



UNITED MOTORS SERVICE

DIVISION OF GENERAL MOTORS CORPORATION

General Offices - Detroit

AUTO RADIO BULLETIN

Bulletin 6D-851

Chevrolet 986669

Date: 10-1-52

Page 1

**SUBJECT: SERVICE INSTRUCTIONS — CHEVROLET STANDARD
MODEL 986669**

GENERAL

MOUNTING—All 1953 Chevrolet Cars.

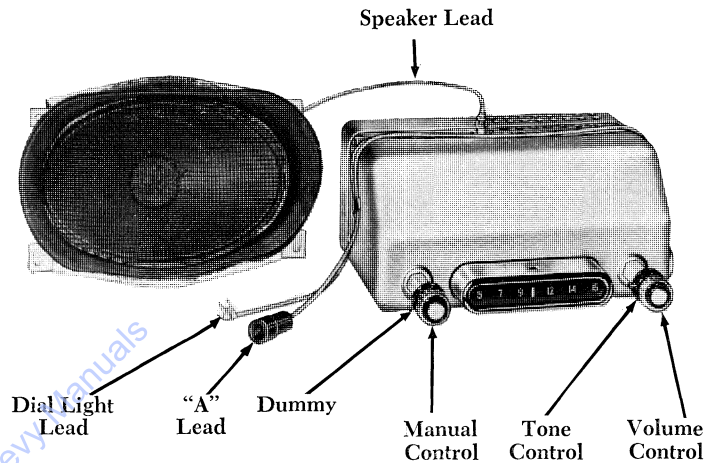
TUBES—Five, plus rectifier.

SPEAKER—6"x9" Elliptical, Permanent Magnet.

TUNING—Manual.

ANTENNA TRIMMER COMPENSATION—For Antennas Between 0.000058 - 0.000090 Mfd.

TUNING RANGE—540-1600 KC.



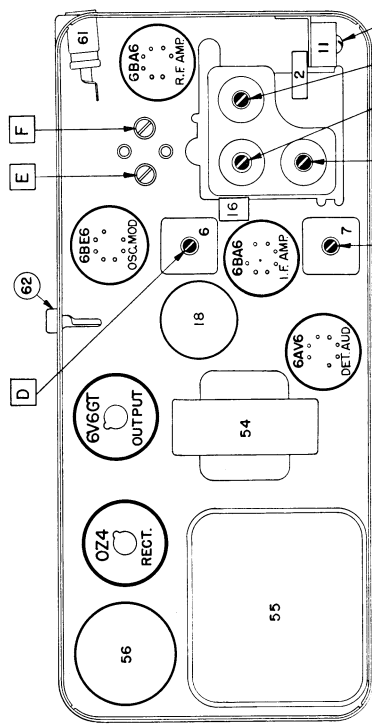
ALIGNMENT PROCEDURE

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
 Generator Output Minimum for Readable Indication

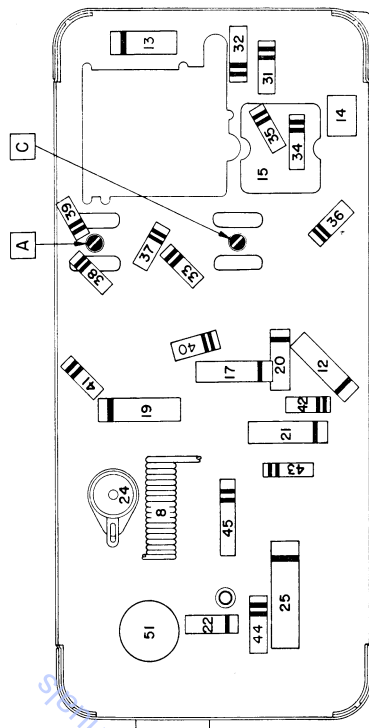
Steps	Series Capacitor or Dummy Antenna	Connect Signal Generator to	Signal Generator Frequency	Tune Receiver to	Adjust in Sequence For Max. Output
1	0.1 Mfd.	6BE6 Grid (Pin #7)	262 KC	High Frequency Stop	A, B, C, D
2	0.000082 Mfd.	Antenna Connector	1615 KC	High Frequency Stop	*E, F, G
3	0.000082 Mfd.	Antenna Connector	1000 KC	Signal Generator Signal	J, K
4	0.000082 Mfd.	Antenna Connector	1615 KC	High Frequency Stop	F, G
5	0.000082 Mfd.	Antenna Connector	900 KC	Signal Generator Signal	**

*Before making this adjustment check mechanical setting of oscillator core "H." The rear of the core should be 1 25/32" 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 an insulated screw driver.

