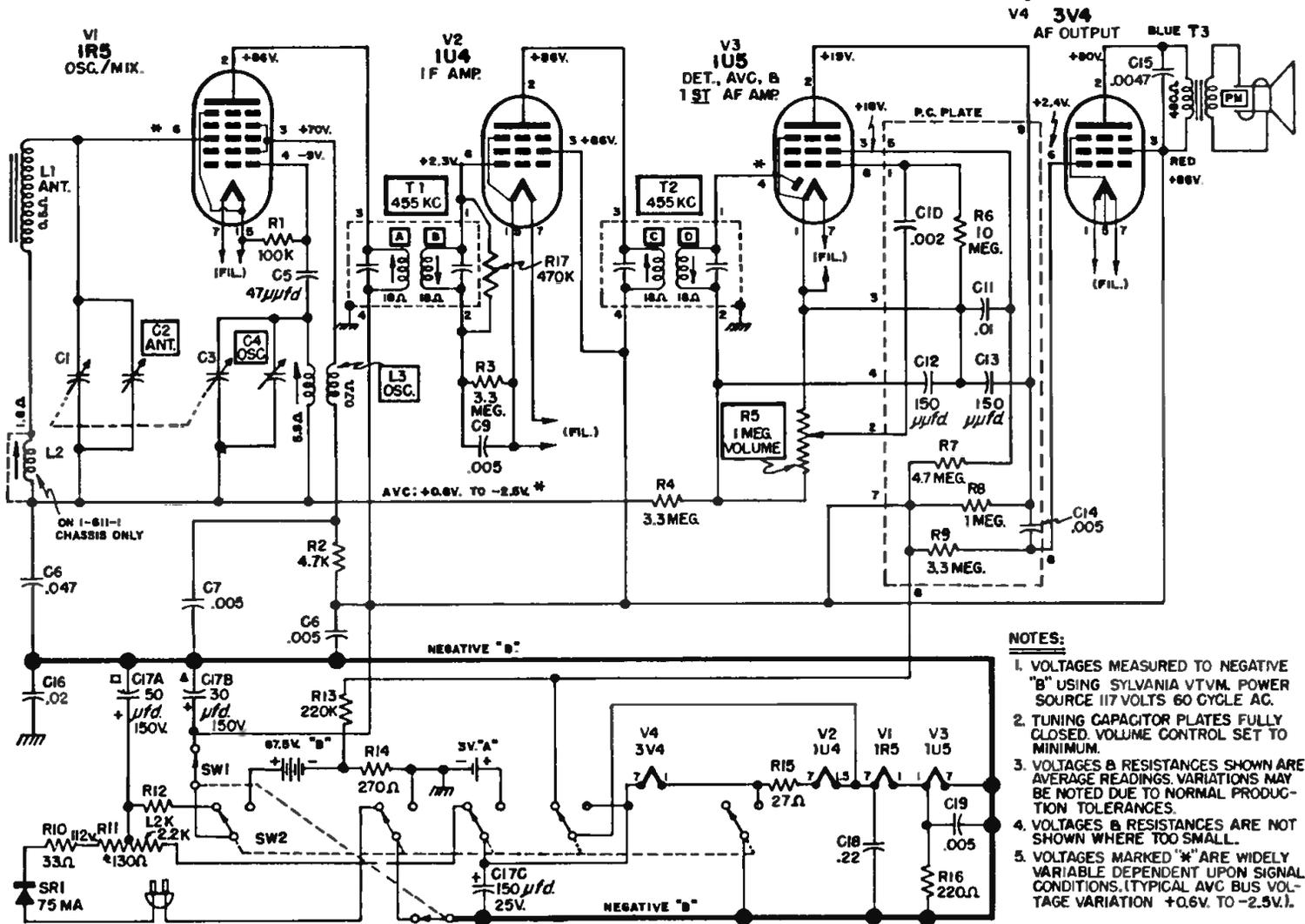


CHASSIS: 1-610-1, 1-611-1
MODELS: 3201 SERIES; 3302 SERIES



- NOTES:**
1. VOLTAGES MEASURED TO NEGATIVE "B" USING SYLVANIA VTVM. POWER SOURCE 117 VOLTS 60 CYCLE AC.
 2. TUNING CAPACITOR PLATES FULLY CLOSED. VOLUME CONTROL SET TO MINIMUM.
 3. VOLTAGES & RESISTANCES SHOWN ARE AVERAGE READINGS. VARIATIONS MAY BE NOTED DUE TO NORMAL PRODUCTION TOLERANCES.
 4. VOLTAGES & RESISTANCES ARE NOT SHOWN WHERE TOO SMALL.
 5. VOLTAGES MARKED "*" ARE WIDELY VARIABLE DEPENDENT UPON SIGNAL CONDITIONS. (TYPICAL AVC BUS VOLTAGE VARIATION +0.6V. TO -2.5V.).

