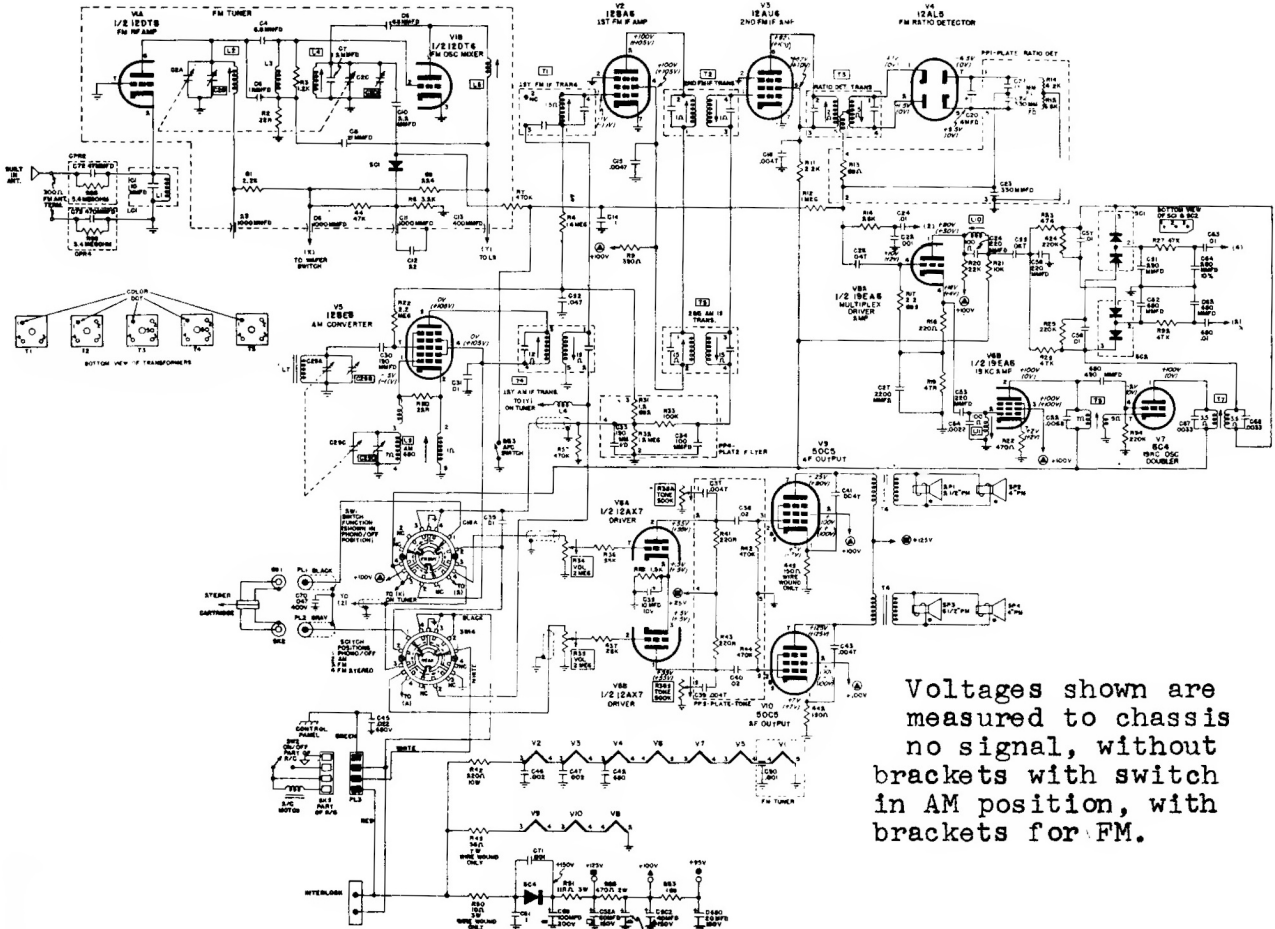
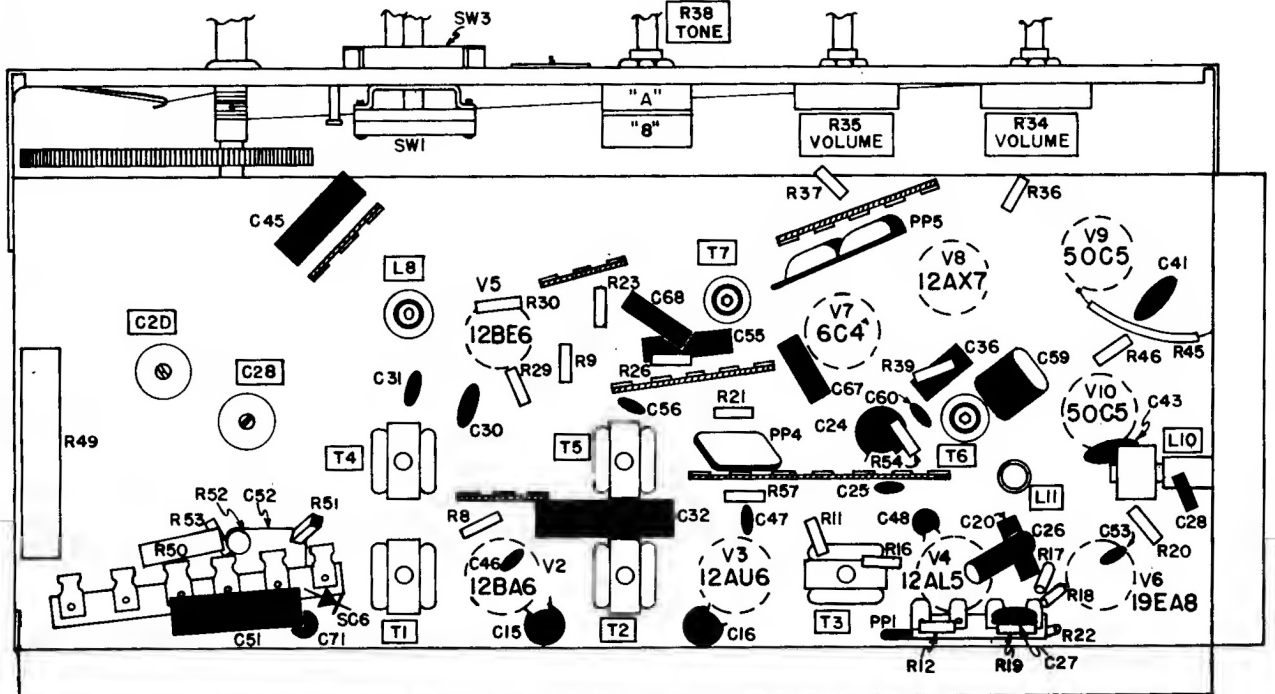