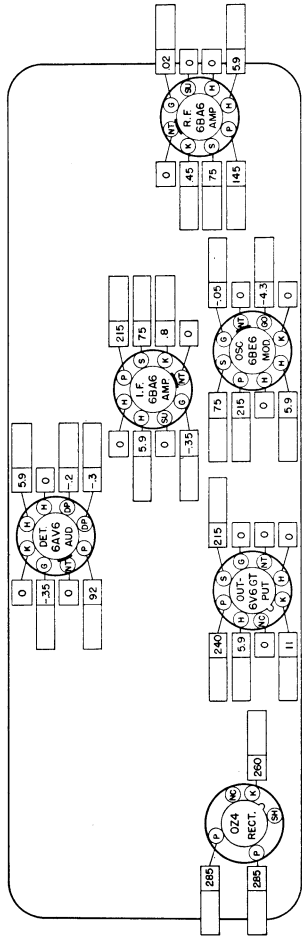
**Tune in 900 KC signal and adjust pointer on the dial cord so that the pointer is on the 900 KC mark of the dial. This setting is to give the correct relationship between the pointer and dial when the radio is installed in a car. With the radio installed and the car antenna plugged in adjust the antenna trimmer "G" for maximum volume with the radio tuned to a weak station between 600 and 1000 KC (see sticker on case).



PARTS LAYOUT — TUBE VIEW



PARTS LAYOUT — CHASSIS VIEW



TUBE SOCKET VOLTAGE CHART

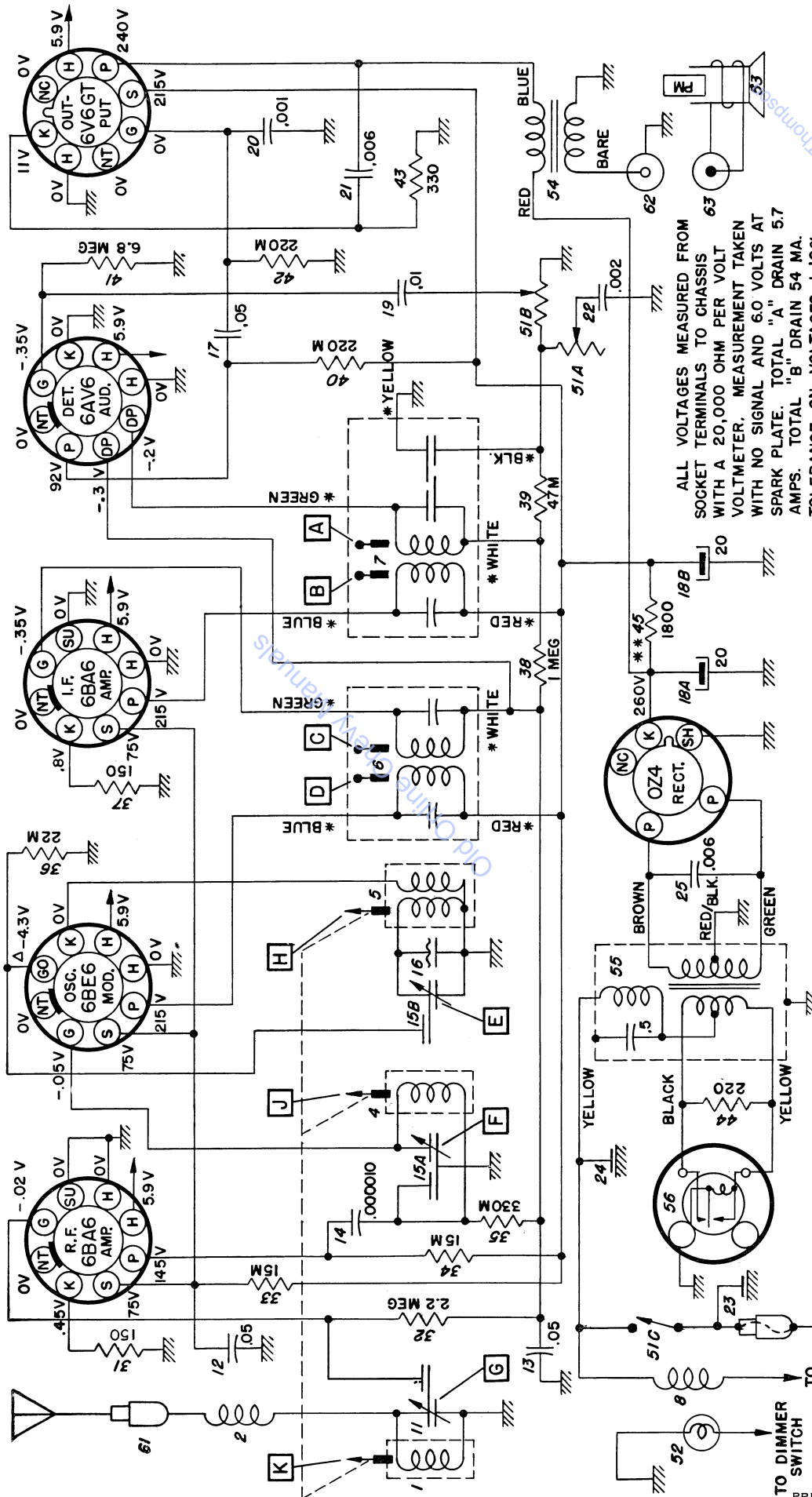
The tube socket voltages, as measured at the factory and under the conditions shown on the schematic diagram on page 3 are shown above. The blank spaces are provided so the serviceman may fill in the actual voltage readings as taken with his own equipment. A normal operating radio should be used for these measurements.

