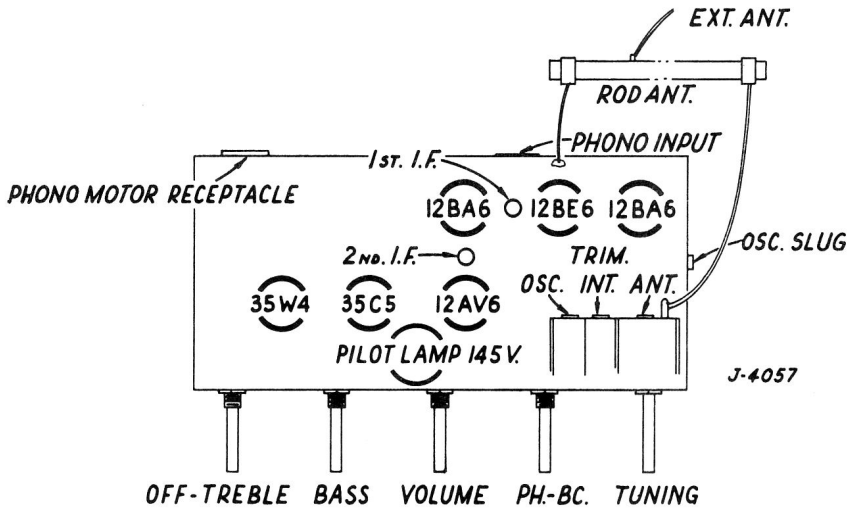
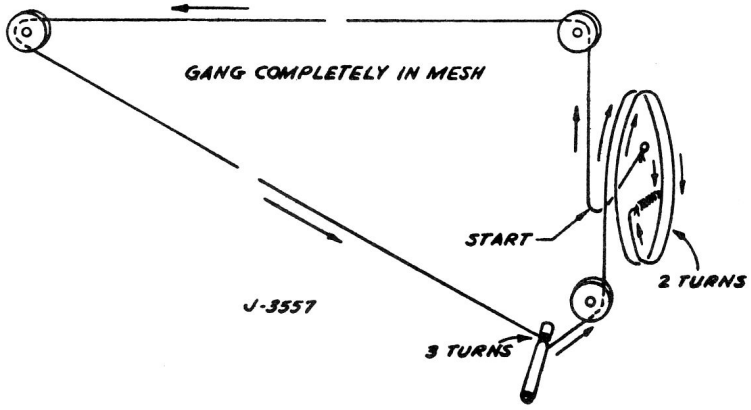
VIKING Service Information for MODEL RC-288

6 Tube, 1 Band



SPEAKER LEADS
GREEN-GREEN DOT ON 10" SPEAKER
BLACK-BLACK DOT ON 10" SPEAKER
BLUE-GREEN DOT ON 3½" SPEAKER
BLACK-BLACK DOT ON 3½" SPEAKER
JUMPER-BLACK DOT ON 3½" SPEAKER TO GREEN DOT ON 3½" SPEAKER



STRINGING DETAIL

For Operation on 110-120 Volts A.C. — Cycle as listed on License Plate.

SPECIFICATIONS

Standard Broadcast Range	540 Kc. — 1650 Kc.
Intermediate Frequency	455 Kc.
Power Consumption (Radio Only)	22 Watts
Power Consumption (Radio and Phono)	31 Watts
Undistorted Output	.75 Watts
Maximum Power Output	1.5 Watts

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

FOR ALIGNMENT AND SENSITIVITY DATA SEE SCHEMATIC

SERVICE REPLACEMENT PARTS LIST

CHASSIS

A-4041.....Glass Dial Scale
B-4123-7.....Drive Shaft
G-596-1.....4 Section Electrolytic, 50 ufd x 150 V., 50 ufd x 150V, 20 ufd x 150 V., 10 ufd x 25V.
G-604-1.....Single Electrolytic Non Polarized 5 ufd. x 20V. A.C.
K-1133.....Pilot Lamp 145 V.
K-1394.....Filpec (Printed Circuit)
LK-633-1.....Output Transformer
MP-1204-38...Pointer and Slider Assembly
P-2356-1.....B.C. Interstage Coil
P-2876-2.....Oscillator Coil
P-2923.....I.F. Transformer (1st and 2nd)
P-3025-1.....Rod Antenna Assembly
Q-299-6.....Phono — BC Switch
R-465-2.....Volume Control (tapped)
R-473-2.....Bass Tone Control
R-474-1.....Treble Control with AC-Off-On Switch
V-373-1.....Gang Condenser

