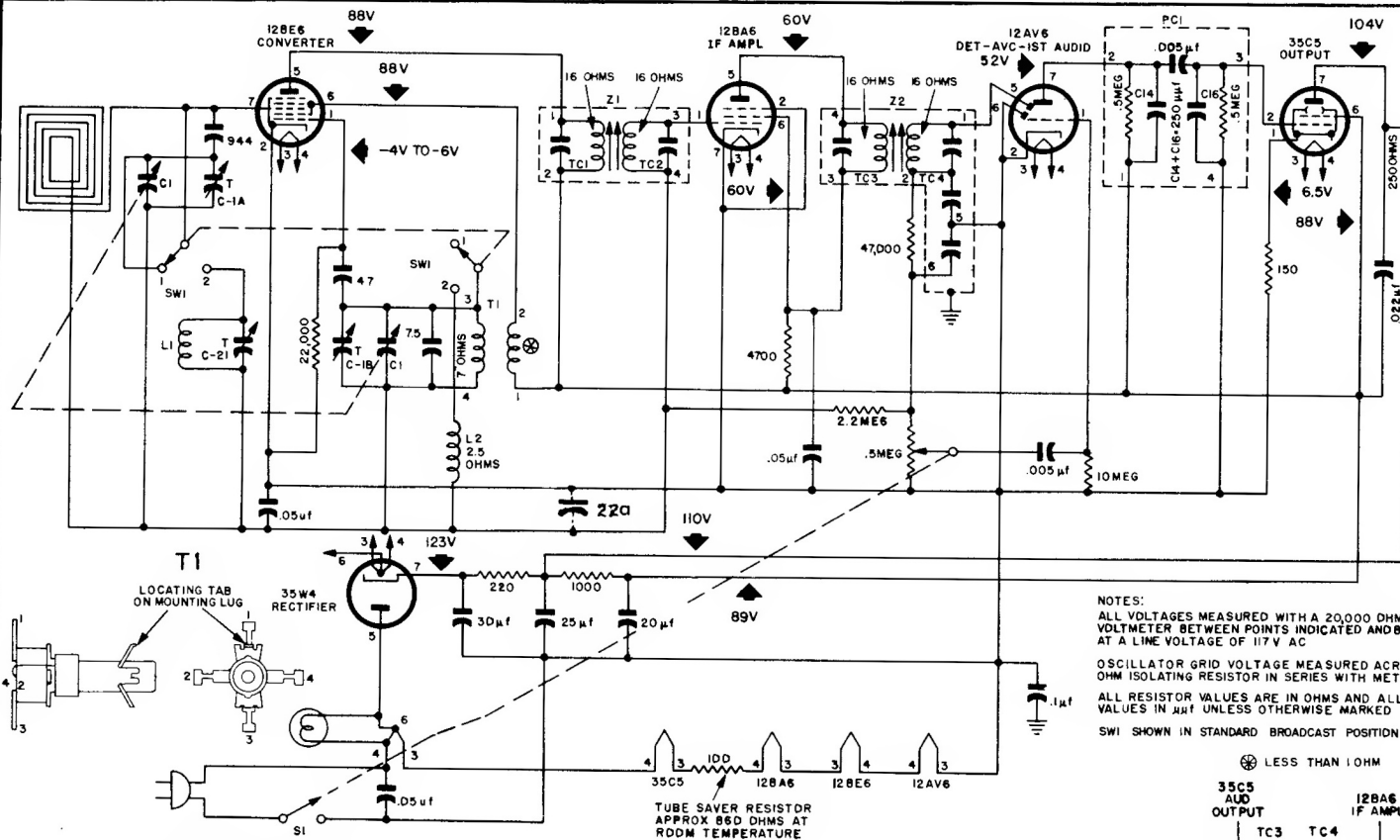


PHILCO MODELS 53-561, 53-562 AND 53-564

This service material will also apply to the following Models 53-563, 53-565 (these are the same electrically), Model 53-560 (special services band omitted), and Model 53-568 which is very similar.



NOTES:
ALL VOLTAGES MEASURED WITH A 20,000 OHMS-PER-VOLT VOLT-METER BETWEEN POINTS INDICATED AND B MINUS, AT A LINE VOLTAGE OF 117 V AC

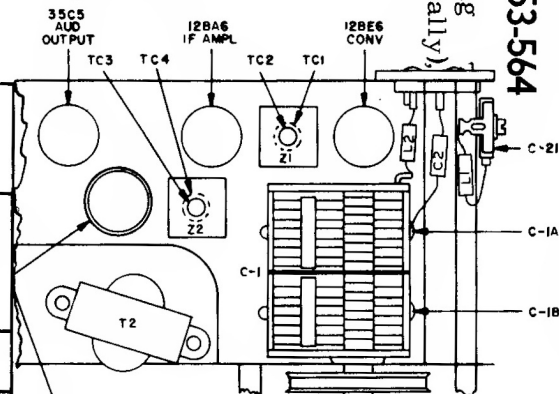
OSCILLATOR GRID VOLTAGE MEASURED ACROSS R1, WITH A 100,000 OHM ISOLATING RESISTOR IN SERIES WITH METER

ALL RESISTOR VALUES ARE IN OHMS AND ALL CONDENSER VALUES IN μ F UNLESS OTHERWISE MARKED

SW1 SHOWN IN STANDARD BROADCAST POSITION

⊗ LESS THAN 1 OHM

TUBE SAVER RESISTOR
APPROX 860 OHMS AT
ROOM TEMPERATURE



NOTE:-
MODEL 53-561 HAS SPEAKER
(LS1) MOUNTED ON CHASSIS

MODELS 53-561, 53-562, 53-564

STEP	SIGNAL GENERATOR		RADIO			ADJUST
	CONNECTION TO RADIO	DIAL SETTING	DIAL SETTING	BAND SWITCH SETTING	SPECIAL INSTRUCTIONS	
1	Ground lead to B-; output lead through a .1- μ f. condenser to grid (pin 7) of 12BE6.	455 kc.	Tuning gang fully open	Broadcast	Adjust tuning cares, in order given, for maximum output. TC1 and TC3 are located at top of transformers.	TC4—2nd i-f sec. TC3—2nd i-f pri. TC2—1st i-f sec. TC1—1st i-f pri.
2	Radiating loop	1620 kc.	1620 kc.	Broadcast	Adjust trimmer for maximum output.	C1-B—asc.
3	Same as step 2.	1500 kc.	1500 kc.	Broadcast	Adjust trimmer for maximum output.	C1-A—aerial (broadcast)
4	Same as step 2.	3200 kc.	3200 kc.	Special Services	Adjust trimmer for maximum output.	C21—aerial (special services).