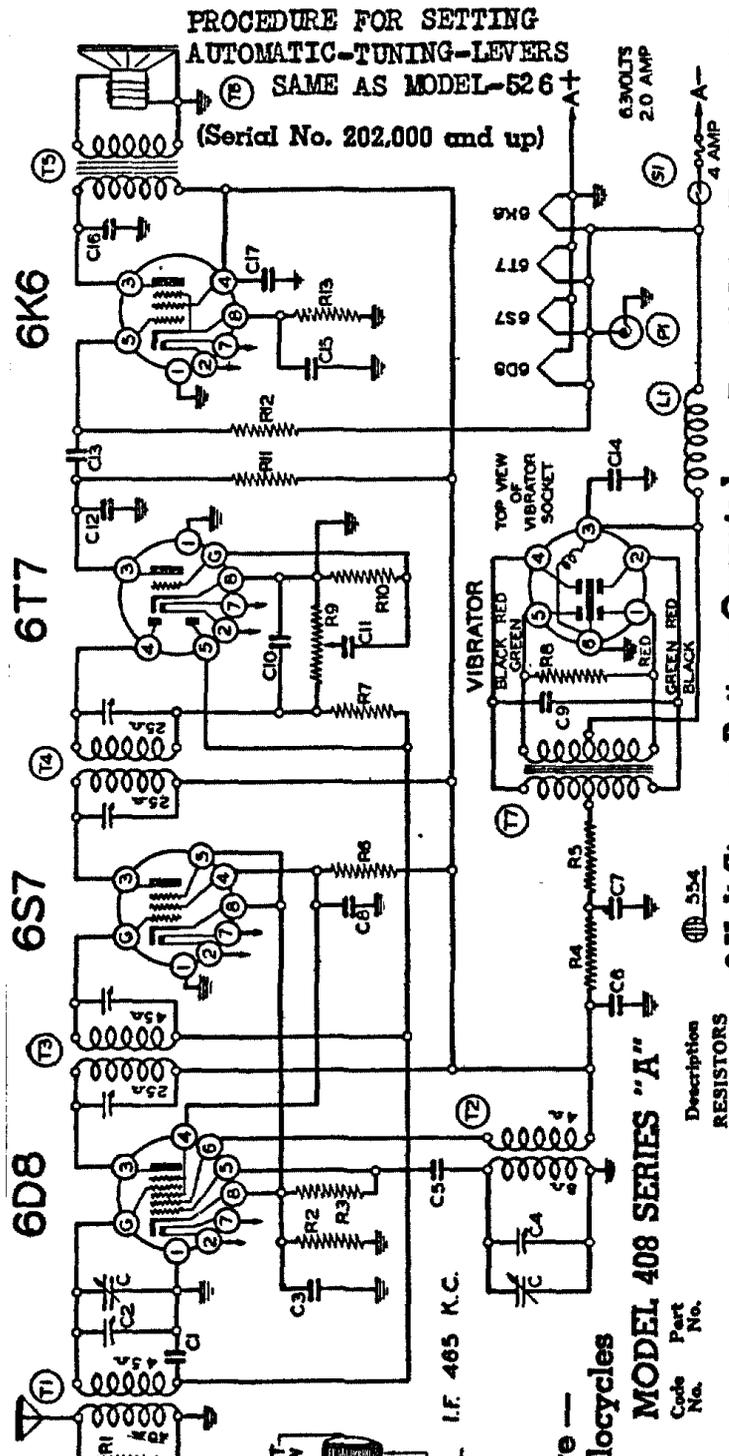


PROCEDURE FOR SETTING
AUTOMATIC-TUNING-LEVERS
SAME AS MODEL-526
(Serial No. 202,000 and up)



6-Volt Storage Battery Operated
Type 3AG fuse (Part No. 13179)

ALIGNING I.F. TRANSFORMERS Alignment, Parts

Part No. 10895D Output I. F. Transformer
Part No. 10896E Input I. F. Transformer
These I.F. transformers have two adjustments, both of which are accessible from the top of chassis (see Fig. 1).