INSTALLATION

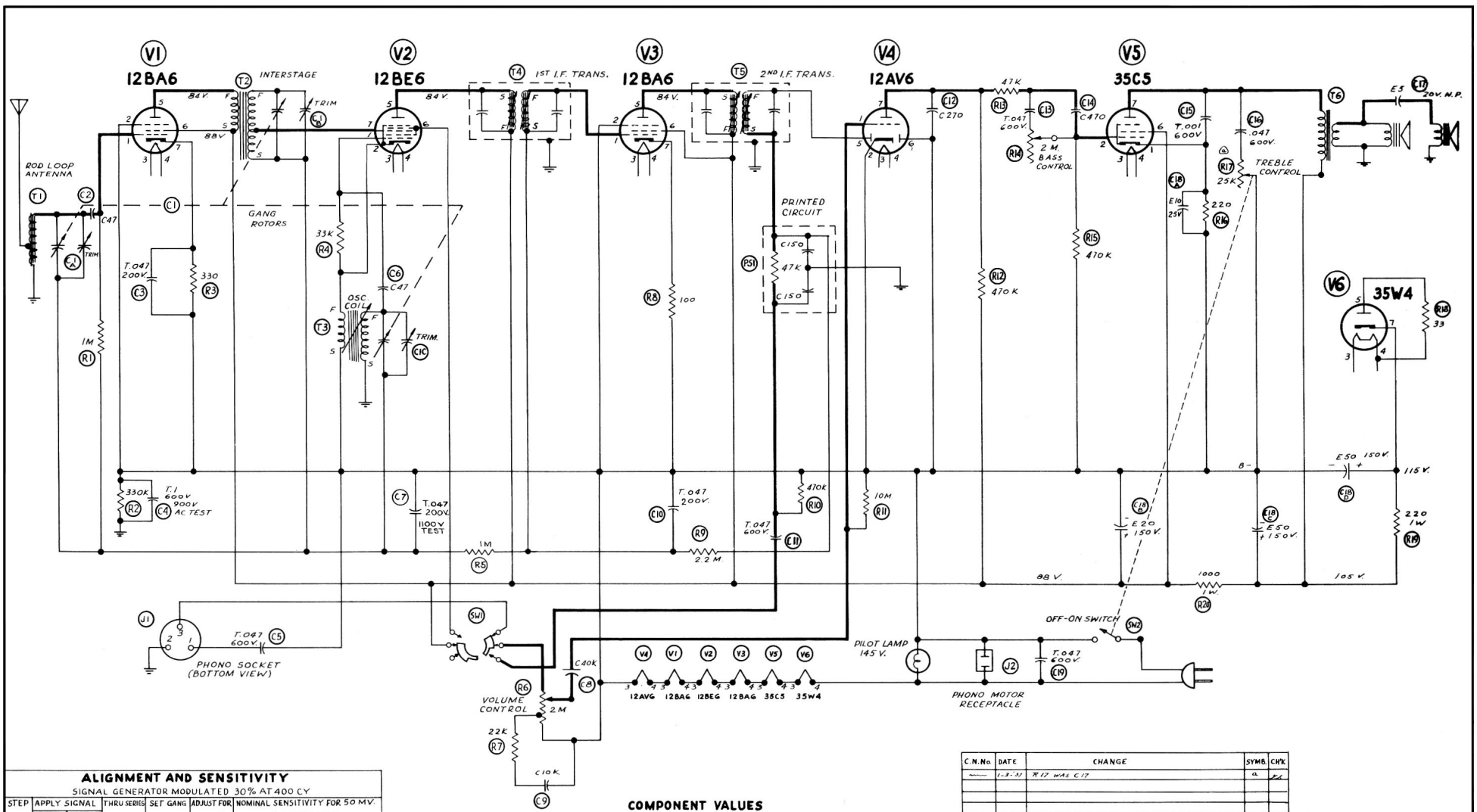
C-1065.....Escutcheon
K-1521.....10" PM Speaker
K-1633.....3½" PM Speaker
N-522-2.....Knobs

AUTOMATIC RECORD CHANGER

P-2960-7.....BSR Model UA8 60 cy. Changer Complete
P-2961-7.....BSR Model UA8 60 cy. Changer Complete
K-1751-1.....BSR Model UA8 60 cy. Changer less Leads
K-1752-1.....BSR Model UA8 25 cy. Changer less Leads
K-1784.....Crystal Cartridge
LP (1 mil.)....Replacement Stylus Astatic—N8—1J
78 (3 mil.)....Replacement Stylus Astatic—N8—3J

THE T. EATON Co LIMITED
CANADA

J-4059 (750-2-57-B.)



ALIGNMENT AND SENSITIVITY

SIGNAL GENERATOR MODULATED 30% AT 400 CY.

STEP	APPLY SIGNAL AT KC.	TO	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR 50 MV. AT OUTPUT JACK
1	455	12BA6 No. 1 P.C.	.05	—	2ND I.F.	2800 μV.
2	455	12BE6 No. 7 PIN	.05	MINIMUM CAPACITY	1ST I.F. 2ND I.F.	115 μV.
3	1460	12BA6 No. 1 PIN	.05	1460 KC.	OSC. AND INTERSTAGE TRIMMERS	ADJUST OSCILLATOR PAD AT 600
4	1460	ANT.	400Ω	1460 KC.	ANTENNA & INTERSTAGE TRIMMERS	5 μV.
5	600	ANT.	400Ω	600 KC.	INTERSTAGE SLUG	11 μV.

COMPONENT VALUES

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

CONDENSERS: T = TUBULAR, FOLLOWED BY CAP. IN M.F.D. 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

C.N. No.	DATE	CHANGE	SYMB.	CH'K
—	1-3-51	R17 WAS C17	a	FK

J-4055