

- C. Be careful not to move components and R.F. wires from the original positions. This can cause substandard operation by misaligning critical circuits.

II. Trouble Shooting Procedure:

- A. Carefully remove and check all tubes.
 B. Check tube voltages as indicated by "TUBE VOLTAGE DATA" chart.
 C. If mixer-osc. or I.F. amplifier tubes are replaced, a slight adjustment in alignment may be required. Remember, only move adjustments a small amount from original position, or gross misalignment will result.

TUBE VOLTAGE DATA

SYM & TYPE	MODE	PIN NUMBERS										FUNCTION
		1	2	3	4	5	6	7	8	9		
6BZ6	REC	-1	0	+12.6	+6.3	135	65	0			R.F. AMP	
	XMIT	-1				150	95					
V2	REC	18	1	28	+12.6	+6.3	140	0	0	-1.1	1 ST. MIX & XTAL OSC.	
6EA8	XMIT	10	-1				150					
V3	REC	12	-1.5	34	+6.3	+12.6	140	0	0	-1.4	2 ND. MIX & OSC.	
6EA8	XMIT	10	-1.5				150					
V4	REC	-8	8	0	+6.3	135	65	0			595KC. IF AMP	
	XMIT	-1				175	95					
V5	REC	-1	85	+12.6	+6.3	145	70				595KC. IF AMP	
6BZ6	XMIT	-1				175	95					
V6	REC	0	-75	+6.3	+12.6	0	0	-6			2 ND. DET. AVC NL	
6AL5	XMIT	-1										
V7	REC	140	45	60	+12.6	0					SQUELCH - B.F.O.	
12AX7	XMIT	135	95									
V8	REC											
6CX8	XMIT	0	3.5	125	0	+6.3	17	0	75	145	OSC & DOUBLER	
V9	REC											
2E26	XMIT	3	+6.3	175	3	-30	3	0		325	CLASS C PWR. AMP	
V10	REC	0	9	+12.6	+6.3		340			300	AUDIO OUTPUT	
6BQ5	XMIT	0	8.75	+12.6	+6.3		320			310	MODULATOR	
V11	REC	0	0	40	+12.6	150	15				1 ST. AUDIO AMP	
6EA8	XMIT	170	0	23	+12.6	+6.3	28	3.0	6.5	0	MIC. PREAMP	

READINGS TAKEN WITH V.T.V.M. FROM SOCKET PINS TO GND.
 ±10% OF SPECIFIED READINGS ARE ACCEPTABLE
 * VOLTS A.C.