AUTO RADIO SERVICE BULLETIN.

SUBJECT - ASTOR FIVE TUBE PUSH BUTTON TUNING AUTO RADIO RECEIVER SERVICE DATA.

Models:	6395 (6 volt)	12395 (12 volt)
CHASSIS TYPE:	"CG"	"HC"
PART NO.	3907	3909

The receivers differ only in minor arrangements of circuiting as shown in top and bottom views of sets, circuit diagrams, and Parts List. Both are 5 tube two unit superheterodyne receivers with push button tuning and 6" underdash speakers.

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) and aligning tool (PM158).

GENERAL:

The output meter must be connected between plate and screen of 41 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.

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OPER.	SIGNAL GENERATOR FREQ.	SIGNAL GENERATOR CONNECTION	DUMMY CAPACITY	INSTRUCTIONS	ADJUST PADDER
1.	455Kc	To grid of 6K7 tube	.01 Cond. in series with Generator lead	No antenna connection	7 - 27
2.	459Kc	To grid of 6A8 tube	.01 Cond. in series with Generator lead	No antenna connection	9
3.	451Kc	To grid of 6A8 tube	.01 Cond. in series with Generator lead	No antenna connection	11
4.	1550Kc	To antenna socket	40mmfd (Note1)	Turn tuning gang plates fully out of mesh.	13
5.	1400Kc	To antenna socket	40mmfd (Note1)	Set gang at 1400Kc	31
6.	600Kc	To antenna socket	40mmfd (Note 1)	Set gang at 600Kc.	68 Note 2.

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NOTE 1: Dummy antenna (PM157) consists of 55 μμf leadin and 40 μμf aerial capacity.

NOTE 2: Rock the tuning gang through signal while adjusting low frequency padder.

CIRCUIT DIAGRAM

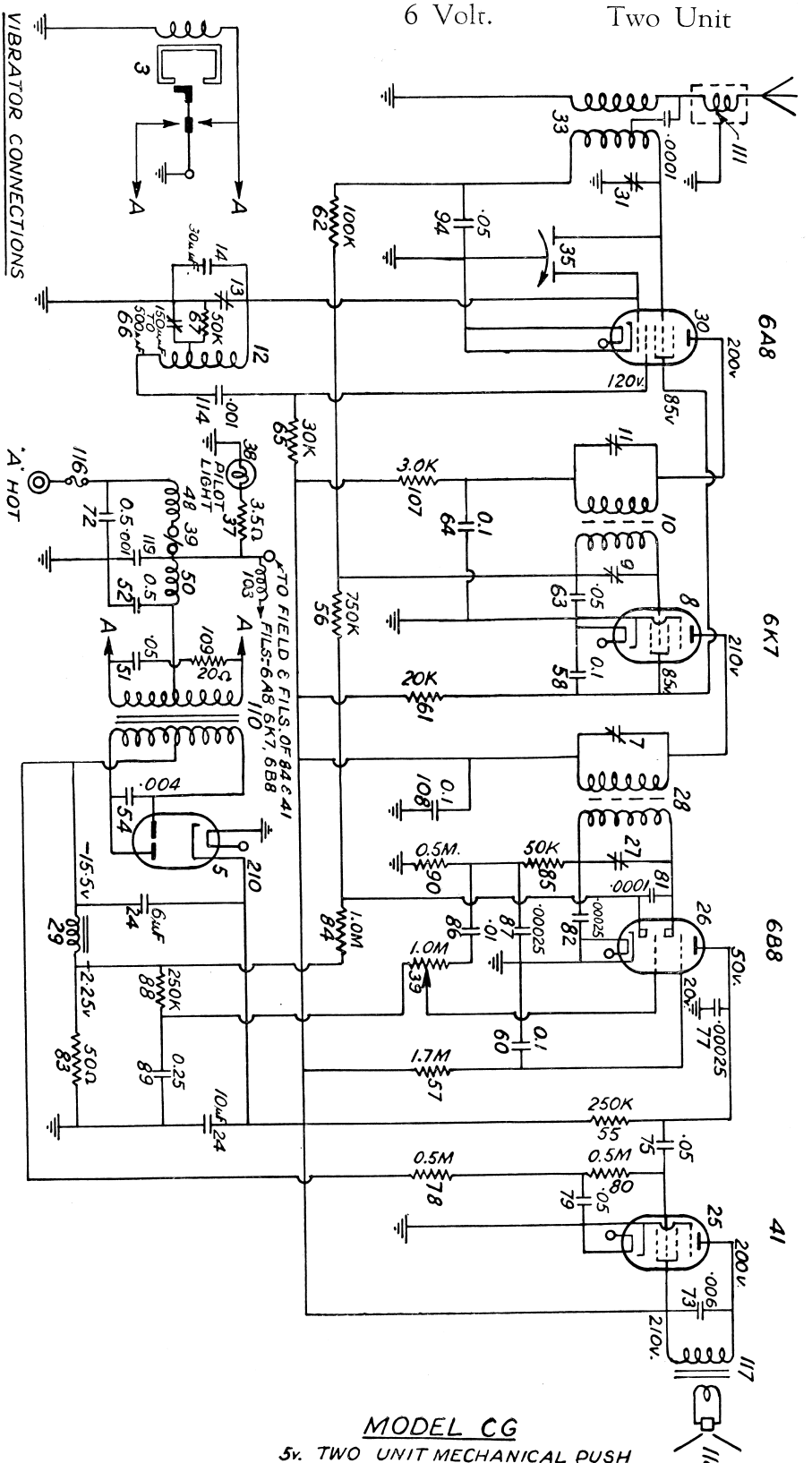
Bulletin S 17. Page 3.

