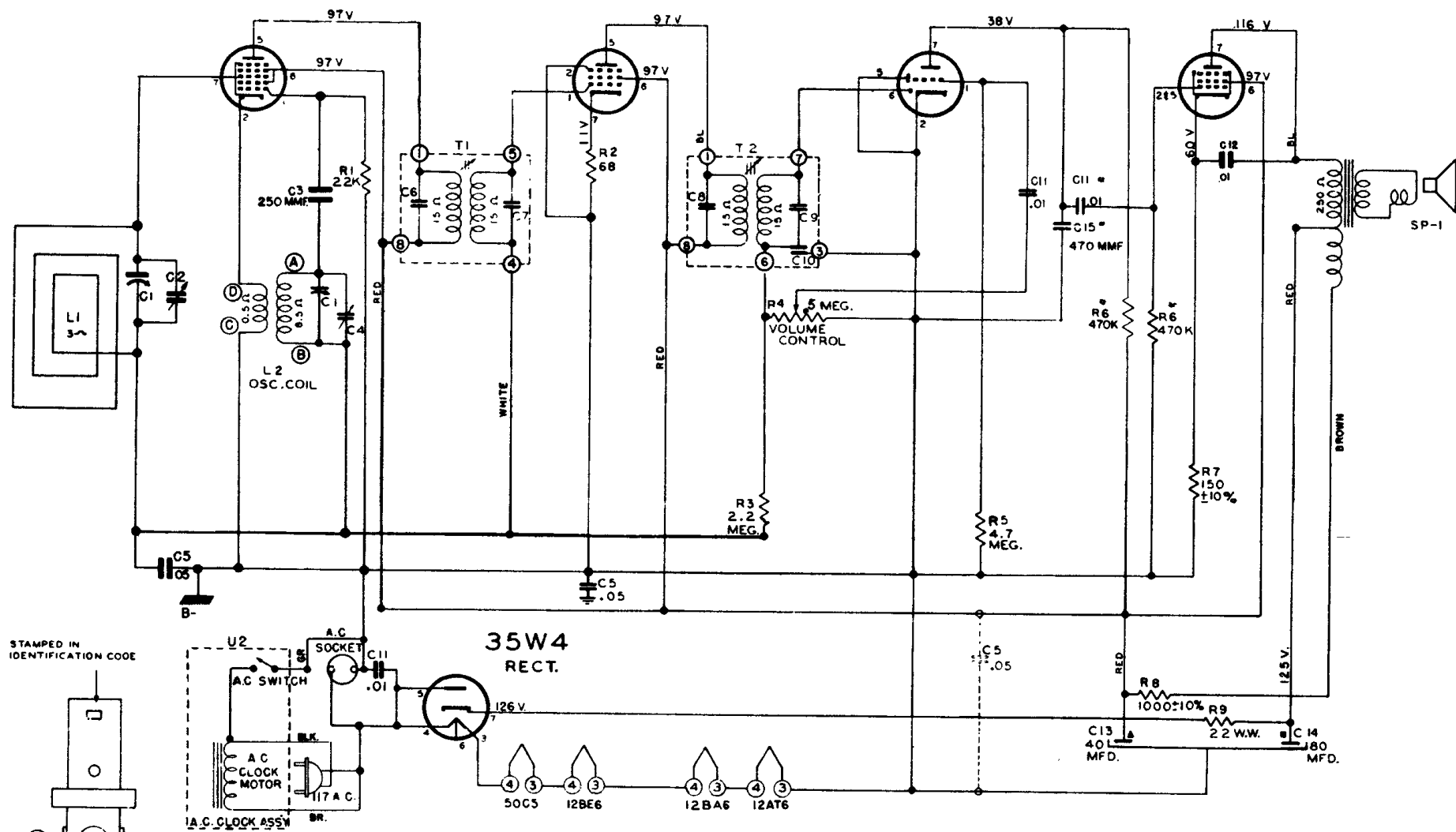
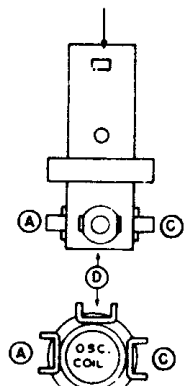


12BE6  
CONVERTER12BA6  
I.F.12AT6  
DET. AMP.50C5  
PWR. AMP.STAMPED IN  
IDENTIFICATION CODE

ALL VOLTAGES MEASURED FROM COMMON  
RETURN TO POINTS INDICATED WITH AN  
A.C., D.C. OR VACUUM TUBE VOLTMETER

ALL VOLTAGES ARE D.C. UNLESS  
OTHERWISE SPECIFIED

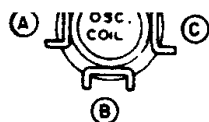
ALL RESISTORS 1.20% TOLERANCE  
UNLESS OTHERWISE SPECIFIED

USE ONLY ZENITH NON-INDUCTIVE ELECTROLYTIC  
CONDENSERS FOR REPLACEMENT.  
IF ANY OTHER TYPE OF ELECTROLYTIC IS USED, IT  
WILL BE NECESSARY TO ADD C5 SHOWN IN DOTTED  
LINES.

