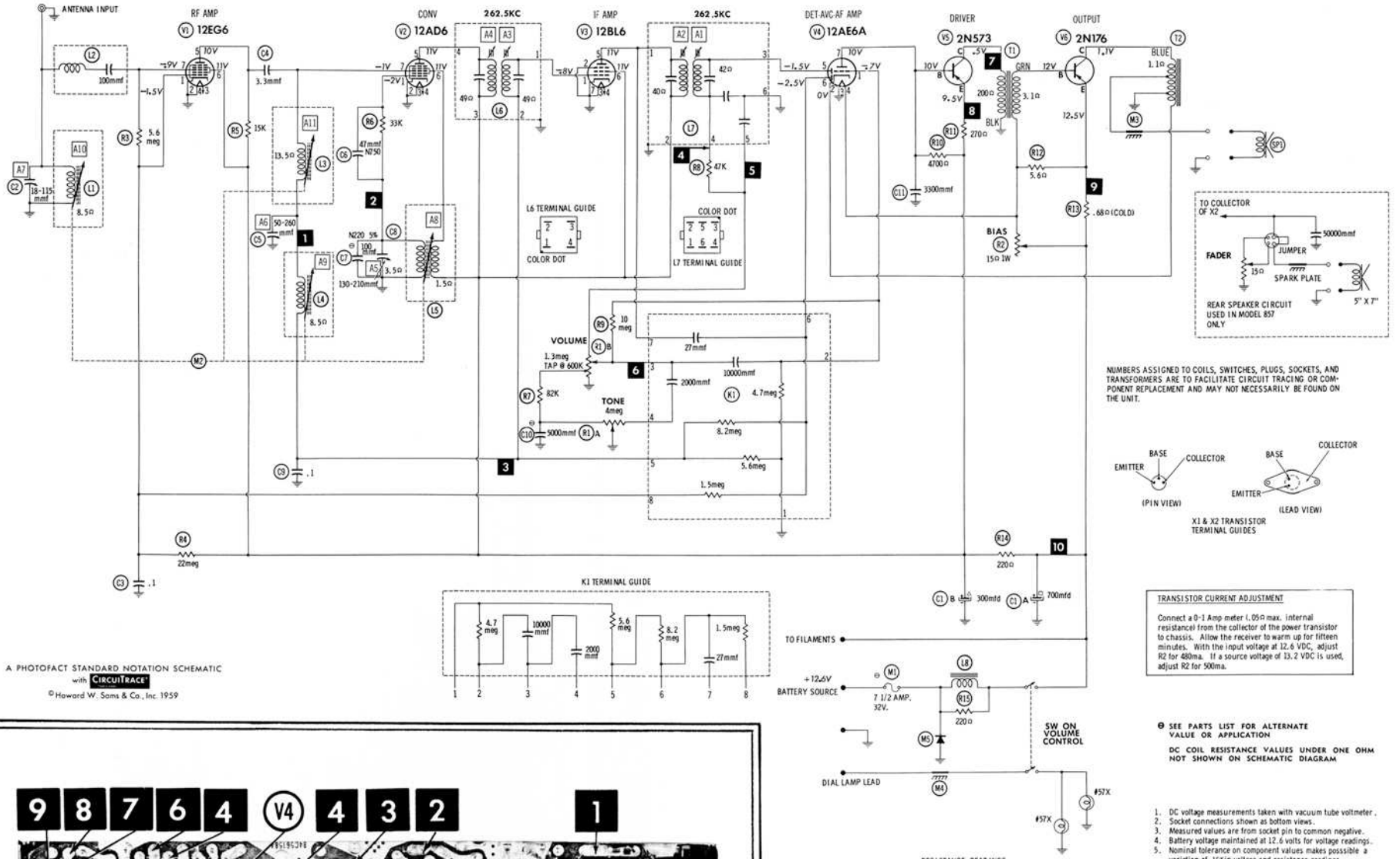


NUMBERS ASSIGNED TO COILS, SWITCHES, PLUGS, SOCKETS, AND TRANSFORMERS ARE TO FACILITATE CIRCUIT TRACING OR COMPONENT REPLACEMENT AND MAY NOT NECESSARILY BE FOUND ON THE UNIT.

X1 & X2 TRANSISTOR TERMINAL GUIDES

TRANSISTOR CURRENT ADJUSTMENT

Connect a 0-1 Amp meter (.05Ω max. internal resistance) from the collector of the power transistor to chassis. Allow the receiver to warm up for fifteen minutes. With the input voltage at 12.6 VDC, adjust R2 for 480ma. If a source voltage of 13.2 VDC is used, adjust R2 for 500ma.

Θ SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION

DC COIL RESISTANCE VALUES UNDER ONE OHM NOT SHOWN ON SCHEMATIC DIAGRAM

RESISTANCE READINGS

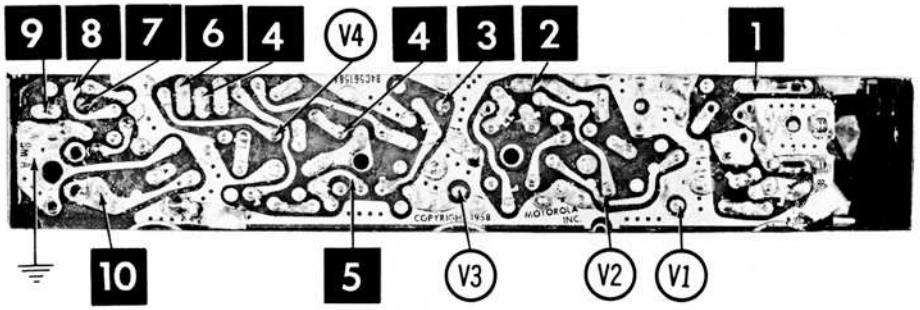
ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7
V1	12EG6	10meg	0Ω	3Ω	0Ω	†15K	†220Ω	16meg
V2	12AD6	33K	0Ω	0Ω	3Ω	†270Ω	†220Ω	5.6meg
V3	12BL6	5.6meg	0Ω	0Ω	3Ω	†260Ω	†220Ω	0Ω
V4	12AE6A	4.7meg	.1Ω	0Ω	3Ω	1.3meg	10meg	¶5000Ω

TRANSISTOR CIRCUIT RESISTANCE NOT GIVEN BECAUSE OF THE WIDE VARIATION IN INTERNAL TRANSISTOR RESISTANCE.

† MEASURED FROM POSITIVE TERMINAL OF C1A AND R14.

¶ X1 REMOVED FOR MEASUREMENT.

1. DC voltage measurements taken with vacuum tube voltmeter.
2. Socket connections shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Battery voltage maintained at 12.6 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.



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ARROWS INDICATING TUBE LOCATIONS ARE POINTING TO PIN 1 UNLESS OTHERWISE INDICATED

MOPAR
MODELS 856, 857