- With volume control full on (the extreme right of its rotation), and with the variable condenser set to approximately 1400 kilocycles, make the following adjustments:
 - Connect external oscillator set at 465 kilocycles, in series with .1 mfd. condenser, to the control grid cap of the type 6S7G tube, and adjust the output I.F. transformer (No. 10895D) to resonance.
 - Move oscillator output clip from grid of 6S7G to grid of 6D8G and adjust input I.F. transformer (No. 10896E) to resonance.
 - With oscillator still connected to 6D8G, readjust output I.F. transformer (10895D) if necessary.

R.F. ALIGNMENT: (535-1720 K. C.)

- With gang condenser in its minimum capacity position, plates entirely out of mesh, connect an external oscillator in series with a 100 mmf. condenser to the antenna lead and chassis ground and make the following adjustments:
 - with external oscillator set at 1720 kilocycles, adjust oscillator trimmer to resonance. This adjustment is on the top of rear section of variable gang condenser. (See Fig. 1).
 - Re-set external oscillator to 1400 kilocycles, rotate condenser, pick up oscillator signal and adjust antenna trimmer to resonance. (Top of front section of gang condenser).
 - Check sensitivity at 600 and 1000 kilocycles.

Frequency Range —
535 - 1720 Kilocycles

MODEL 408 SERIES "A"

Part No.	Description
13021	20M ohm—1/2 w.
13081	250 ohm—1/2 w.
13012	50M ohm—1/2 w.
13084	200 ohm—1/2 w.
13084	200 ohm—1/2 w.
130149	15M ohm—1/2 w.
130170	3 megohm—1/2 w.
13084	200 ohm—1/2 w.
101107	500M ohm Volume control
130225	15 megohm—1/2 w.
1309	200 ohm—1/2 w.
1303	500M ohm—1/2 w.
13024	400 ohm—1/2 w.

Code No.	Description
10287E	2 gang variable condenser
1009	.05 x 200 v.
10022	Antenna Trimmer on gang
12912	.05 x 200 v.
11957	Oscillator trimmer—on gang
11958	.00225—mica
10022	15 mfd.—150 w. v.
10068	30 mfd.—150 w. v.
12912	.05 x 200 v.
10011	.00225—Mica
1292	.01 x 400 v.
10011	.01 x 400 v.
10031	.5 x 120 w. v.
11957	15 mfd.—25 w. v.
10019	.005 x 600 v.
10020	.1 x 200 v.



WIRING SIDE OF OCTAL TUBE SOCKET SHOWING LOCATIONS OF PINS

Part No.	Description
T1	11192
T2	11073
T3	10896E
T4	10895D
T5	10570
T6	114118
T7	104137
P1	10568
S1	10789
	1268

VOLTAGES AT SOCKETS

TUBE	FUNCTION	Prong No. 1	Prong No. 2	Prong No. 3	Prong No. 4	Prong No. 5	Prong No. 6	Prong No. 7	Prong No. 8
6D8—Converter		0	6.25	137	80		137	6.25	3.0
6S7—I. F. Amplifier		0	6.25	137	80	3.0		6.25	3.0
6T7—Diode-Triode		0	6.25	57				6.25	0
6K6—Output		0	6.25	130	137			6.25	5.4 (2)

(1) DC voltage as read across heater terminals 2 and 7.
(2) Bias (11.6 volts) as read across terminals 8 to 7.
Supply Voltage 6.3 DC—Volume Control: Maximum Readings taken with 1000 ohm-per-volt meter

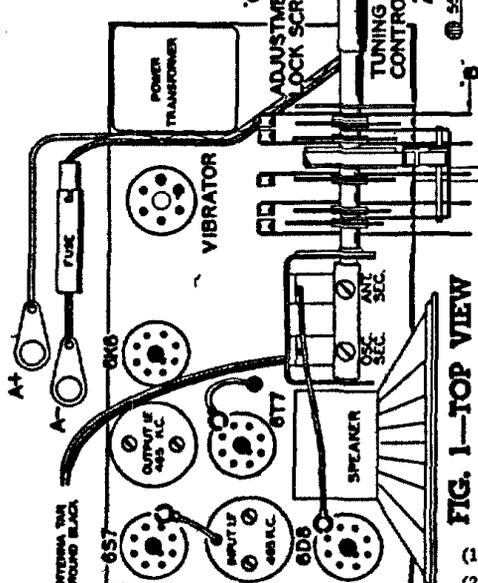


FIG. 1—TOP VIEW