

Gamble-Skogmo, Inc.

Model: 43-8240

Chassis:

Year: Pre 1949

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

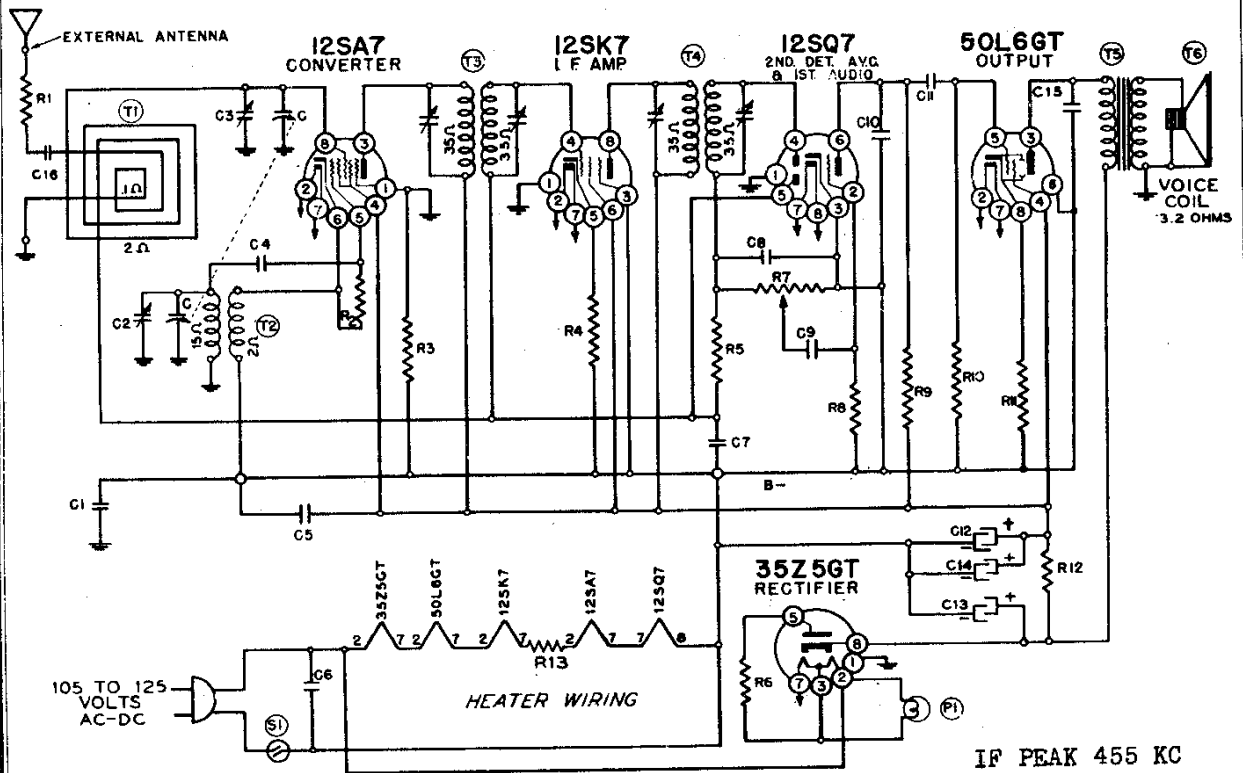
[Riders Volume 17 - GAMBLE 17-19](#)

[Riders Volume 17 - GAMBLE 17-20](#)

[Riders Volume 17 - GAMBLE 17-21](#)

[Riders Volume 17 - GAMBLE 17-22](#)

DECEMBER 30, 1946



IF PEAK 455 KC

Note: Some sets of this model were built with a 2-section electrolytic condenser — a 40-mf section (C13) and a 20-mf section (C12 or C14).

