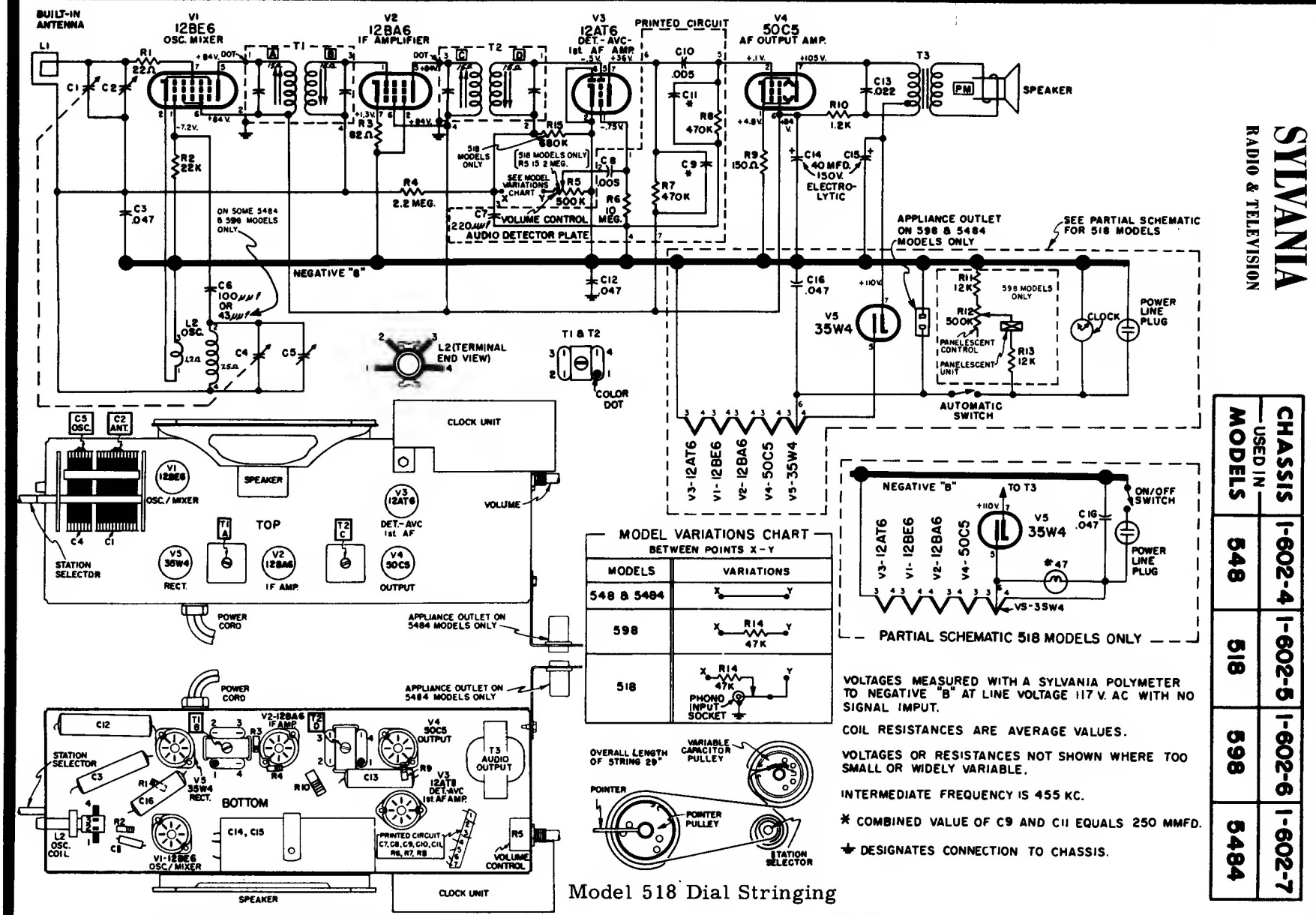


SYLVANIA
RADIO & TELEVISION

CHASSIS USED IN MODELS	I-602-4	I-602-5	I-602-6	I-602-7
548				
518				
598				
5484				

VOLTAGES MEASURED WITH A SYLVANIA POLYMETER TO NEGATIVE "B" AT LINE VOLTAGE 117 V. AC WITH NO SIGNAL IMPUT.

COIL RESISTANCES ARE AVERAGE VALUES.

VOLTAGES OR RESISTANCES NOT SHOWN WHERE TOO SMALL OR WIDELY VARIABLE.

INTERMEDIATE FREQUENCY IS 455 KC.

* COMBINED VALUE OF C9 AND C11 EQUALS 250 MMFD.

⏚ DESIGNATES CONNECTION TO CHASSIS.

