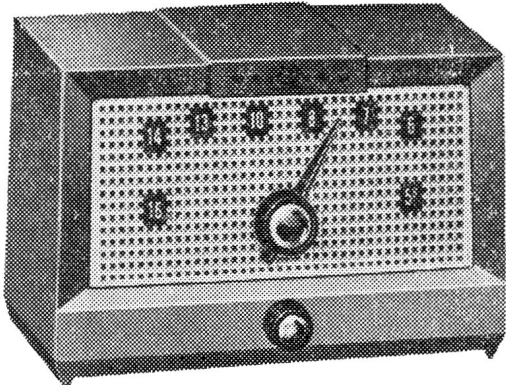


VIKING Service Information for "RM-275"



SPECIFICATIONS

Standard Broadcast Range 540 Kc — 1650 Kc
Intermediate Frequency 455 Kc
Power Consumption 30 Watts
Undistorted Output 750 mw
Maximum Power Output 1.5 Watts

VOLUME

GANG			
12AV6			
35W4	12BE6	12BA6	50C5

Power supply: 105-125 Volts A.C., 25-60 Cycles or 105-125 Volts D.C.

When writing for Service Information or Parts, please quote Model Number, Serial Number and finish of cabinet.

CAUTION FOR SERVICEMEN

Any serviceman working with this receiver when it is out of the cabinet should take special care not to come in contact with any ground connections.

