVERTER
DS-22
I. F. AMP.
(SERVICE WITH DS-25)
1ST. I. F.
262 KC
2ND. I. F.
262 KC
DS 27
AUDIO DET.
DS 27
AGC #1
DS 27
AGC #2
AGC
TEST POINT
11 VOLT LINE
AGC LINE
* -PART OF PRINTED CIRCUIT BOARD
SCHEMATIC
R. F. Section
DS-45
AUDIO AMPLIFIER
(SERVICE WITH DS-46)
DS-46
AUDIO DRIVER
DS-501
POWER OUTPUT
SP-1
12 VDC
11 VOLT LINE
TO R.F. SECTION
SPARK
PLATE
FUSE

Tolerance on voltage ±10%, Capacitors in mfd., Resistors in ohms.
Before measuring transistor voltages, a 10 ohm speaker must be connected to radio.
Voltage should be measured from power transistor case to ground. If power transistor is replaced, adjust bias potentiometer (Illus. R-55) to obtain proper collector voltage with 12 volts applied to radio.

CAUTION: Only a 10 ohm speaker should be used on this radio.
Illus. R-64 is a fuse resistor for the power transistor. Service with exact replacement.
Voltages measured terminal to chassis with a volt-ohm meter — no signal and 12 volts applied to radio.
Total battery drain 1.2 amps at 12 volts





ALIGNMENT PROCEDURE

A. Connections
1. A. C. Voltmeter—Across speaker coil.
2. Signal Generator—Connect capacitor (see chart below for value) in series with generator lead and connect to antenna terminal. Connect generator ground lead to chassis.

B. Preliminary Adjustments (in order)
1. Volume control—Maximum volume
2. Radio Tuning Pointer—Extreme right end of dial.
3. Radio tuner cores—Rear of core 1⅜" from end of coil form. Adjustment is made using a plastic alignment tool marked 1⅜" from end.

C. Alignment Adjustments
1. Generator Output—Readable A.C. voltage (½ to 1 volt) across speaker voice coil
2. Proceed according to chart—

STEP	CAPACITOR	SIGNAL GENERATOR FREQUENCY	TUNE RECEIVER TO	ADJUST IN SEQUENCE
a.	.1 mfd.	262 KC	Hi freq. stop	A, B, C, D
b.	82 mmfd.	1615 KC	Hi freq. stop	E, F, G
c.	82 mmfd.	600 KC	Sig. Gen. Freq.	I, J
d.	82 mmfd.	1615 KC	Sig. Gen. Freq.	F, G

IMPORTANT: With the radio installed and the car antenna plugged in, adjust the antenna trimmer "G" for maximum volume with the radio tuned to a weak station between 600 KC and 1000 KC. (Prevents fading and station mixing). The antenna trimmer is located behind the dummy knob and can be adjusted from the front of the radio.