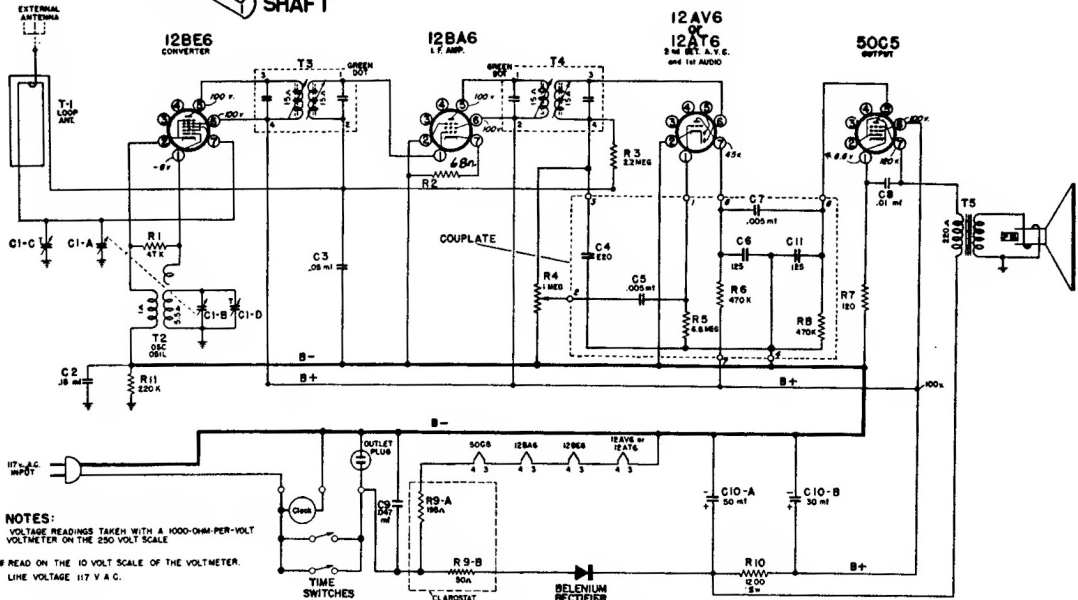
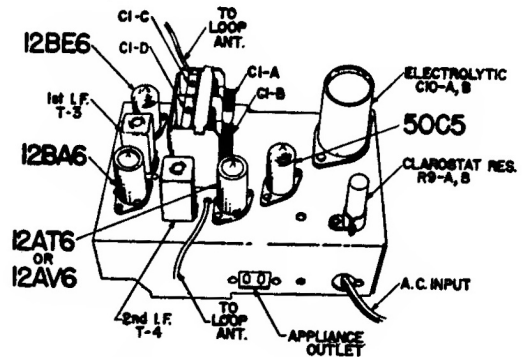
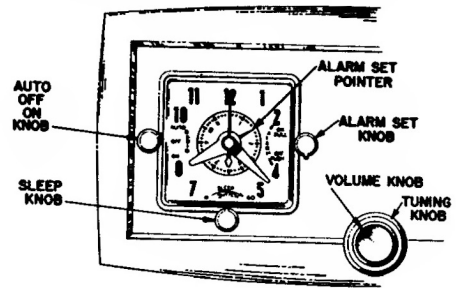
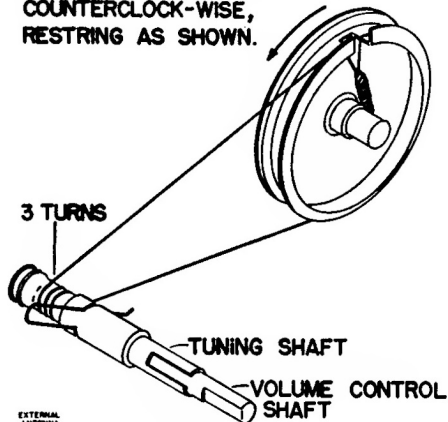


RAYTHEON

MODELS C-50B, C-51W, C-52R
CHASSIS 4D16-A

TURN DRUM COMPLETELY
COUNTERCLOCK-WISE,
RESTRING AS SHOWN.



NOTES:
VOLTAGE READINGS TAKEN WITH A 1000-OHM PER-VOLT
VOLTMETER ON THE 250 VOLT SCALE.
* READ ON THE 10 VOLT SCALE OF THE VOLTMETER.
LINE VOLTAGE 117 V. A. C.

ALIGNMENT PROCEDURE

- Loop must be connected and volume set to maximum.

SIGNAL GENERATOR				TUNER SETTING	ADJUST FOR MAXIMUM OUTPUT
Frequency	Coupling Capacitor	Connection to Radio	Ground Connection		
455 kc.	.1 mf.	12BE6, Pin 7	HEAVY BUSS LEAD ACROSS CENTER OF CHASSIS	(Capacitor fully open) (plates out of mesh)	Top and bottom Cores in output and input I.F. cans
1620 kc.	.1 mf.	12BE6, Pin 7		(Capacitor fully open) (plates out of mesh)	Oscillator trimmer C1-D on gang
535 kc.	.1 mf.	12BE6, Pin 7		Capacitor fully closed	Check for adequate range
1400 kc.	—	Lay Generator lead near back of cabinet		Tune in 1400 kc. signal	Antenna trimmer C1-C on gang