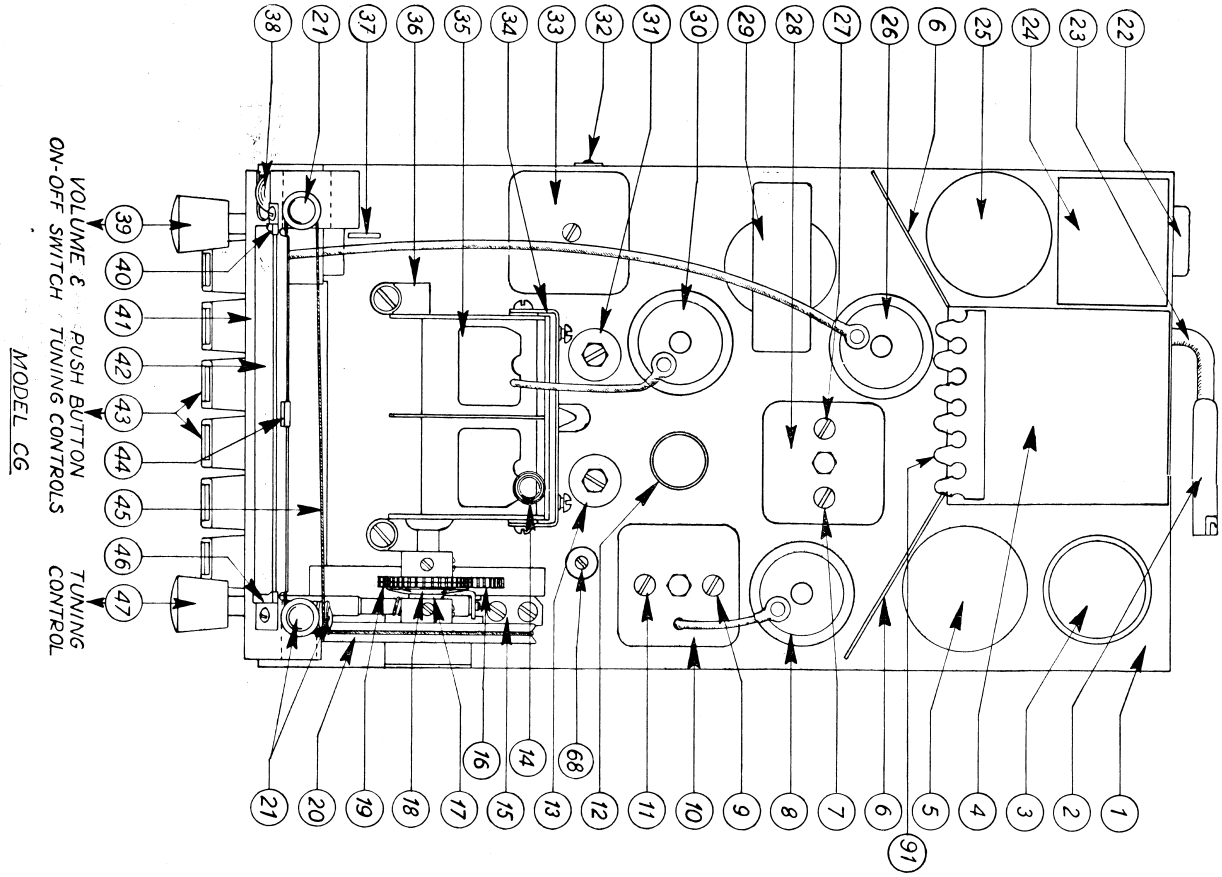
Type C.G. Model 6395

1939 ASTOR Automobile Receiver

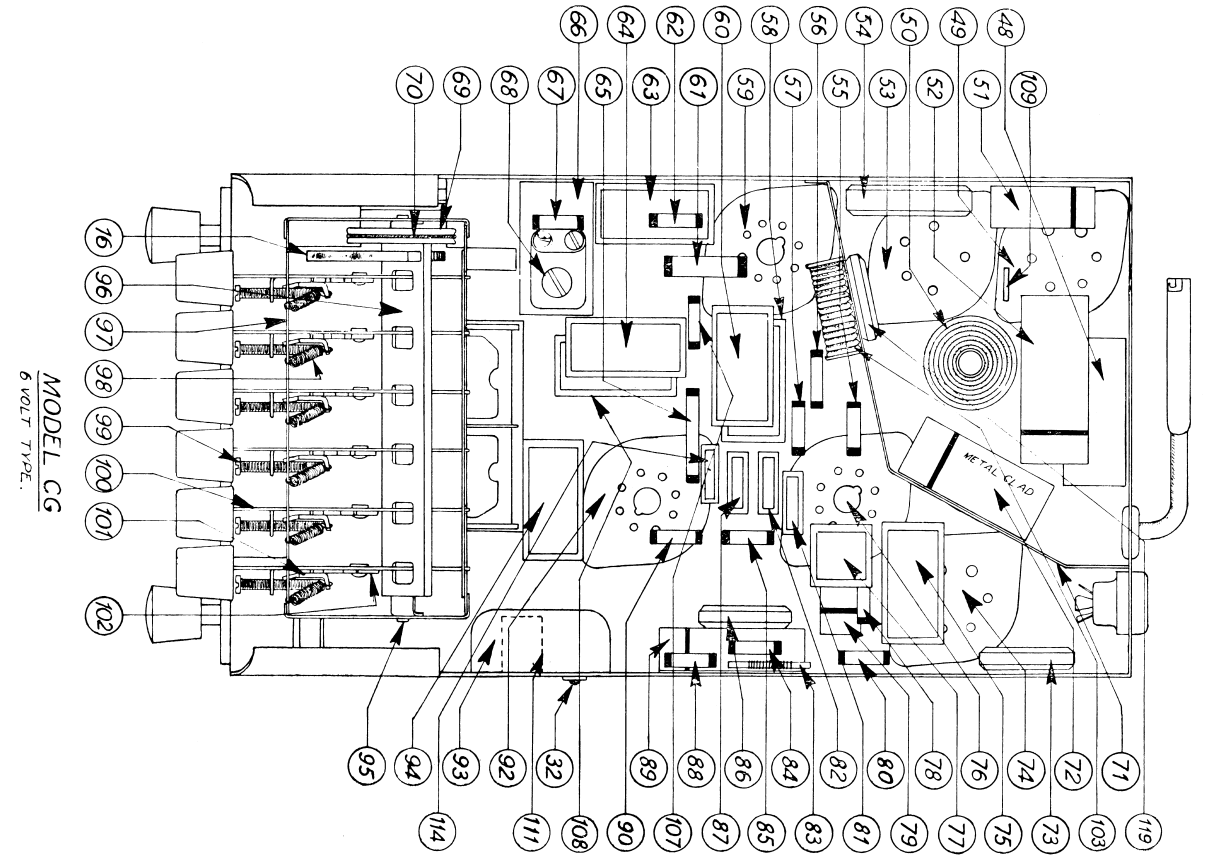
6 Volt. Two Unit

ORG. NO. 97 FILE NO. 71





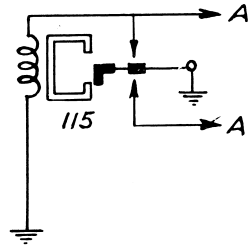
TOP VIEW OF CHASSIS. Type C.G. Model 6395. 6 Volt