CONDENSERS

- C 2-gang variable
- C1 .15 x 400 volts
- C2 Oscillator trimmer on gang
- C3 Antenna trimmer
- C4 .0002 mica
- C5 .05 x 200 volts
- C6 .1 x 400 volts
- C7 .05 x 200 volts
- C8 .0001 mica
- C9 .002 x 600 volts
- C10 .0005 mica
- C11 .004 x 600 volts
- C12 Electrolytic, 20 x 150 volts

- C13 Electrolytic, 40 x 150 volts
- C14 Electrolytic, 20 x 150 volts
- C15 .02 x 400 volts
- C16 .002 x 600 volts

RESISTORS

- R1 1000 ohms, 20%, 1/2 watt
- R2 47,000 ohms, 10%, 1/2 watt
- R3 220,000 ohms, 20%, 1/2 watt
- R4 47 ohms, 10%, 1/2 watt
- R5 3.3 megohms, 20%, 1/2 watt
- R6 22 ohms, 10%, 1/2 watt
- R7 Volume control, 1 megohm
- R8 10 megohms, 20%, 1/2 watt
- R9 470,000 ohms, 20%, 1/2 watt

- R10 680,000 ohms, 20%, 1/2 watt
- R11 150 ohms, 10%, 1/2 watt
- R12 1200 ohms, 10%, 1 watt
- R13 33 ohms, 20%, 1 watt

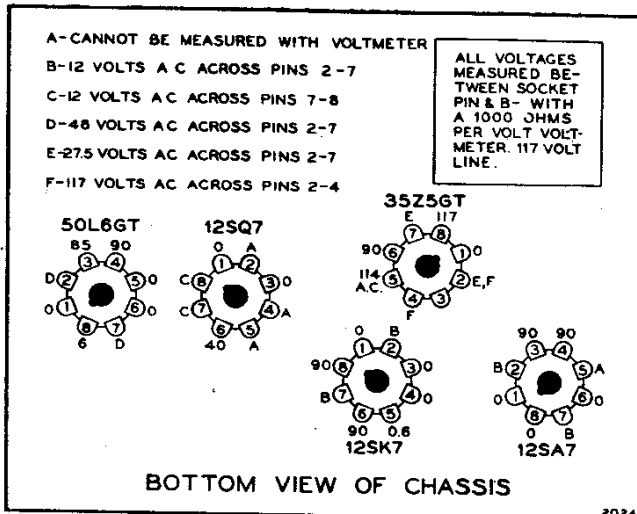
MISCELLANEOUS

- P1 Pilot light, 6-8 volts
- S1 On-off switch on volume control
- T1 Loop antenna assembly
- T2 Oscillator coil
- T3 Input I.F. coil
- T4 Output I.F. coil
- T5 Output transformer
- T6 5-inch P.M. speaker

SPECIFICATIONS

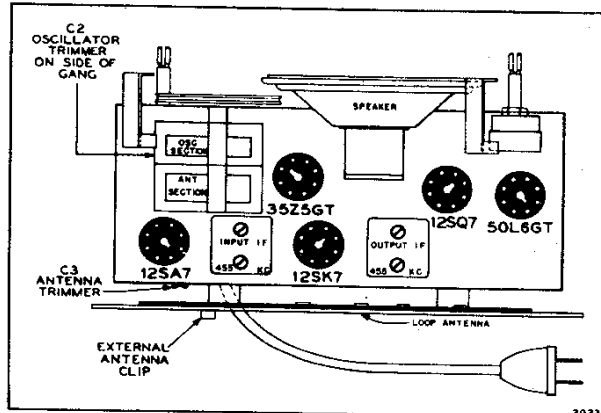
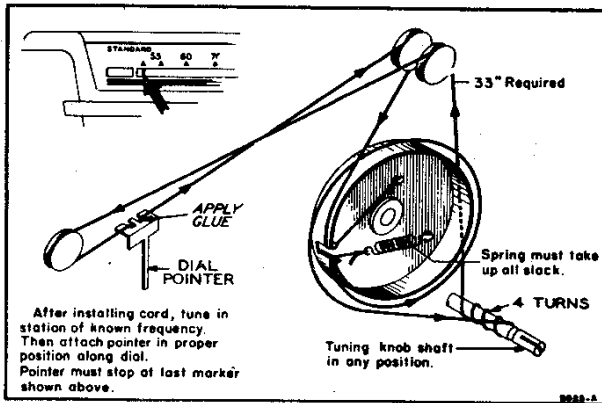
6 Tube Superheterodyne, including rectifier tube
 Power Consumption 35 w.
 Power Output 0.8 w. undistorted, 1.5 w. maximum
 Selectivity 52 kc. broad at 1,000 times signal at 1,000 kc.
 Antenna Built-in loop, also provision for external antenna
 Intermediate Frequency 455 kc.

