

EMERSON RADIO Model 880, "ATLAS," "EXPLORER," "VANGUARD,"
 (For alignment points and transistor locations, see drawing on page 35)
 Chassis 120485

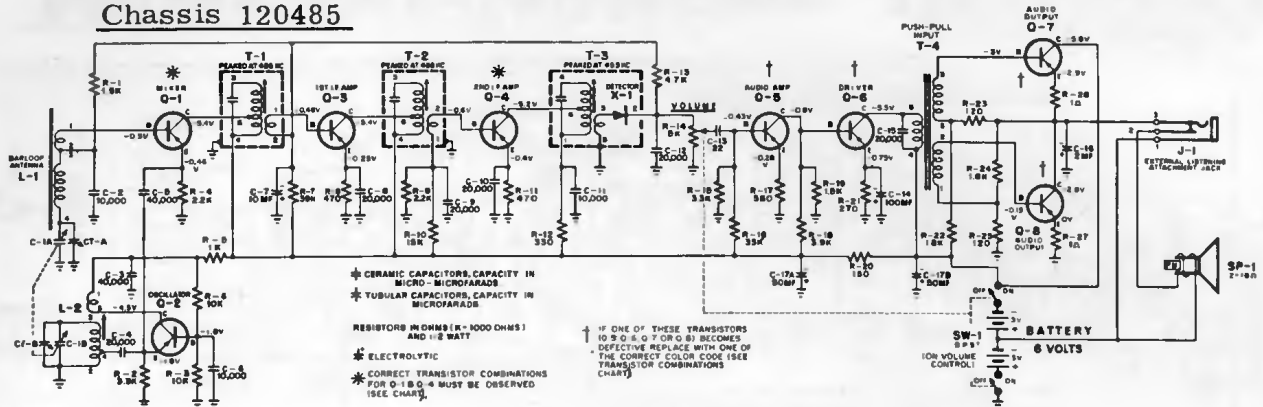
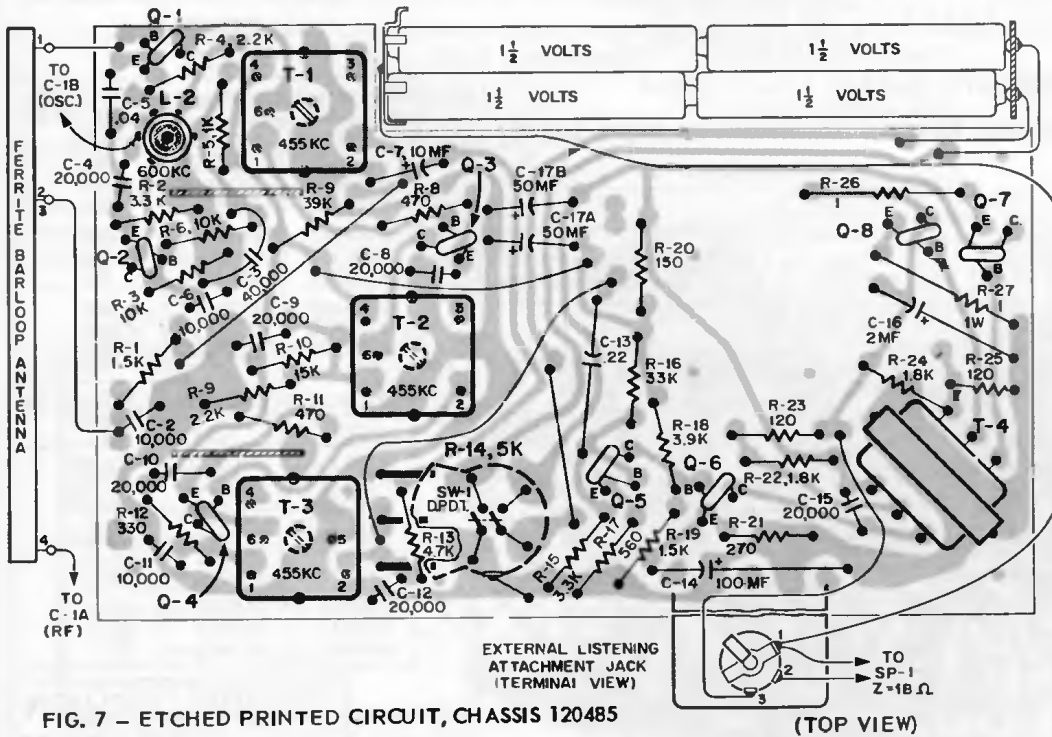


FIG. 6 - SCHEMATIC DIAGRAM, CHASSIS 120485 (VOLTAGE READING CONDITIONS)



TRANSISTOR REPLACEMENT INFORMATION*

TRANSISTOR PAIRS	
Q1	Q4
815051H	815054A
815051A	815054B

FIG. 7 - ETCHED PRINTED CIRCUIT, CHASSIS 120485

CONDITIONS FOR VOLTAGE READINGS

1. Voltages indicated are positive D.C.
2. All Measurements taken between points and chassis.
3. Voltage measurements taken with:
 - (a) VTVM
 - (b) Fresh 6 Volt battery supply. Four 1½ Volt conventional penlight cells.
 Note: Should Mercury or Nickel-Cadmium batteries be used, an approx. 15% lower voltage reading will be obtained from the battery supply which is considered to be perfectly normal. Bear in mind that the voltage supply will vary slightly with the type and condition of batteries used.
 - (c) Volume control set for minimum volume.
 - (d) Variable capacitor fully closed and no signal applied.
5. Nominal tolerances in component values make possible a variation of ± 15% in readings.

Caution - When taking voltage checks, avoid accidental shorting across transistor leads as it may cause transistor damage. Do not use a non-vacuum tube-type voltmeter as the relatively low shunt resistance of this type of voltmeter can easily disrupt the transistor bias and result in erroneous readings as well as damage to the transistor.

Q-5 - 1ST AUDIO 815055	Q-6 - DRIVER 815056	Q-7 & Q-8 - OUTPUT 815057
ANY COLOR	Yellow Dot	Yellow Dot
	Green Dot	Orange Dot
	Blue Dot	Red Dot
	Violet Dot	Brown Dot

NOTE: * Because of the small physical size of the transistors, the 1st three digits, "815" have been replaced by the letter, "E" for Emerson. The "E" also signifies that these transistors have been made to our design tolerances.

These sets utilize an etched circuit board chassis 120374 and 120485 identified by part number 630225 and 630243 respectively. The part number can be found on the etched circuit side of board. A paper label located on the external connection jack, containing the last three digits of the chassis number, is another means of identifying the chassis.

CAUTION: As with all transistorized equipment, do not place close to a hot radiator nor keep in an unventilated area such as the rear window shelf in an automobile. High heat might cause damage.