



OZ4 (6X5G)

FOR RESISTORS  
BY 1000'S  
BY 100000'S

MAY BE VARIED FROM 400 TO 3000 OHMS TO CONTROL SENSITIVITY

RESISTORS			CONDENSERS			CHOKES & TRANSFORMERS			MISCELLANEOUS UNITS		
R	OHMS	W PART NO	C	CAPACITY	VOLTS PART NO	T	TYPE	PART NO	SYMBOL	DESCRIPTION	PART NO
1	1M	1/2 17-2080	1	THREE		1	ANTENNA COIL	DO-13337	F	FUSE 10AMP 25VOLT	17-2187
11	2K	1/4 17-2202	2	VARIABLE	17-14738	2	R F COIL	DO-14770	L	DIAL LIGHT - IN REMOTE CONTROL	17-18004
49	500K	1/2 17-14536	3	BOZ	800 17-2083	3	OSCILLATOR COIL	DO-14780	R2	ANTENNA COUPLER PLUG & CORD ASSEMBLY	17-14536
50	100K	1/2 17-14503	7	DOO1	800 17-2084	5	FIRST I F COIL	DO-14748	S3	SPEAKER SOCKET	17-14526
52	1K	1/4 17-2101	15	OS	200 17-14034	6	SECOND I F COIL	DO-14750	SW	POWER SWITCH - ON REMOTE CONTROL	17-14527
56	5W	1/2 17-2280	33	00005	800 17-14047	7	OUTPUT TRANS	DO-14776	VIB	VIBRATOR	17-14532
58	80K	1/2 17-14960	41	12	17-14709	8	POWER TRANS	DO-14780			
71	40K	1/2 17-14021	48	00025	800 17-4207	9	INPUT TRANS	DO-14785			
74	800	1/2 17-14102	81	DO3	800 17-14096						
88	1K	1/4 17-14135	85	1	400 17-14101						
100	30K	1/2 17-14171	86	D2	600 17-14105						
107	100K	1/2 17-14172	89	D5	600 17-14108						
108	500K	1/2 17-14173	135	5002	200 17-14211						
125	500K	1/2 17-14174	136A	12	25						
130	300	1/2 17-14181	136B	12	25						
132	100	1/2 17-14218	136C	12	430						
			136D	12	430						
			160	.004	800 17-14722						

## FOR BALANCING INSTRUCTIONS SEE ARVIN CAR RADIO MODEL 32 MODEL 42 SOCKET VOLTAGES

(All readings taken with an input voltage of 5.8. Heater voltage is shown as 6.8 although 5.8 is the average obtained in most car installations)

Tube	Heater	Cathode	Suppressor	Screen	Plate	Anode Grid	Oscillator Grid	*Grid Bias
6K7	6.3	3.5	0	85	260			3.5
6A8	6.3	3.0	0	85	260	180	5-10 V.	3.0
6K7	6.3	5.0	0	85	260			5.0
6Q7G	6.3	1.9			160			1.9
6C5G	6.3	6.0			260			6.0
6N7G	6.3	0			275			0
6X5C	6.3	285			310			..

\*Taken with No. RF Signal Input.

## MODEL 9A ARVIN CAR RADIO BALANCING INSTRUCTIONS

**SPECIAL NOTE:** All Arvin 1937 model car radios are designed to use the Exclusive Arvin Permaset prebalanced intermediate frequency transformers, which require no adjustment whatsoever. This Arvin feature greatly simplifies balancing procedure. It is necessary, therefore, to adjust only the three screws located on the tuning condenser as follows:

See page 51 for trimmer condenser locations.

1. Rotate the tuning condenser completely out of mesh. Connect the balancing oscillator to the antenna lead. Ground the balancing oscillator to the radio chassis.

2. With the balancing oscillator set to 1575 K. C. adjust padder condenser No. 1 for maximum output.
3. Reset the balancing oscillator to 1400 K. C. Rotate the tuning condenser until this signal is tuned to resonance. Reduce the output of the balancing oscillator until the signal barely deflects the output meter.
4. Adjust padders No. 2 and No. 3 until maximum output reading is obtained.
5. After installation in car tune in a WEAK station between 1150 and 1400 K. C. and readjust padder No. 3 for maximum output.