SYLVANIA Chassis 702-2, Models SC26 Series



Voltages shown are measured to chassis no signal, without brackets with switch in AM position, with brackets for FM.



BOTTOM PARTS LAYOUT

SYLVANIA Chassis 702-2, Models SC26 Series, Alignment Information

— AM ALIGNMENT —
(Selector switch in AM position)

STEP	TUNING CAPACITOR SETTING	TEST EQUIPMENT HOOK-UP	GENERATOR FREQUENCY	ADJUSTMENT POINT	ADJUST FOR
1	Fully Open	SIGNAL GENERATOR - "Hot" lead thru a .1 Mfd Capacitor to test point (A). Ground lead to chassis. AC VOLTMETER - Across Speaker terminals of channel set at maximum volume.	455 KC	T5 Bottom T5 Top T4 Bottom T4 Top	Maximum Meter Reading
2	Fully Open	Same as Step 1	1620 KC	C29D AM Osc. Trimmer	Maximum Meter Reading
3	1400	SIGNAL GENERATOR - Radiate signal to receiver through a lobb consisting of several turns of wire. AC VOLTMETER - Same as Step 1.	Set generator to a frequency corresponding to receiver dial (until signal is heard through receiver speaker.)	C29B AM Ant. Trimmer	Maximum Meter Reading

— FM ALIGNMENT —
(Selector switch in FM position)

STEP	TUNING CAPACITOR SETTING	TEST EQUIPMENT HOOK-UP	GENERATOR FREQUENCY	ADJUSTMENT POINT	ADJUST FOR
1	Point of non-interference	SIGNAL GENERATOR - "Hot" lead through a .005 Mfd capacitor to test point (B). Ground lead to chassis. AC VOLTMETER - "Hot" lead to test point (C). Ground lead to chassis.	10.7 MC	T3 Bottom T2 Bottom T2 Top T1 Top L5	Maximum Meter Reading
2	Same as Step 1	SIGNAL GENERATOR - Same as Step 1. AC VOLTMETER - "Hot" lead to test point (D). Ground lead connected to chassis.	10.7 MC	T3 Top	Zero Meter Reading
3	108	SIGNAL GENERATOR - Same as Step 1. AC VOLTMETER - Same as Step 1.	108 MC	C2D FM Osc. Trimmer	Maximum Meter Reading

SYLVANIA Chassis 702-2, Models SC26 Series, Alignment Information

— FM ALIGNMENT (Continued) —

4	88	SIGNAL GENERATOR - Same as Step 1. AC VOLTMETER - Same as Step 1.	88 MC	C2B FM Ant. Trimmer	Maximum Meter Reading
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— MULTIPLEX ALIGNMENT PROCEDURE —

Outlined below is an alternate method of FM MULTIPLEX ALIGNMENT using a standard Multiplex Broadcast as the signal source. Whenever FM multiplex alignment equipment is used, follow the procedures specified

by the equipment manufacturer. Peaking of the 19KC and 38KC coils is easily accomplished, however correct phase relationship is absolutely essential for maximum channel separation.

(Selector switch in FM multiplex position)

STEP	TEST EQUIPMENT HOOK-UP	SIGNAL USED	ADJUSTMENT POINT	ADJUST FOR
1	OSCILLOSCOPE - Hot lead to pin 6 of 19EA8. Ground lead to chassis.	Multiplex	T6	Max output of the 19 KC pilot carrier
2	OSCILLOSCOPE - Hot lead to pin 1 of 6C4. Ground lead to chassis	Multiplex	T7	Max output of the 38 KC signal
3	Remove test equipment			
4	Very carefully readjust T6 and T7 for maximum separation of sound. NOTE: Some multiplex stations transmit announcements on one channel only. Adjust T6 or T7 for minimum output on opposite channel being transmitted.			