VOLTMETER RESISTANCE..... OHMS PER VOLT

READINGS TAKEN WITH..... VOLTS AT SPARK PLATE

Voltage measured from socket terminals to chassis and are positive unless marked otherwise.

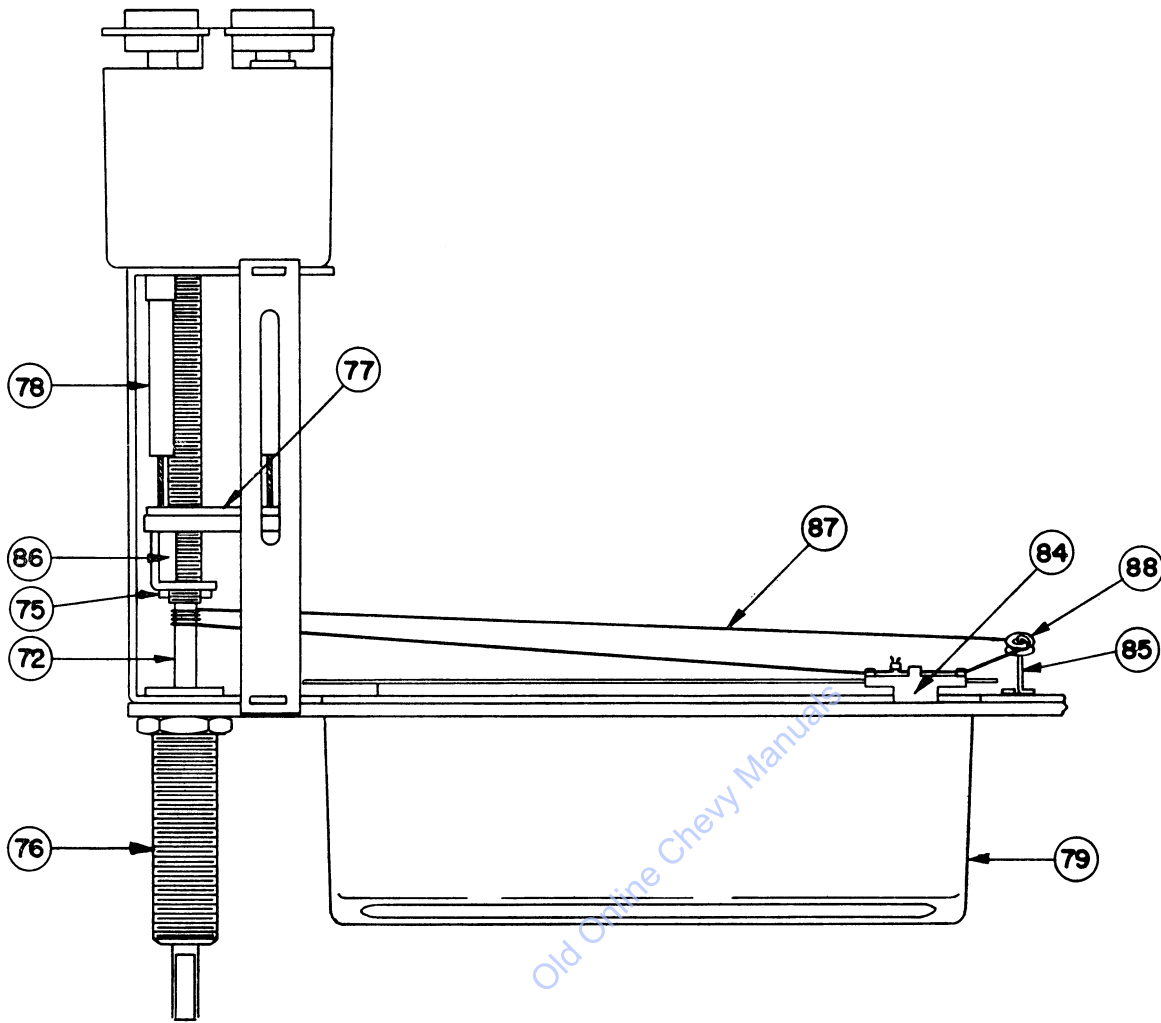
Contributed by G. Thompson



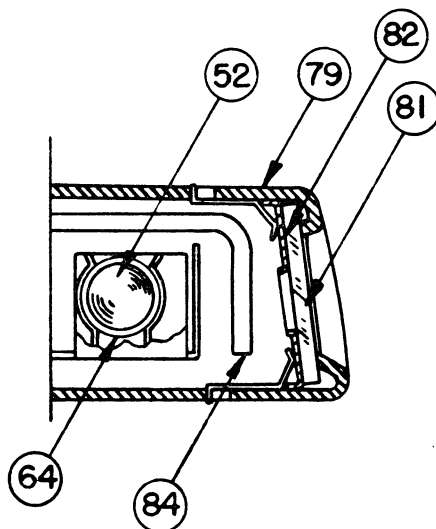
ALL VOLTAGES MEASURED FROM SOCKET TERMINALS TO CHASSIS WITH A 20,000 OHM PER VOLT VOLTMETER. MEASUREMENT TAKEN WITH NO SIGNAL AND 6.0 VOLTS AT SPARK PLATE. TOTAL "A" DRAIN 5.7 AMPS. TOTAL "B" DRAIN 54 MA. TOLERANCE ON VOLTAGES ± 10%.

** - SEE SERVICE PARTS LIST FOR REPLACEMENT
Δ - OSCILLATOR GRID VOLTAGE AT 1000 KC.
* - COLORS OF TERMINALS ON SERVICE PARTS.

