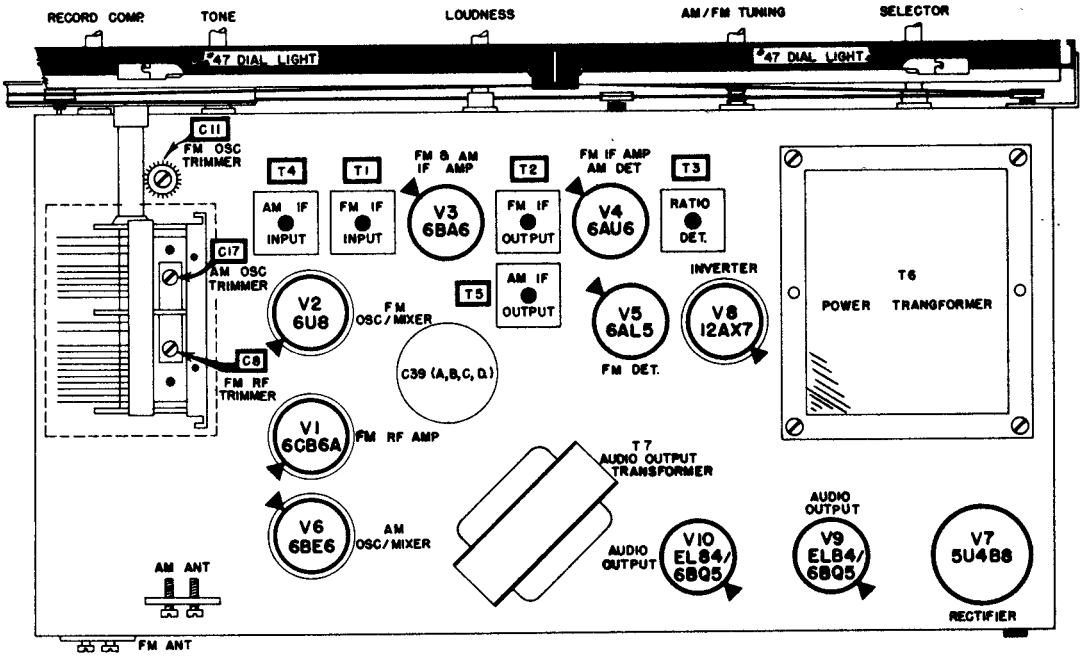
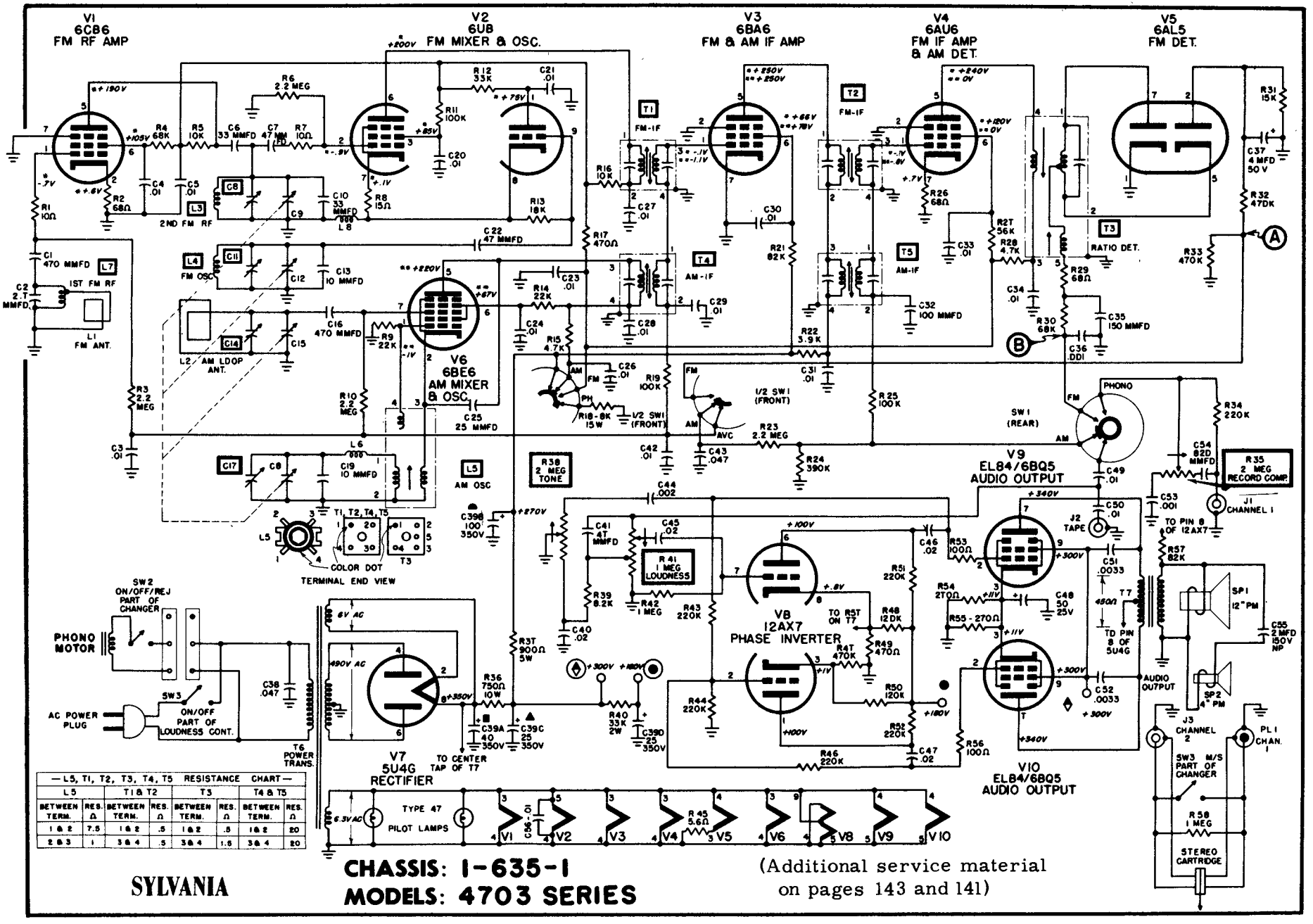
SYLVANIA Chassis 1-635-1, Model 4703, Material continued on next two pages.