Model 518 Dial Stringing

PARTS LAYOUT - MODELS 548 and 5484

DIAGRAM - MODELS 518, 548, 5484 and 598

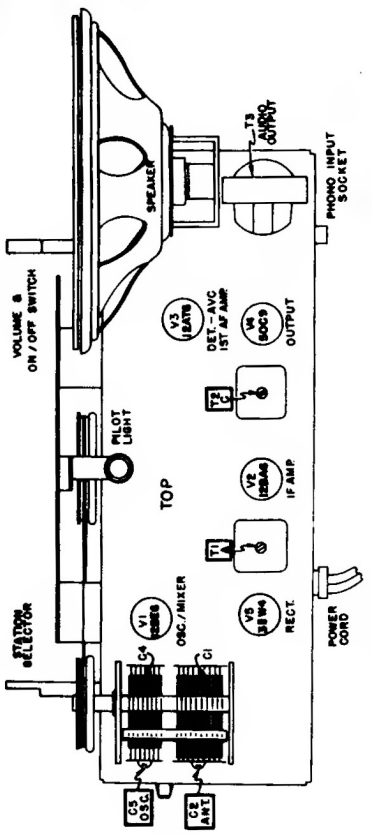
SYLVANIA Chassis 1-602-4, 1-602-5, 1-602-6, 1-602-7, used in Models 548, 518, 598, 5484

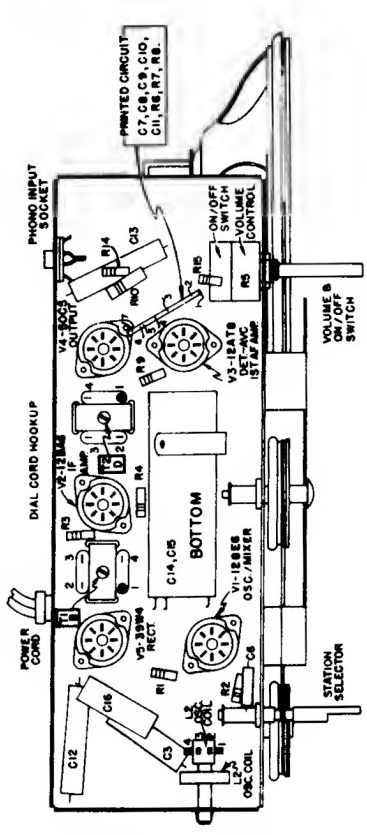
ALIGNMENT PROCEDURE

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

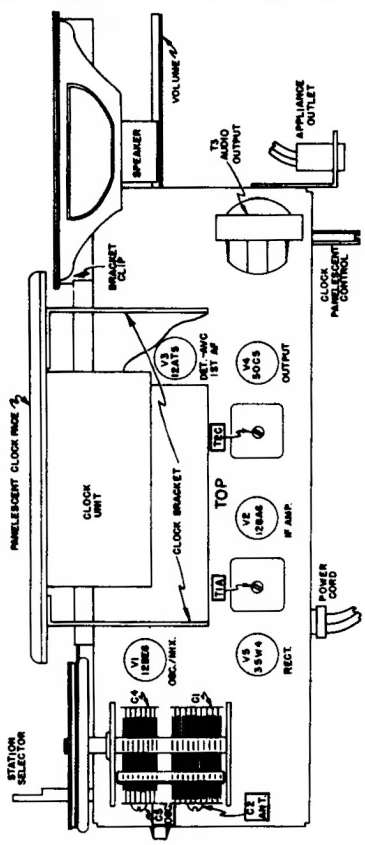
Use either an audible check or connect an AC voltmeter across speaker voice coil to indicate volnme.

STEP	ALIGNMENT SETUP NOTES	TEST EQUIPMENT HOOKUP	ADJUST
1.	Set radio variable tuning capacitor to minimum capacity (tuning capacitor plates fully open).	SIGNAL GENERATOR-"hot" lead through .01 mfd. capacitor to pin 7 of V1, 12BE6: ground lead to negative "B" in receiver. Set generator to 455 KC. AC VOLTMETER - across radio 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 radio variable tuning capacitor to minimum capacity (tuning capacitor plates fully open).	SIGNAL GENERATOR - radiate signal to receiver through a loop of several turns of wire. Set generator to 1650 KC. AC VOLTMETER - across radio speaker voice coil.	C5 trimmer for MAXIMUM output.
3.	Set radio variable tuning capacitor 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 or until signal is heard through radio speaker. AC VOLTMETER - across radio speaker voice coil.	C2 trimmer for MAXIMUM output.





PARTS LAYOUT - MODEL 518



PARTS LAYOUT - MODEL 598