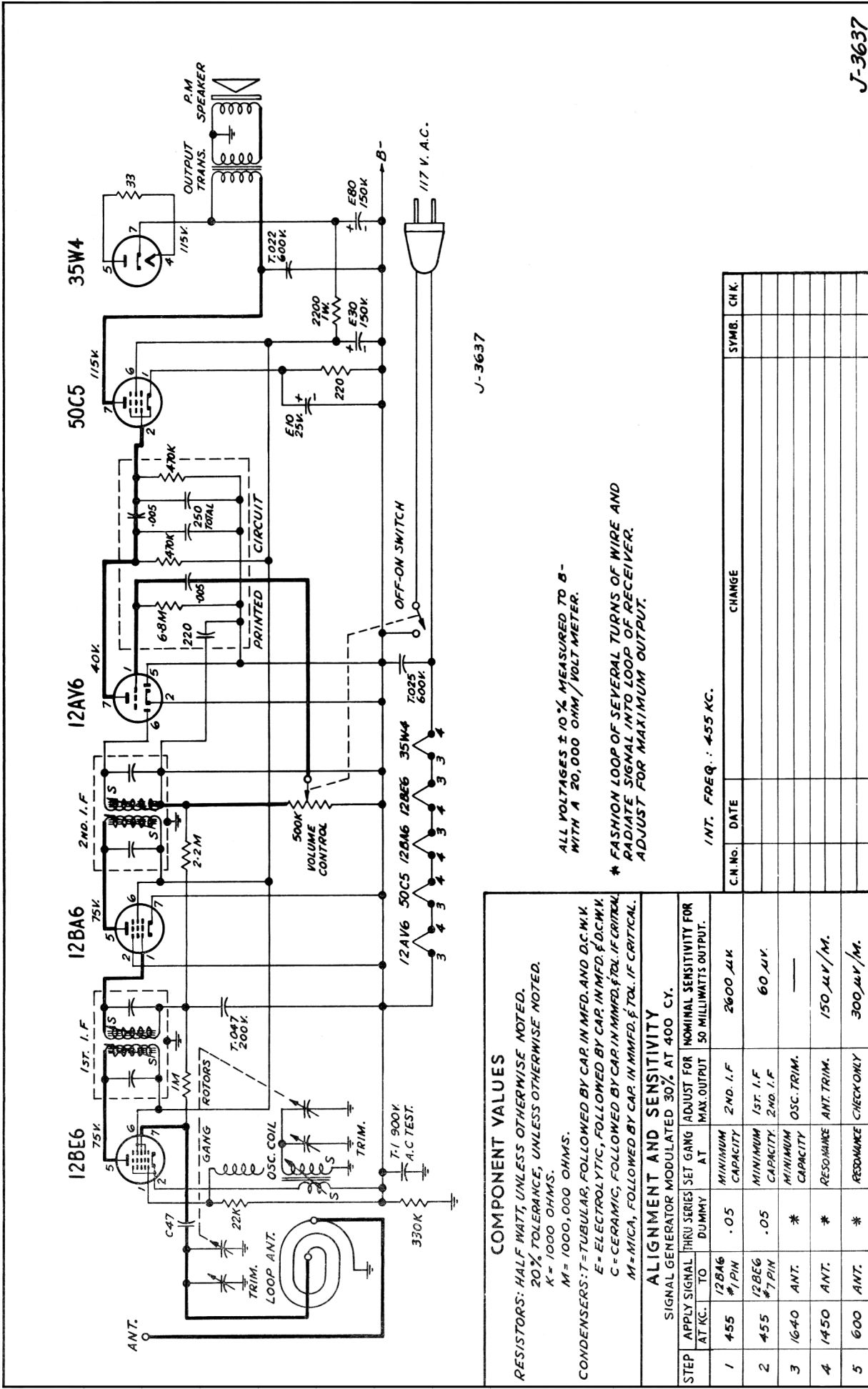
SERVICE REPLACEMENT PARTS LIST

G-568-5.....Electrolytic 80 and 30 ufd x 200 DC WV
10 ufd x 250 DC WV
K-1446-1..... Line Cord & Plug Assembly 6' — Ivory
K-1503.....Printed Circuit — Audet
K-1427-7..... Speaker — 4" P.M.
LK-582-2..... Output Transformer 3.2 ohm V.C.
P-2438-1..... BC Osc. Coil
P-2923..... I.F. Transformer (1st and 2nd)
P-2952..... Loop Antenna Assembly
R-307-1..... Volume Control & AC Switch
V-395-1..... Gang Condenser

INSTALLATION

A-3013-1..... Cabinet — Ivory
A-3013-2..... Cabinet — Bronze
A-3013-3..... Cabinet — Red
A-3014..... Grille
N-492..... Knob — Pointer
N-493..... Knob — Volume Control

THE T. EATON CO LIMITED
C A N A D A



J-3637

ALL VOLTAGES $\pm 10\%$ MEASURED TO B- WITH A 20,000 OHM/VOLT METER.

* FASHION LOOP OF SEVERAL TURNS OF WIRE AND RADIATE SIGNAL INTO LOOP OF RECEIVER. ADJUST FOR MAXIMUM OUTPUT.

COMPONENT VALUES

RESISTORS: HALF WATT, UNLESS OTHERWISE NOTED.
20% TOLERANCE, UNLESS OTHERWISE NOTED.
K = 1000 OHMS.
M = 1000,000 OHMS.

CONDENSERS: T = TUBULAR, FOLLOWED BY CAP. IN MFD. AND D.C. W.V.
E = ELECTROLYTIC, FOLLOWED BY CAP. IN MFD. & D.C. W.V.
C = CERAMIC, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL.
M = MICA, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL.

ALIGNMENT AND SENSITIVITY

SIGNAL GENERATOR MODULATED 30% AT 400 CY.

STEP	APPLY SIGNAL AT KC.	THRU SERIES SET DUMMY AT	GANG	ADJUST FOR NOMINAL SENSITIVITY FOR 50 MILLIWATTS OUTPUT.
1	455	12BA6 #/PH	MINIMUM CAPACITY .05	2ND. I.F. 2600 μ K
2	455	12BE6 #/PIN	MINIMUM CAPACITY .05	1ST. I.F. 60 μ V
3	1640	ANT.	* OSC. TRIM.	—
4	1450	ANT.	* RESONANCE	150 μ V/M.
5	600	ANT.	* RESONANCE	300 μ V/M.

C.N. No.	DATE	CHANGE	SYMB.	CHK.

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