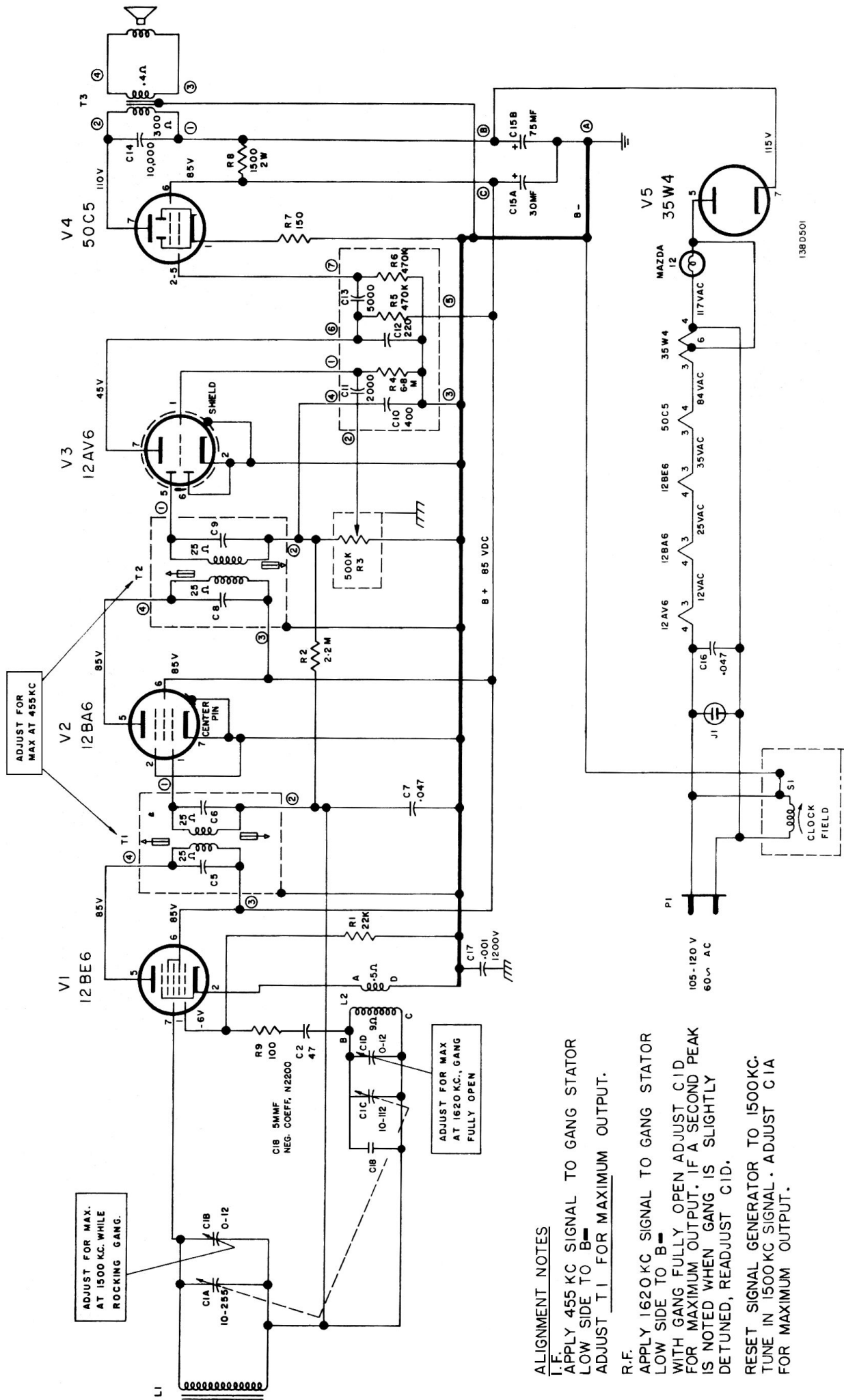




ALIGNMENT NOTES

I.F. APPLY 455 KC SIGNAL TO GANG STATOR LOW SIDE TO B- ADJUST T1 FOR MAXIMUM OUTPUT.

R.F. APPLY 1620 KC SIGNAL TO GANG STATOR LOW SIDE TO B- WITH GANG FULLY OPEN ADJUST C1D FOR MAXIMUM OUTPUT. IF A SECOND PEAK IS NOTED WHEN GANG IS SLIGHTLY DETUNED, READJUST C1D.

RESET SIGNAL GENERATOR TO 1500KC. TUNE IN 1500KC SIGNAL. ADJUST C1A FOR MAXIMUM OUTPUT.

UNLESS OTHERWISE NOTED

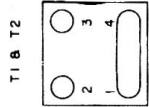
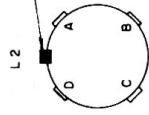
CAPACITORS, MORE THAN ONE = MMF
CAPACITORS, LESS THAN ONE = MF

RESISTORS, K = 1,000
M = 1,000,000

DC VOLTAGES AT 117V LINE TO B- WITH 20,000 OHMS-PER-VOLT METER

CHASSIS

L2 OSC. COIL
GREEN STRIPE
DENOTES KEY



BOTTOM VIEWS

LOUDSPEAKER

VOICE COIL IMPEDANCE
3-2 OHMS AT 400~

POWER OUTPUT

UNDISTORTED 0.9 WATTS
MAXIMUM 1.5 WATTS

1380501

Tube Pin Resistance Chart							
Tube	1	2	3	4	5	6	7
12AV6	6.8M	0	15	0	500K	0	*470K
12BA6	2.7M	0	25	15	*1500ohm	*1500ohm	0
12BE6	22K	0	35	25	*1500ohm	*1500ohm	2.7M
50C5	150ohm	470K	35	80	470K	*1500ohm	*300ohm
35W4	TP	TP	80	110	105	105	20K (w/a.)

Tube	1	2	3	4	5	6	7
12AV6	6.8M	0	15	0	500K	0	*470K
12BA6	2.7M	0	25	15	*1500ohm	*1500ohm	0
12BE6	22K	0	35	25	*1500ohm	*1500ohm	2.7M
50C5	150ohm	470K	35	80	470K	*1500ohm	*300ohm
35W4	TP	TP	80	110	105	105	20K (wla.)

TP-Tie Point
* Measured from Pin 7 of V5
Resistances measured with pilot light(Mazda # 12) in socket
All measurements taken with respect to B- unless otherwise

Push Buttons

Cabinet Back

Cabinet Front

Clock Crystal

Snooze Bar

Volume Knob

Dial Scale

Tuning Knob

SWITCH

