

AUTO RADIO SERVICE BULLETIN.

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SUBJECT - ASTOR SIX TUBE AUTO RADIO RECEIVER SERVICE  
DATA.

Models:	6396 (6 volt)	12396 (12 volt)
Chassis Type :	EB	AE
Part No. :	3924	3925

The performance of these two receivers is substantially the same, and they differ only in minor arrangements of circuiting as shown in top and bottom views of sets, circuit diagrams and parts lists.

ALIGNMENT PROCEDURE:

All padding adjustments are carefully made at the factory, and ordinarily no readjustments are necessary. However, when readjustments are required, the procedure given below must be followed in detail.

EQUIPMENT.

Fully charged heavy duty storage battery, dummy antenna (PM157), aligning tool (PM158), 1/8" flat spanner (PM254), and a dummy antenna adaptor (PM255).

GENERAL:

The output meter must be connected between the two plates of the 6N7 output tube.

With the receiver and signal generator set up for operation on the prescribed frequency, turn the volume control on full and set the signal generator attenuator so that a half scale reading is obtained on the output meter. The signal in the speaker should be audible but not loud.

AUTO RADIO SERVICE BULLETIN.

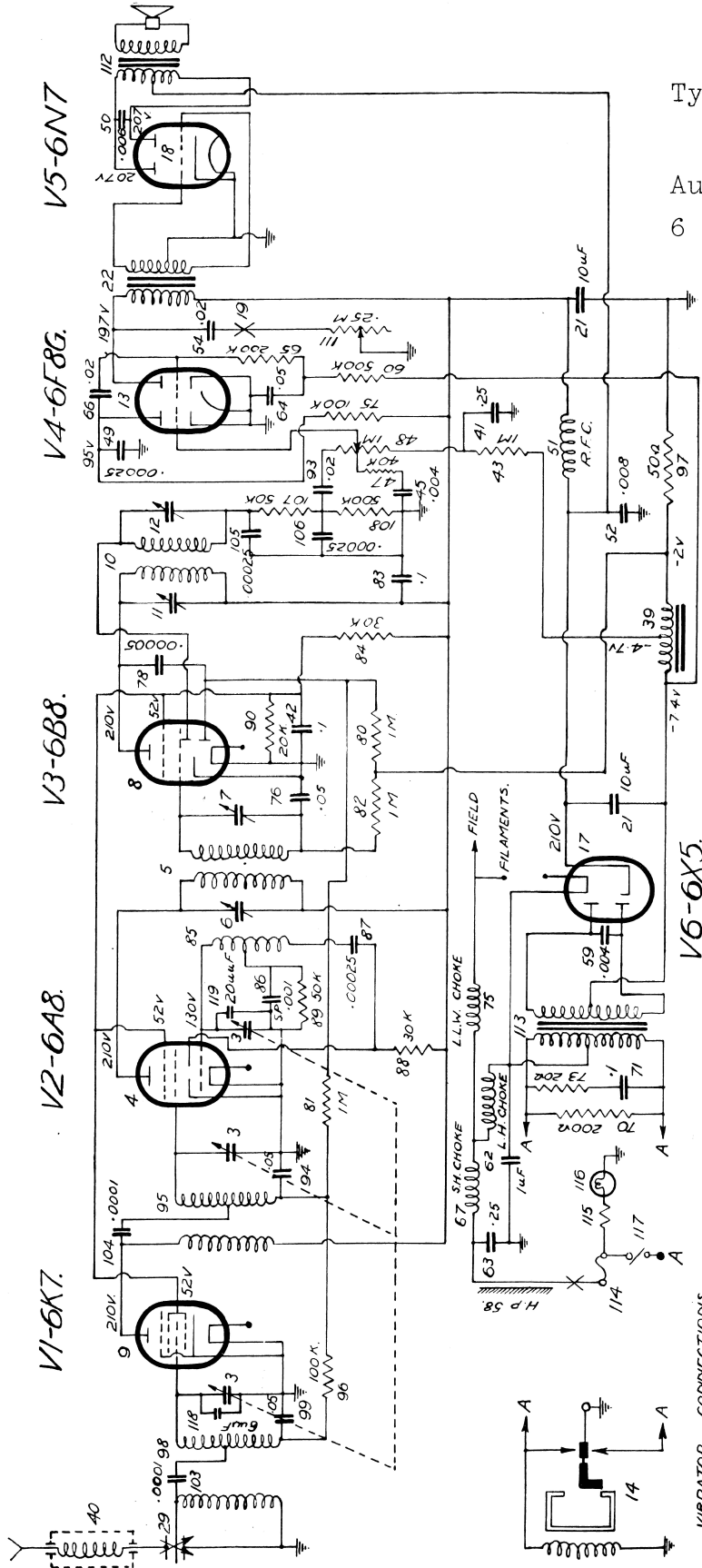
OPER.	SIGNAL GENERATOR		DUMMY CAPACITY	INSTRUC- TIONS	ADJUST PADDER
	FREQ.	CONNECTION			
1.	173Kc	To grid of 6A8	.01 mfd Cond. in series with generator lead	Short out oscillator section of gang.	11, 12, 7, 6.
2.	1550Kc	To antenna socket	40μuf (Note 1)	Turn gang plates fully out of mesh.	24
3.	1400Kc	To antenna socket	40μuf (Note 1)	Set gang at 1400Kc	2-38

Note 1. The dummy antenna (PM157) consists of a 55 mmfd. leadin and a 40 mmfd. antenna capacity, fitted with the dummy antenna adaptor (PM255). The lead from the dummy antenna adaptor is connected to the top right hand lug of the synchro tuning padder during alignment.