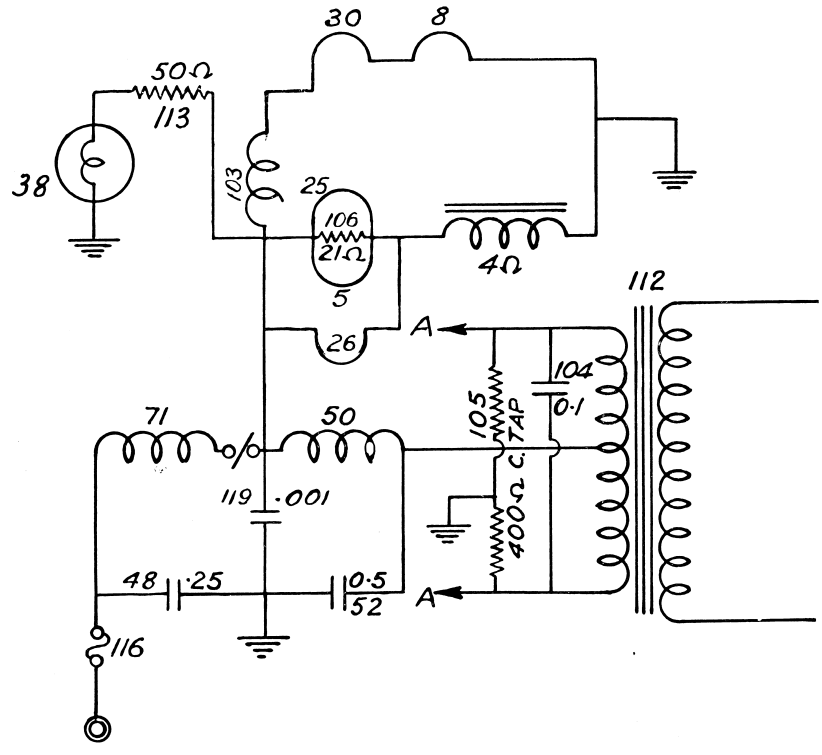
BOTTOM VIEW OF CHASSIS. Type C.G. Model 6395. 6 Volt

CIRCUIT DIAGRAM

Bulletin S 17.
Type H. C. Model 12395
1939 ASTOR Automobile Receiver
12 Volt. Two Unit