I.F. FREQUENCY 455 KC.

I.F. TRANSFORMER NUMBERING STARTS WITH #1  
TERMINAL, AS FIRST TERMINAL CLOCKWISE AND  
ADJACENT TO MARKER AS VIEWED FROM BOTTOM  
OF CHASSIS.

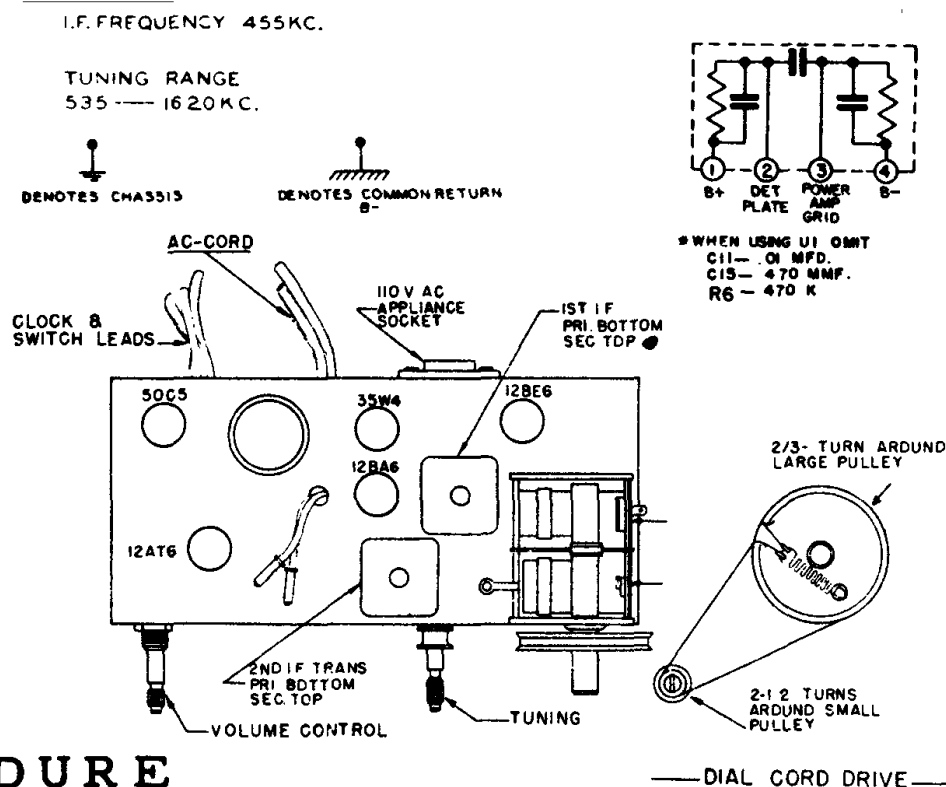
\* U1 (105-27)



ALL RESISTORS 1.20% TOLERANCE  
UNLESS OTHERWISE SPECIFIED

To remove the clock from the cabinet proceed as follows:

1. Remove the three 6/32 hex nuts that fasten the rear clock cover to the clock.
2. Slide the rear clock cover off the time set control shaft.
3. Remove the three hex washer head screws which mount the clock in cabinet.
4. Next unsolder the three-wire cable from the clock motor and switch. Be certain not to tear out the solder terminals from the clock motor or switch.



## ALIGNMENT PROCEDURE

OPERATION	CONNECT OSCILLATOR TO	DUMMY ANTENNA	INPUT SIG. FREQUENCY	SET DIAL AT	TRIMMERS	PURPOSE
1	Converter Grid	.5 Mfd.	455 Kc.	600 Kc.	Adjust Primary & Secondary Slugs.	For I. F. Alignment
2	One Turn Loop Coupled Loosely to Wave Magnet	---	1600 Kc.	1600 Kc.	C-3	Set Oscillator to Dial Scale
3		---	1400 Kc.	1400 Kc.	C-2	Align Antenna Stage