Note 2. Alignment of the receiver can be effected without removing the chassis from the can by using the 1/8" flat spanner (PM254) for the RF and aerial gang trimmer adjustment.

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6 volt      Two unit



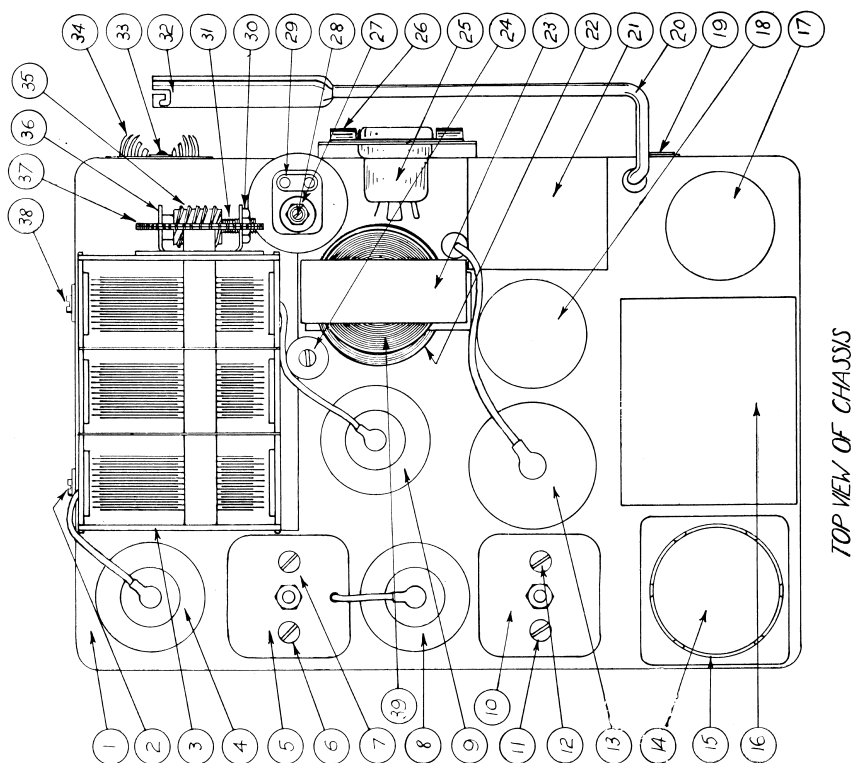
VOLTAGES TAKEN WITH 1000<sup>Ω</sup> PER VOLT METER

NUMBERS REFER TO PARTS LIST.

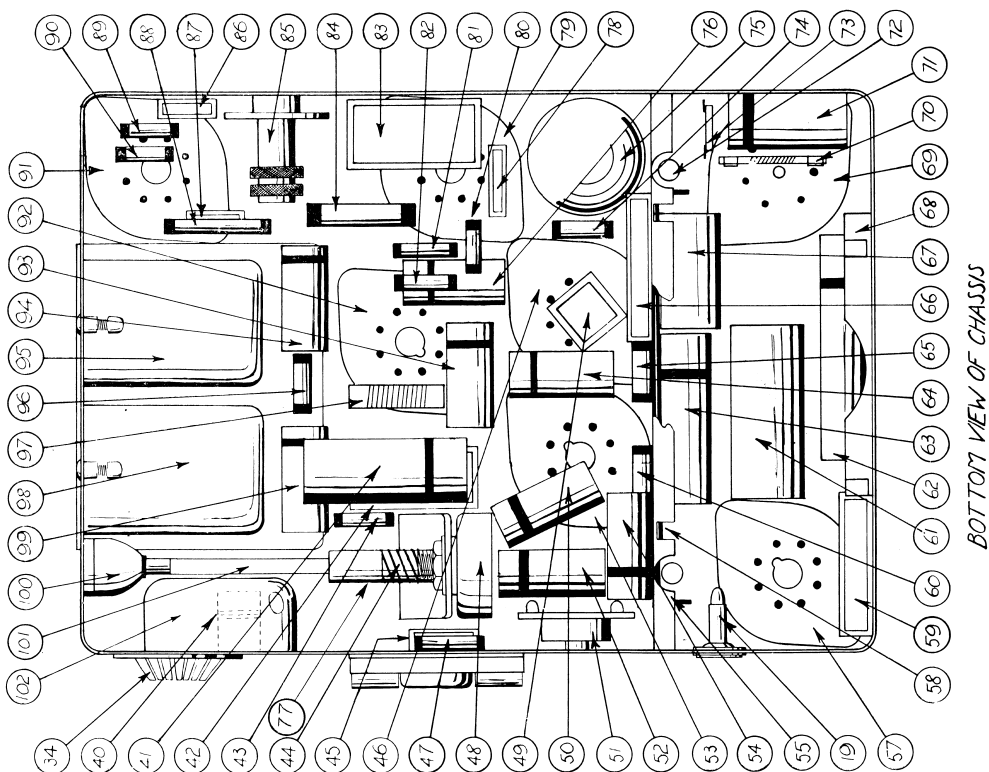
INTERMEDIATE FREQUENCY -173 KILOCYCLES.

VIBRATOR CONNECTIONS

Only copy from Nickes file  
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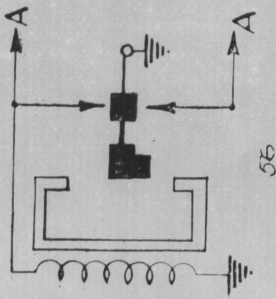


Type EB Model 6396 6 Volt



Type EB Model 6396 6 Volt

12 Volt Two Unit



TYPE AE 12V VIBRATOR CIRCUIT