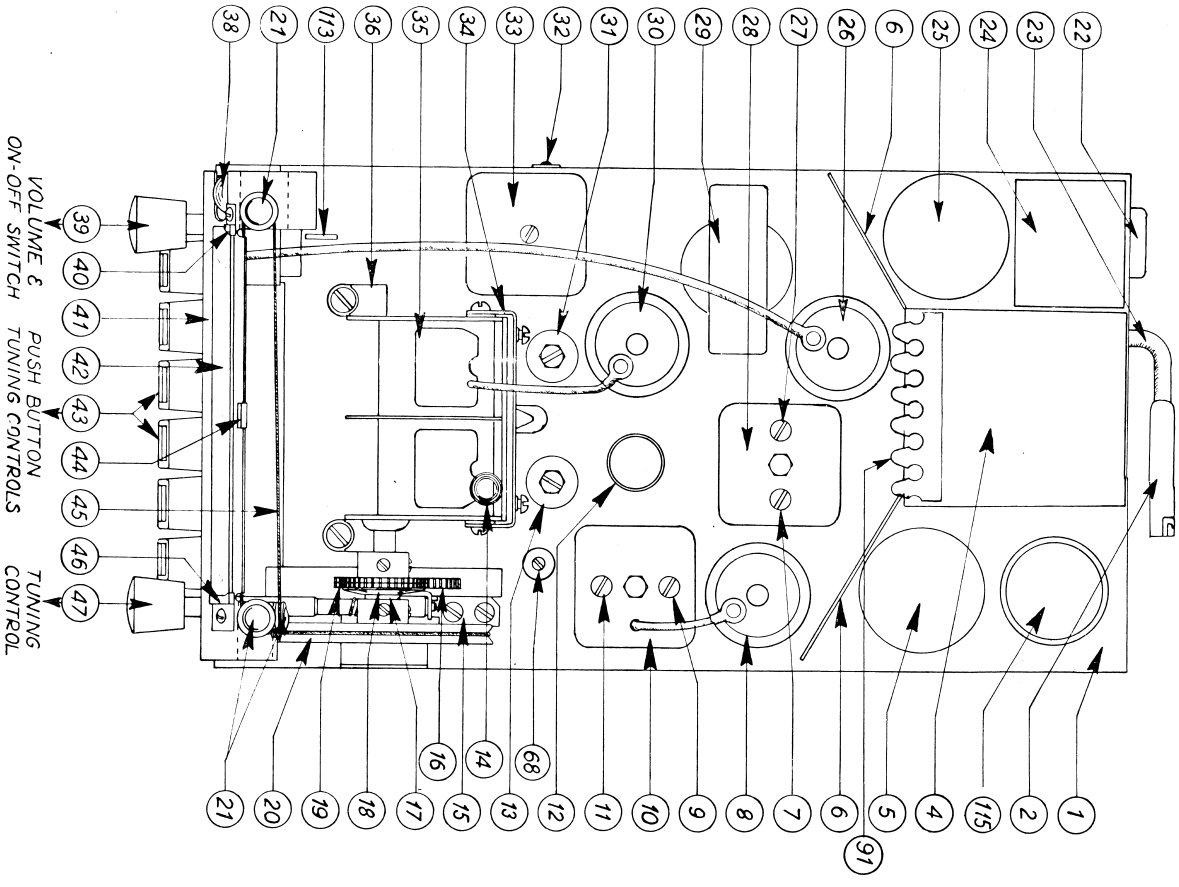


VIBRATOR CONNECTIONS

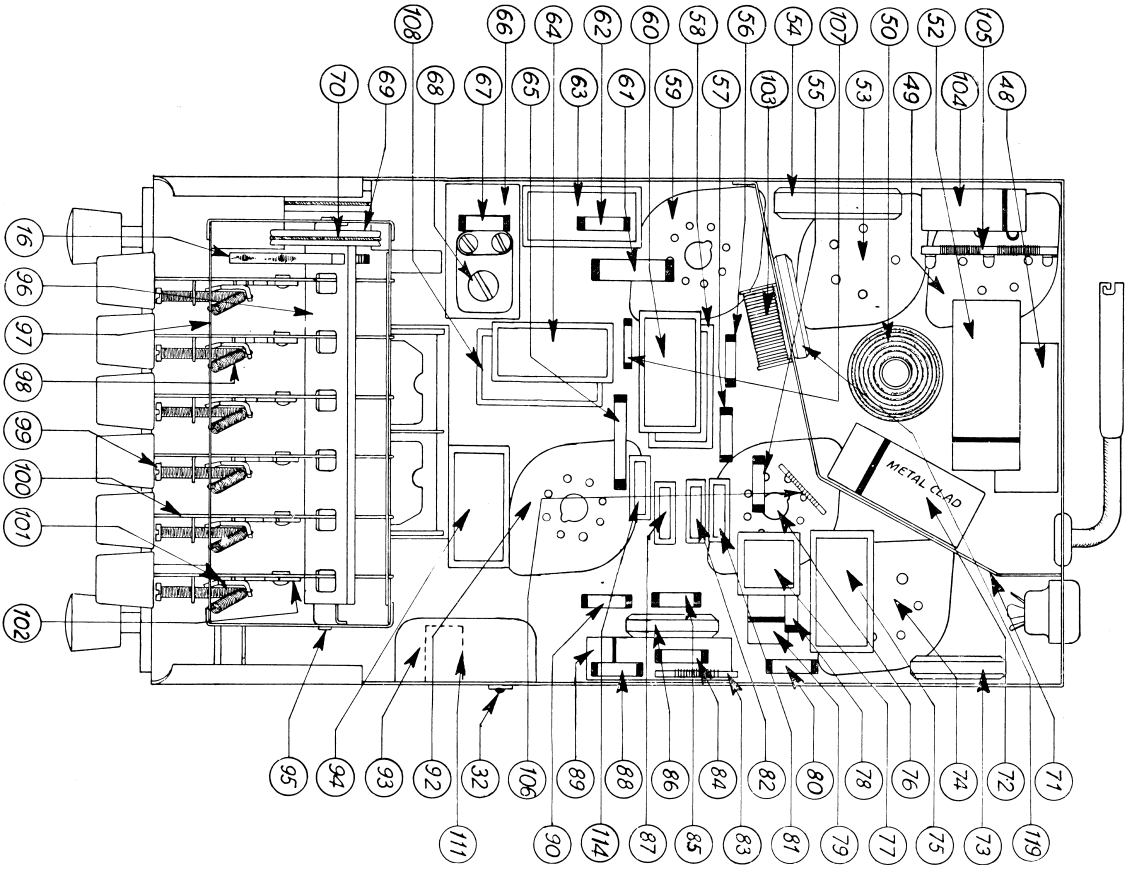


CIRCUIT DIAGRAM OF VIBRATOR SECTION
MODEL HC
5 VAL. 12 VT. MECH. PUSH BUTTON AUTO. RECEIVER.

DRG. NO. 114, FILE NO. 71



TOP VIEW OF CHASSIS. Type H. C. Model 12395. 12 Volt.



BOTTOM VIEW OF CHASSIS. Type H. C. Model 12395. 12 Volt.