

VOLTAGES MEASURED TERMINAL TO CHASSIS WITH A VTVM - NO SIGNAL AND 12.0 VOLTS AT ILLUS 22.

OSCILLATOR GRID VOLTAGE TAKEN WITH SET TUNED TO 1000 KC.

TOTAL "A" DRAIN AT 12 V - 1.6 AMPS.

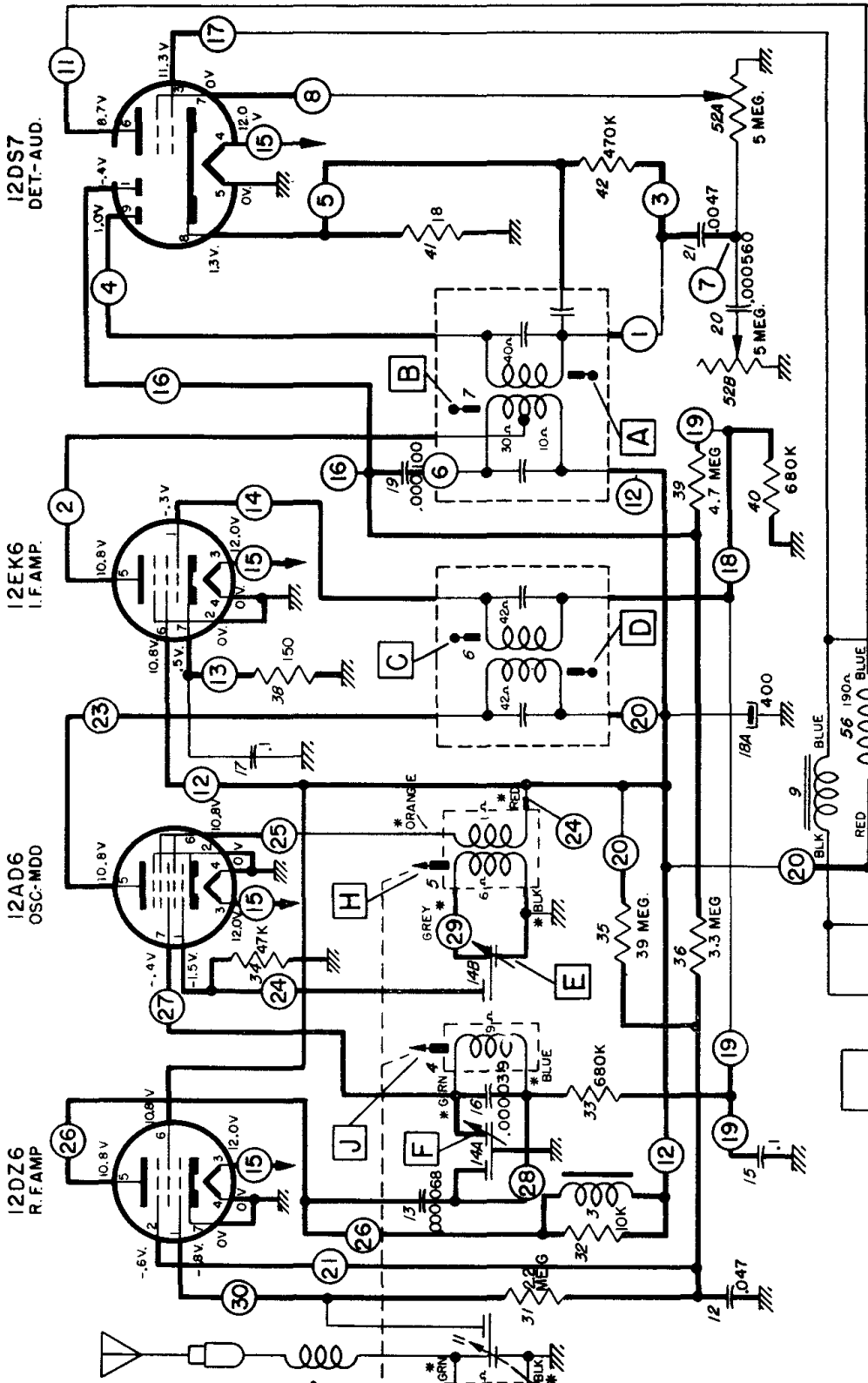
TOLERANCE ON VOLTAGES ± 10%

* - INDICATES LEAD FROM TUNER COIL ASSY

** - 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 51) TO OBTAIN PROPER COLLECTOR VOLTAGE WITH 12 VOLTS INPUT TO RADIO