Speaker 5 in. 0.7 oz. P.M. voice coil imp. 3.2 ohms
 Tuning Two-gang capacitor
 Sensitivity 30 mv. avg. for 50 mw. output
 Frequency Range 530 to 1,650 kc.
 Power Supply 105-125 v. D.C., 50-60 cycle A.C., also made for 25 cycles
 Output Transformer Impedance ratio 2,500:3.2



DRIVE CORD REPLACEMENT

CHASSIS VIEW



ALIGNMENT PROCEDURE

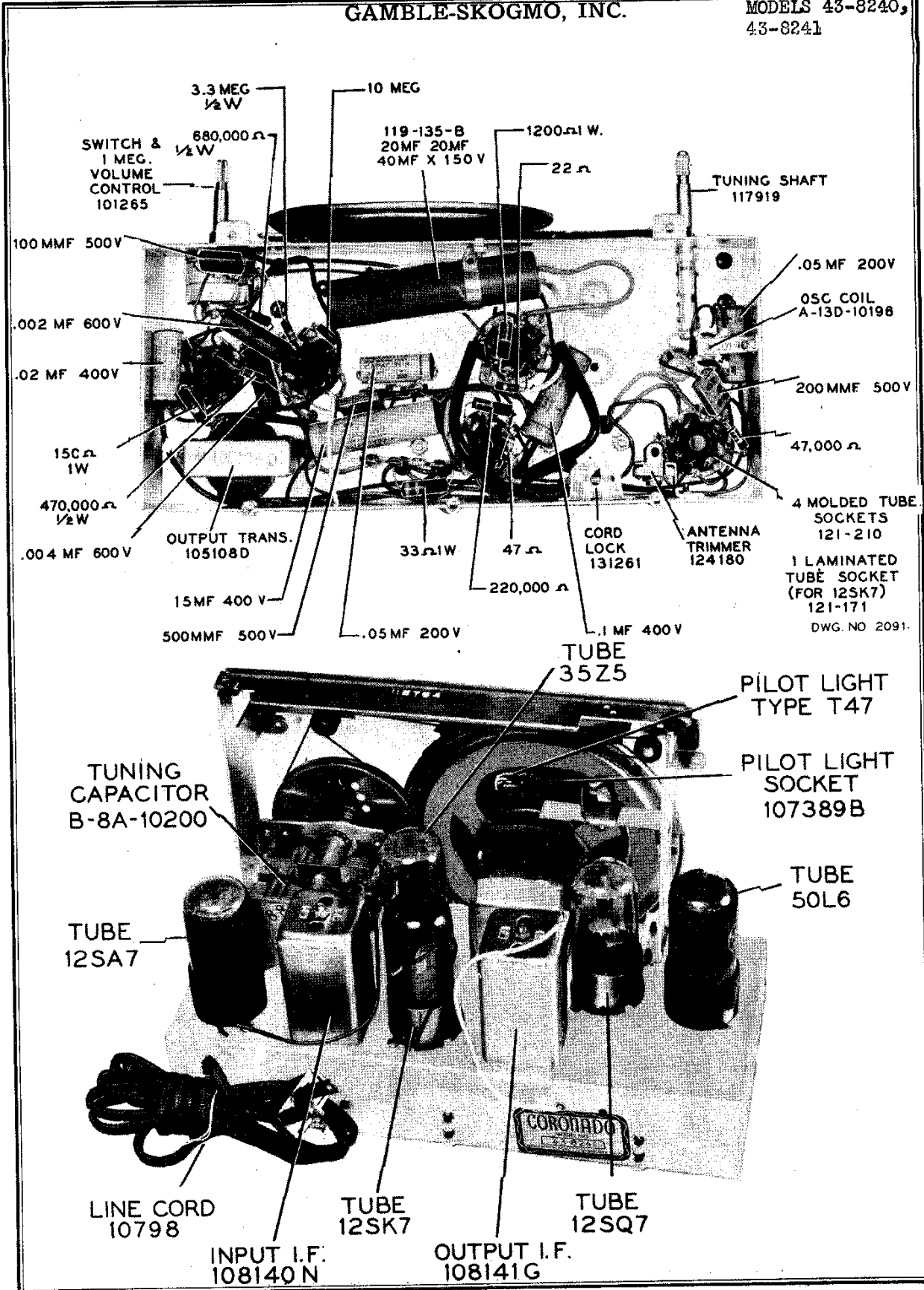
- No aligning adjustments should be attempted until all other possible causes of trouble have been checked.
- The loop antenna should be connected to the radio and in its proper position during all adjustments.
- Turn volume control to maximum (extreme clock-wise) for all adjustments.
- Connect ground post of signal generator to B- of radio through a .1 mfd. condenser.
- Connect dummy antenna value in series with generator output lead.
- Connect output meter across primary of output transformer.