— L5, T1, T2, T3, T4, T5 RESISTANCE CHART —							
L5		T1 & T2		T3		T4 & T5	
BETWEEN TERM.	RES. Ω	BETWEEN TERM.	RES. Ω	BETWEEN TERM.	RES. Ω	BETWEEN TERM.	RES. Ω
1 & 2	7.5	1 & 2	.5	1 & 2	.5	1 & 2	20
2 & 3	1	3 & 4	.5	3 & 4	1.5	3 & 4	20

SYLVANIA

CHASSIS: 1-635-1
MODELS: 4703 SERIES

(Additional service material on pages 143 and 141)

SYLVANIA Chassis 1-635-1, Model 4703, Alignment, Continued

AM ALIGNMENT

STEP	SETUP NOTES	TEST EQUIPMENT HOOKUP	ADJUST FOR MAXIMUM
1.	SELECTOR SWITCH IN AM POSITION VARIABLE TUNING CAPACITOR FULLY OPEN	SIGNAL GENERATOR - "HOT" LEAD THROUGH A .1 MFD CAPACITOR TO PIN 7 OF V6. GROUND LEAD TO CHASSIS. SET GENERATOR TO 455 KC. AC VOLTMETER - ACROSS AUDIO OUTPUT TRANSFORMER.	T5 - BOTTOM CORE T5 - TOP CORE T4 - BOTTOM CORE T4 - TOP CORE
2.	SELECTOR SWITCH IN AM POSITION VARIABLE TUNING CAPACITOR AT 1620 KC	SIGNAL GENERATOR - "HOT" LEAD THROUGH A .1 MFD CAPACITOR TO PIN 7 OF V6. GROUND LEAD TO CHASSIS. SET GENERATOR TO 1620 KC. AC VOLTMETER - ACROSS AUDIO OUTPUT TRANSFORMER	C17 - AM OSC. TRIMMER
3.	SELECTOR SWITCH IN AM POSITION VARIABLE TUNING CAPACITOR AT 535KC	SIGNAL GENERATOR - "HOT" LEAD THROUGH A .1 MFD CAPACITOR TO PIN 7 OF V6. GROUND LEAD TO CHASSIS. SET GENERATOR TO 535 KC. AC VOLTMETER - ACROSS AUDIO OUTPUT TRANSFORMER.	L5 - AM OSC. COIL
4.	SELECTOR SWITCH IN AM POSITION VARIABLE TUNING CAPACITOR AT 1400 KC	SIGNAL GENERATOR - RADIATE SIGNAL TO RECEIVER THROUGH A LOOP OF SEVERAL TURNS OF WIRE. SET GENERATOR TO 1400 KC. AC VOLTMETER - ACROSS AUDIO OUTPUT TRANSFORMER.	C14 AM ANTENNA TRIMMER (LOCATED ON LOOP ANTENNA)