+ - ILLUS 46 IS A FUSE RESISTOR FOR THE TRANSISTOR

□ - THIS CAPACITOR WILL NOT APPEAR IN ALL RADIOS IT SHOULD BE REMOVED IF TRANSISTOR IS REPLACED.



IRON CORE ALIGNMENT

ILLUSTRATION 46 IS A FUSE RESISTOR. AN OPEN FUSE RESISTOR WILL MAKE TRANSISTOR COLLECTOR VOLTAGE 0 VOLTS

MOUNTING—All 1959 Chevrolet Cars.

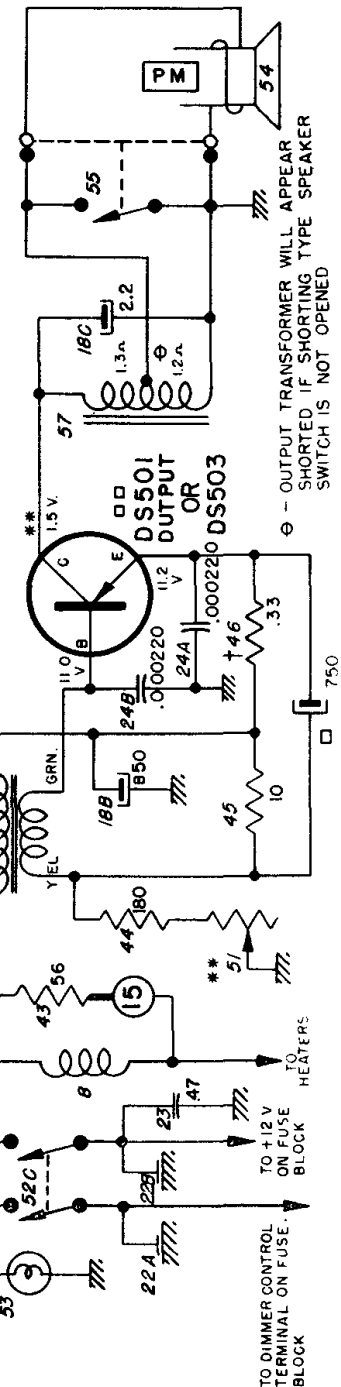
TUBES—Four.

TRANSISTOR—One.

SPEAKER—6"x9" Elliptical, Permanent Magnet.

ANTENNA TRIMMER COMPENSATION—For Antennas Between 0.000050 - .000100 Mfd.

TUNING RANGE—540-1600 KC.



