



ARVIN Chassis RE-228
Models 150-TC, 151-TC

TUBE SOCKETS ARE VIEWED FROM UNDER SIDE OF CHASSIS.
VOLTAGE READINGS SHOWN AT SOCKET PRONGS ARE TO FLOATING GROUND AND ARE TAKEN WITH NO SIGNAL, WITH 1000 OHM PER VOLT VOLTMETER.
A.C. LINE VOLTAGE AT 117 VOLTS.
* MEASURED WITH VACUUM TUBE VOLTMETER.

SOCKET VOLTAGE AND RESISTANCE MEASUREMENTS

REF. MO.	PART NO.	DESCRIPTION	V O L T A G E							R E S I S T A N C E							
			TUBE	1	2	3	4	5	6	7	1	2	3	4	5	6	7
R1	C20060-222	Resistor, 2200 ohm 1/4 W															
R2	C20060-223	Resistor, 22,000 ohm 1/4 W															
R3	C20060-106	Resistor, 10 megohm 1/4 W															
R4	C20060-224	Resistor, .22 megohm 1/4 W															
R5	C20060-105	Resistor, 1 megohm 1/4 W															
R6	C19927	Volume Control, 1 megohm															
R7	C20060-225	Resistor, 2.2 megohm 1/4 W															
R8	C20060-474	Resistor, .47 megohm 1/4 W															
R9	C19928	Tone Control & Switch, .5 megohm															
R10	C20060-151	Resistor, 150 ohm 1/4 W															
R11	C20060-334	Resistor, .33 megohm 1/4 W															
R12	C20060-220	Resistor, 22 ohm 1/4 W															
R13	C20060-331	Resistor, 330 ohm 1/4 W															
R14	C20070-123	Resistor, 12,000 ohm 1/4 W															
R15	C20060-104	Resistor, .1 megohm 1/4 W															
C1A-C1B	AD21111-1	Variable Condenser & Pulley Assy.															
C2	C20067-503	Condenser, .05 uf 200 V, Paper															
C3	C20065-500	Condenser, .00005 uf 500 V, Mica															
C4	C20068-503	Condenser, .05 uf 400 V, Paper															
C5	C20065-251	Condenser, .00025 uf 500 V, Mica															
C6	C20068-103	Condenser, .01 uf 400 V, Paper															
C7	C20068-502	Condenser, .005 uf 400 V, Paper															
C8A-C8B	A21349	Electrolytic Condenser, 50-30 uf., 150V															
C9	C20068-104	Condenser, .1 uf 400 V, Paper															
			35W4	0	0	35AC	117AC	112AC	112AC	110DC	INF	INF	80	108	105	105	11250
			12BD6 RF	0	0	37.5AC	50AC	80DC	100DC	0	† 4.2m	0	39	50	14K	12K	0
			12BE6 **-8,8DC	0	0	25AC	37.5AC	100DC	100DC	0	22K	.5	25	39	12K	12K	200K
			12BD6 IF	0	0	12.5AC	25AC	100DC	100DC	0	† 3.3m	0	14	25	12K	12K	0
			12AT6	0	0	0	12.5AC	0	0	* 45DC	10m	0	0	14	† 3.2m	† 1.06m	482K
			35B5	0	6DC	50AC	85AC	105DC	100DC	0	500K	150	50	80	12K	12K	500K

All readings are taken from the socket terminal indicated to floating ground, with AC line voltage at 117V. Voltage measurements made with 1000 ohm per volt voltmeter except where indicated otherwise; * Measured with a vacuum tube voltmeter. ** Average measured with a vacuum tube voltmeter. († 7.7V with variable condenser closed, -9.5V with variable condenser open.) † One meg. lower resistance with Phono-Radio Sw in Phono Position.

RESISTANCE OF COILS

Component	Resistance	Component	Resistance	Component	Resistance
Oscillator		First IF Transformer		Second IF Transformer	
Cathode winding	.75 ohms	Primary winding	14 ohms	Primary winding	13 ohms
Grid winding	6. ohms	Secondary winding	14 ohms	Secondary winding	13 ohms
Wave trap	26 ohms	B Choke	200 ohms	Output Transformer	
				Primary	110 ohms
				Secondary	.3 ohms

47K Resistor in Series Inside Can