FM ALIGNMENT

STEP	SETUP NOTES	TEST EQUIPMENT HOOKUP	ADJUST FOR MAXIMUM
1.	SELECTOR SWITCH IN FM POSITION VARIABLE TUNING CAPACITOR FULLY OPEN	SIGNAL GENERATOR - "HOT" LEAD TO TUBE SHIELD V2 WHICH HAS BEEN DISCONNECTED FROM CHASSIS. GROUND LEAD TO CHASSIS. SET GENERATOR TO 10.7 MC AC VOLTMETER - DC PROBE TO POINT "A". GROUND LEAD TO CHASSIS.	T3 - BOTTOM CORE T2 - BOTTOM CORE T2 - TOP CORE T1 - BOTTOM CORE T1 - TOP CORE
2.	SAME AS STEP 1	SIGNAL GENERATOR - SAME AS STEP 1. AC VOLTMETER - ACROSS POINTS "A" AND "B"	T3 - TOP CORE ADJUST FOR ZERO METER READING.
3.	SELECTOR SWITCH IN FM POSITION VARIABLE TUNING CAPACITOR AT 108.4 MC	SIGNAL GENERATOR - "HOT" LEAD THROUGH A 300 OHM RESISTOR TO FM ANTENNA TERMINAL. GROUND LEAD TO CHASSIS. SET GENERATOR TO 108.4 MC. AC VOLTMETER - ACROSS AUDIO OUTPUT TRANSFORMER.	C11 - FM OSC. TRIMMER
4.	SELECTOR SWITCH IN FM POSITION VARIABLE TUNING CAPACITOR AT 87.6 MC	SIGNAL GENERATOR - "HOT" LEAD THROUGH A 300 OHM RESISTOR TO FM ANTENNA TERMINAL. GROUND LEAD TO CHASSIS SET GENERATOR TO 87.6 MC. AC VOLTMETER - SAME AS STEP 3.	L4 - FM OSC. COIL SPREAD OR COMPRESS LOOPS ON COIL.
5.	SELECTOR SWITCH IN FM POSITION VARIABLE TUNING CAPACITOR AT 104 MC	SIGNAL GENERATOR - "HOT" LEAD THROUGH 300 OHM RESISTOR TO FM ANTENNA TERMINAL. GROUND LEAD TO CHASSIS. SET GENERATOR TO 104 MC. AC VOLTMETER - SAME AS STEP 3.	C8 - FM RF TRIMMER
6.	SELECTOR SWITCH IN FM POSITION VARIABLE TUNING CAPACITOR AT 98 MC	SIGNAL GENERATOR - "HOT" LEAD THROUGH A 300 OHM RESISTOR TO FM ANTENNA TERMINAL. GROUND LEAD TO CHASSIS. SET GENERATOR TO 98 MC. AC VOLTMETER - SAME AS STEP 3.	L7 - 1ST FM RF COIL SPREAD OR COMPRESS LOOPS ON COIL.
7.	SELECTOR SWITCH IN FM POSITION VARIABLE TUNING AT 90 MC	SIGNAL GENERATOR - "HOT" LEAD THROUGH A 300 OHM RESISTOR TO FM ANTENNA TERMINAL. GROUND LEAD TO CHASSIS. SET GENERATOR TO 90 MC. AC VOLTMETER - SAME AS STEP 3.	L3 - 2ND FM RF COIL SPREAD OR COMPRESS LOOPS ON COIL.