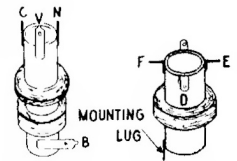


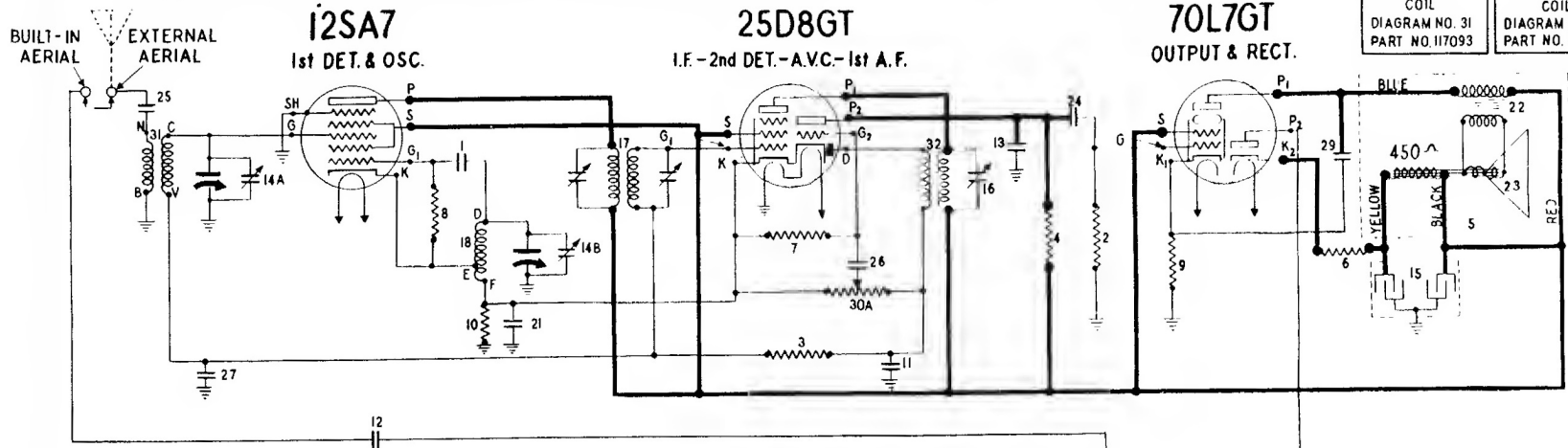
STEWART-WARNER "AIR-PAL" RECEIVER MODEL A-6S (07-32 CHASSIS)

THIS MANUAL APPLIES ONLY TO THE RECEIVER MARKED A-6S.

A SEPARATE MANUAL HAS BEEN ISSUED FOR THE RECEIVER MARKED A-6.



ANTENNA COIL DIAGRAM NO. 31 PART NO. 117093	OSCILLATOR COIL DIAGRAM NO. 18 PART NO. 116609
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SOCKET VOLTAGES

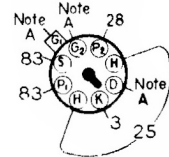
VOLUME CONTROL SET AT MAXIMUM VOLUME POSITION
ANTENNA GROUNDED DIAL TUNED TO 540 KC.

BOTTOM VIEW

VOLTAGES MEASURED TO CHASSIS
LINE VOLTAGE 117 VOLTS

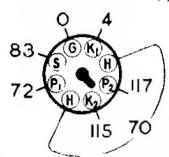
25D8GT

I.F. - 2nd DET. - AVC. - 1st A.F.



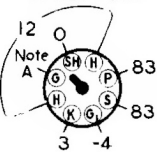
70L7GT

OUTPUT & RECT.



12SA7

1st DET. & OSC.

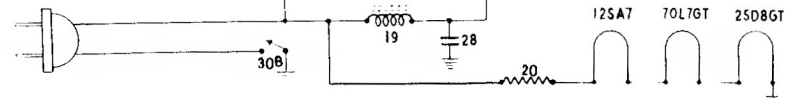


VOLTAGE ACROSS
SPEAKER FIELD
29 VOLTS

REAR OF CHASSIS

NOTE A: Due to the high resistance of resistors No. 3, No. 7, and No. 30A, only a very slight deflection will be obtained on a meter having a resistance of 1000 ohms per volt.

I.F.
455 KC.



- | | | | |
|---------|---|----------|--|
| 17 | Transformer—1st I.F. | 1 | Condenser—mica, 110 mml. |
| 18 | Coil—oscillator | 2 | Resistor—insulated, 470,000 ohms, 1/4 watt |
| 19 | Coil—R. F. Choke | 3 | Resistor—insulated, 1 megohm, 1/4 watt |
| 20 | Resistor—65 ohms, 2 watts, Wire Wound | 4 | Resistor—insulated, 220,000 ohms, 1/4 watt |
| 21 | Condenser—.1 mfd., 600 volt | 5 | Speaker—dynamic 3" |
| 22 | Transformer—output for R115053 speaker | 6 | Resistor—50 ohm, 1 watt |
| 23 | Cone & Voice coil assembly for R-115053 speaker | 7 | Resistor—insulated, 10 megohm, 1/4 watt |
| 24 | Condenser—.01 mfd., 600 volt | 8 | Resistor—insulated, 22,000 ohm, 1/4 watt |
| 25-26 | Condenser—.004 mfd., 600 volt | 9 | Resistor—insulated, 100 ohm 1/2 watt |
| 27 | Condenser—.05 mfd., 600 volt | 10 | Resistor—insulated, 100 ohm, 1/4 watt |
| 28-29 | Condenser—.02 mfd., 600 volt | 11-12-13 | Condenser—mica, 260 mml. |
| 30A-30B | Volume control (500,000 ohms—with switch) | 14A-14B | Condenser—2 gang tuning |
| 31 | Coil—antenna | 15 | Condenser—electrolytic, Dual 20 mfd., 150 volt |
| 32 | Transformer—2nd I.F. | 16 | Condenser—trimmer for 2nd I.F. |