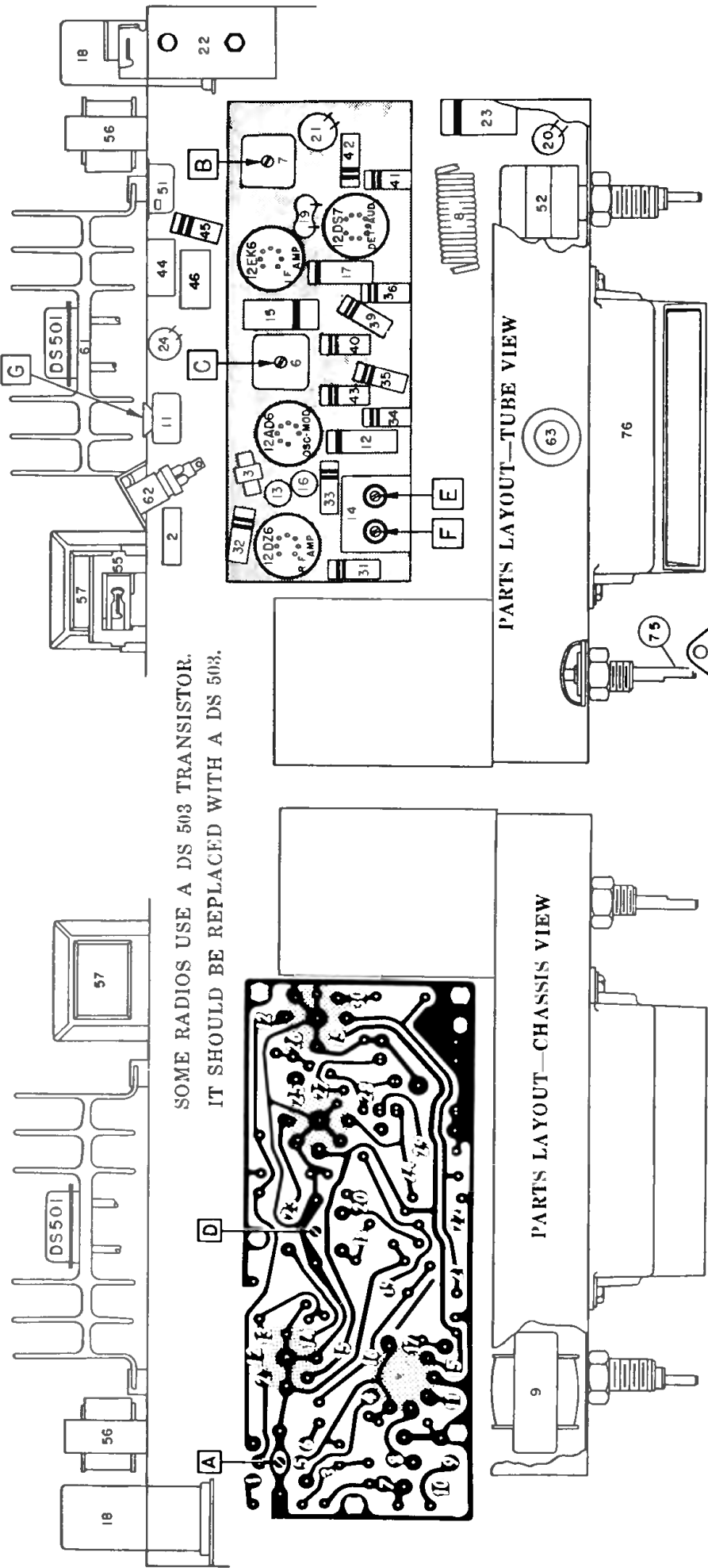
CHEVROLET 987888—PRINTED CIRCUIT SHOWN IN HEAVY LINES.

□ - TRANSISTOR SHOULD BE REPLACED WITH SAME NUMBER SHOWN

⊖ - OUTPUT TRANSFORMER WILL APPEAR SHORTED IF SHORTING TYPE SPEAKER SWITCH IS NOT OPENED

DELCO

CHEVROLET MODEL 987888



SOME RADIOS USE A DS 503 TRANSISTOR.
IT SHOULD BE REPLACED WITH A DS 503.

NUMBERS ON PRINTED CIRCUIT BOARD CORRESPOND
WITH NUMBERS IN CIRCLES ON SCHEMATIC DIAGRAM.
CONNECT A. C. VOLT-METER ACROSS SPEAKER VOICE
COIL DURING ALIGNMENT.

ALIGNMENT PROCEDURE

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	0.000082 Mfd.	Antenna Connector	1615 KC	High Frequency Stop	*E, F, G,
3	0.000082 Mfd.	Antenna Connector	600 KC	Signal Generator Signal	J, K
4	0.000082 Mfd.	Antenna Connector	1615 KC	High Frequency Stop	F, G

*Before making this adjustment check mechanical setting of oscillator core "H." The rear of the core should be 1 1/2" 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 screw driver.

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.)

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

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