Band	Signal Generator Frequency Setting	Dummy Antenna	Connection to Radio	Tuning Condenser Setting	Adjust for Maximum Output
I.F.	455 Kc.	.1 mfd.	Grid of 12SK7	Rotor full open (plates out of mesh)	2 trimmers on top of output I.F. (see chassis view)
	455 Kc.	.1 mfd.	Grid of 12SA7	Rotor full open (plates out of mesh)	2 trimmers on top of input I.F. (see chassis view)
Broadcast	1650 Kc.	.1 mfd.	Grid of 12SA7	Rotor full open (plates out of mesh)	Oscillator trimmer C2 on gang (see chassis view)
	1400 Kc.	None	See note below	Set dial at 1400 Kc.	Antenna trimmer C3 (see chassis view)

Note: Lay output lead of generator in back of loop antenna. Turn up generator output. Loop antenna will pick up energy.

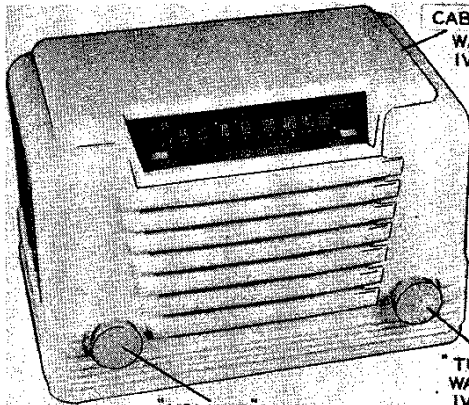
GAMBLE-SKOGMO, INC.

MODELS 43-8240,
43-8241



MODELS 43-8240,
43-8241

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CABINET - BAKELITE
WALNUT 128658-36
IVORY 128658-9

2087

"VOLUME" KNOB
WALNUT 128686-37
IVORY 128686-8

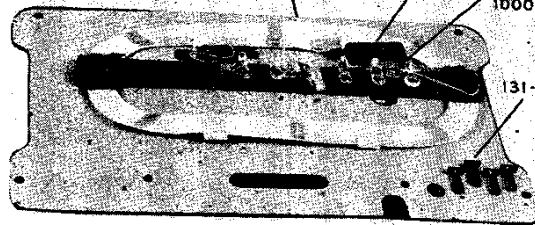
"TUNING" KNOB
WALNUT 128687-37
IVORY 128687-8

COMPLETE ASSEMBLY,
LOOR RESISTOR, CAPACITOR
& BACK (SPECIFY BACK COLOR)
IVORY C-13E-10195
OR
WALNUT C-212-11269

C-8D-10778
.002 MF 600 V

C-981-13
1000 Ω

131-356

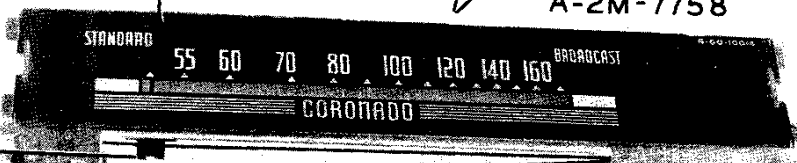


DIAL SCALE
B-6D-10014

DIFFUSER UNDER DIAL
A-6D-10017

DIFFUSER CINCH BUTTONS
A-2M-7758

DIAL
POINTER
A-2G-10199



STRING
1209

SPEAKER
114251-B

SPRING
120145