CHEVROLET 986669



TUNER



ESCUTCHEON CROSS SECTION

1953 CHEVROLET STANDARD 986669

SERVICE PARTS LIST

Illus. No.	Production Part No.	U.M.S. Part No.	Description
ELECTRICAL PARTS			
Coils			
1	7258914	7258914	Antenna
2	7255738	7255738	Antenna Series Choke
4	7258914	7258914	R. F.
5	7258911	7258911	Oscillator
6	7258188	1218725	1st I.F.
7	7258198	1218726	2nd I.F.
8	7255912	1217846	Hash Choke
Capacitors			
11	7262875	*7262875	Antenna Trimmer
12	7236841	6512	.05 mfd. 400 v. Tubular
13	7236842	6512	.05 mfd. 200 v. Tubular
14	1218371	G-100	.000010 mfd. Molded
15	7263918	△*7263918	Dual Trimmer
15A			R.F. Section
15B			Oscillator Section
16	7262903	7257424	.000180 mfd. Compensating
17	7236841	6512	.05 mfd. 400 v. Tubular
18	7262905	*6309	Electrolytic
18A			20 mfd. 400 v.
18B			20 mfd. 400 v.
19	1208600	6533	.01 mfd. 600 v. Tubular
20	1218883	6527	.001 mfd. 600 v. Tubular
21	1219084	H-602	.006 mfd. 800 v. Tubular
22	1219632	6528	.002 mfd. 600 v. Tubular
23	7262937	*7262937	Spark Plate
24	1217848	1217848	Chassis Plate Capacitor
25	7240906	H-602	.006 mfd. 1600 v. Tubular
Resistors			
31	1213220	A-151	150 Ohms ½ W. Insulated
32	1211147	A-225	2.2 Megohms ½ W. Insulated
33	7233653	C-153	15,000 Ohms 2 W. Insulated
34	7237595	B-153	15,000 Ohms 1 W. Insulated
35	7240732	A-334	330,000 Ohms ½ W. Insulated
36	1211192	A-223	22,000 Ohms ½ W. Insulated
37	1213220	A-151	150 Ohms ½ W. Insulated
38	7238873	A-105	1 Megohm ½ W. Insulated
39	7240731	A-473	47,000 Ohms ½ W. Insulated
40	1213479	A-224	220,000 Ohms ½ W. Insulated
41	7241937	A-685	6.8 Megohms ½ W. Insulated
42	1213479	A-224	220,000 Ohms ½ W. Insulated
43	7233773	B-331	330 Ohms 1 W. Insulated
44	1219738	B-221	220 Ohms 1 W. Insulated
45	1214573	{ C-272	1800 Ohms 2 W. Wire Wound (Replace With
		{ B-562	2700 Ohms 2 W. and 5600 Ohms 1 W. in Parallel)
Tubes			
	1217690	6BA6	6BA6
	1217691	6BE6	6BE6
	1218506	6AV6	6AV6
	1213793	6V6GT	6V6GT
	1211924	0Z4	0Z4
Miscellaneous-Electrical			
51	7262941	*7262941	Control — Volume, Tone and Switch
51A			Tone Control
51B			Volume Control
51C			Switch
52	187189	44	Lamp — Dial
53	7262198	*6112	Speaker — 6x9 Elliptical P.M.