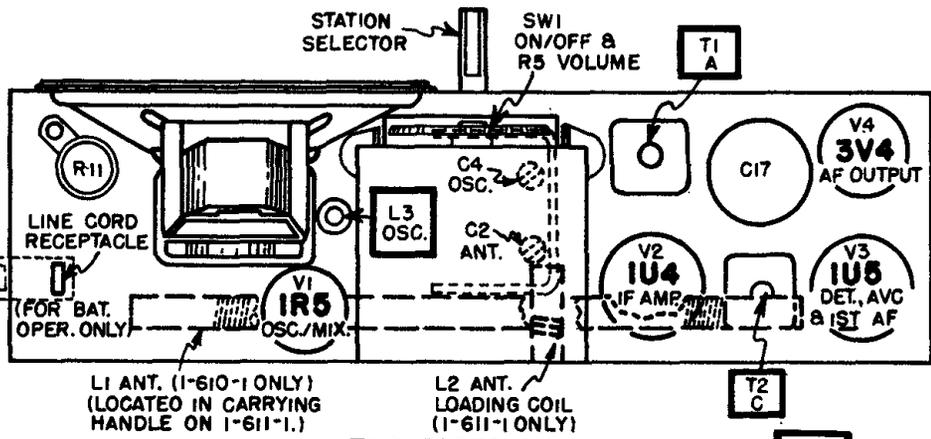
CHASSIS REMOVAL

1. Remove Station Selector knob.
2. ON MODEL 3201 ONLY, remove back cover as follows:
 - a. Insert a pencil or any similar object into the hole in center of cabinet bottom.
 - b. Depress the spring catch by means of the pencil or similar object and lift back cover simultaneously.
3. ON MODEL 3302 ONLY, open back cover by pushing up on slide catch on rear of cabinet.

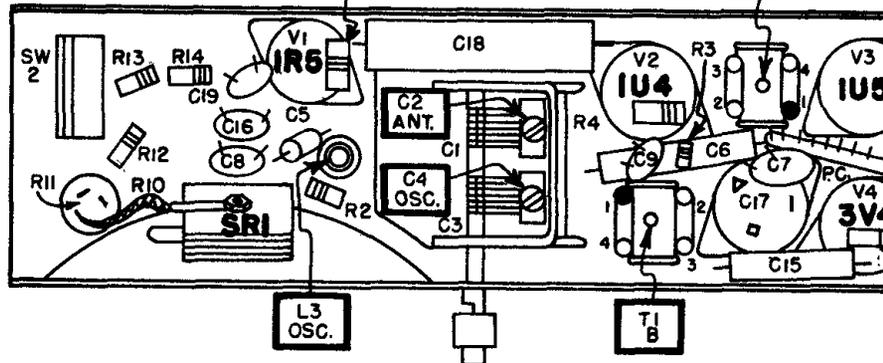
4. Remove "A" battery connectors from cabinet mountings.
5. ON MODEL 3302 ONLY, disengage line cord retainer on side of cabinet and remove antenna connector pins on inside top of cabinet.
6. Remove three (3) chassis mounting screws shown in appropriate sketch below.
7. Remove chassis from cabinet by shifting chassis slightly toward cabinet bottom and simultaneously by lifting chassis from cabinet.

SYLVANIA

Chassis 1-610-1, 1-611-1,
Models 3201, 3302.



TOP PARTS LAYOUT



BOTTOM PARTS LAYOUT

ALIGNMENT PROCEDURE

Remove radio chassis from cabinet. On Model 3302, remove handle and antenna assembly and connect to chassis.

Set signal generator for an RF output signal amplitude modulated (AM) by 400 cycles.

Use either an audible check or an AC voltmeter connected across speaker voice coil to indicate output.

Adjust Volume control to full volume.

STEP	ALIGNMENT SET-UP NOTES	TEST EQUIPMENT HOOK-UP	ADJUST
1.	Set variable tuning capacitor plates fully closed (maximum capacity).	SIGNAL GENERATOR - "hot" lead through .1 mfd. capacitor to pin 6 of V1 (1R5); ground lead to negative "B". Set generator to 455 KC. AC VOLTMETER - across speaker voice coil.	T2-D for MAXIMUM output. T2-C for MAXIMUM output. T1-B for MAXIMUM output. T1-A for MAXIMUM output. REPEAT for optimum performance.
2.	Set variable tuning capacitor plates fully open (minimum capacity).	SIGNAL GENERATOR - "hot" lead through .1 mfd. capacitor to pin 6 of V1 (1R5); ground lead to negative "B". Set generator to 1620 KC.	C4 for MAXIMUM output.
3.	Set variable tuning capacitor plates so plates are meshed approximately 3/16 inch. Adjust this setting slightly to eliminate any interfering signals.	SIGNAL GENERATOR - radiate signal to receiver through a loop of several turns of wire. Set generator to a frequency corresponding to receiver tuning capacitor setting (until signal is heard through receiver speaker).	C2 for MAXIMUM output.
4.	Set variable tuning capacitor plates fully closed (maximum capacity).	SIGNAL GENERATOR - "hot" lead through .1 mfd. capacitor to pin 6 of V1 (1R5); ground lead to negative "B". Set generator to 540 KC.	L3 for MAXIMUM output.
5.	Repeat step 3.		