54	7262812	6062	Transformer — Output
55	7261386	*1220163	Transformer — Power
56	7239124	8542	Vibrator

△In early production 7242454 Dual Trimmer was used with a .000100 mfd. Capacitor in shunt.
 When replacing this combination with 7263918 leave off the .000100 mfd. Capacitor.

1953 CHEVROLET STANDARD 986669 (Con't)

SERVICE PARTS LIST

Illus. No.	Production Part No.	U.M.S. Part No.	Description
MECHANICAL PPARTS			
Chassis			
61	7239475	7239475	Socket — Antenna
	7258073	6072	Socket — 7 Pin Miniature
	7236279	6070	Socket — Octal Tube
	7239125	6036	Socket — Vibrator
62	1216747	*1216747	Socket — Speaker Jack
63	1851850	*1851850	Plug — Speaker
64	7262904	*1220179	Socket — Dial Light
TUNER			
71	1220165	*1220165	Tuning Shaft Assembly
72	7262935	*7262935	Tuning Shaft
73	7257400	7257400	Spring Washer
74	7258783	*7258783	"C" Washer
75	443111	*443111	Groove Pin
76	7262907	*7262907	Bushing—Manual Drive Shaft
77	7262919	*7262919	Core Bar Assembly
78	7259201	7259201	Core — Iron Tuning
79	7262926	*7262926	Escutcheon Assembly
80	7262915	*7262915	Dial Gasket
81	7262934	*7262934	Dial
82	7262927	*7262927	Dial Backplate
83	7262914	*7262914	Spring — Dial Retainer
84	7262908	*7262908	Pointer Assembly
85	7262917	*7262917	Spring — Dial Cord Guide
86	7262922	*7262922	Spring — Manual Drive
87	85451-R	**6040	Cord — Dial
88	7263593	*7263593	Pulley — Dial Cord Drive
INSTALLATION PARTS			
	1911095	6030	Capacitor — Generator
	1910147	6030	Capacitor — Ignition Coil
	1917580	6030	Capacitor — Voltage Regulator
	147685	147685	Fuse
		1218728	Fuse Holder Assembly
	1219181		Ferrule, Spring and Bushing
	7257921		Fuse Holder Body — Male
	1216212		Fuse Holder Body — Female
	7262190	*7262190	Knob — Control
	7262188	*7262188	Knob — Dummy
	7262189	*7262189	Knob — Tone Control
	7262800	*7262800	Mounting Brace Assembly
	7262202	*7262202	Speaker Mounting Bracket —Left Hand
	7262200	*7262200	Speaker Mounting Bracket — Right Hand
	7257984	7257984	Serrated Pad
	494786	6009	Static Collector
	3700414	*3700414	Trim Plate

* Parts First Used In 1953

** Dial Cord Is 18 Inches Long. 6040 Is 100 ft. Spool Of This Cord.