



NOTES:  
 TUNING RANGE: 550-1600 AT 500V A.P.  
 AMP. MOD. 100% MOD. 100%  
 FREQ. MOD. 100% MOD. 100%  
 ALL VOLTAGES MEASURED FROM COMMON REFERENCE TO POINTS INDICATED WITH A  
 VACUUM TUBE SOCKET  
 ALL RESISTORS ARE 20% TOLERANCE, 1/2 WATT, CARBON UNLESS OTHERWISE  
 SPECIFIED.  
 \* MOTOR BLADES ON OPPOSITE  
 SIDE OF SWITCH ARE ELECTRI-  
 CALLY CONNECTED

# ZENITH RADIO CORP.

Model SF2530, Chassis 9B26, 3B32

POWER SUPPLY  
 3B32

### Alignment Information



## ALIGNMENT PROCEDURE

	CONNECT OSCILLATOR TO	DUMMY ANTENNA	INPUT SIGNAL FREQUENCY	BAND	SET DIAL TO	ADJUST	PURPOSE
1	Pin 2 on 12AT7 Mixer	.05 mfd.	455 Kc., 400 Cycle Modulated	AM	600 Kc.	L10,11,13,16 & 17	Align I.F. channel for maximum output.
2	TWO TURNS LOOSELY COUPLED TO WAVEMAGNET	.05 mfd.	1600 Kc., 400 Cycle Modulated	AM	1600 Kc.	C5D	Set oscillator to dial scale.
3		.05 mfd.	1400 Kc., 400 Cycle Modulated	AM	1400 Kc.	C5B	Align antenna stage.
4	<b>IMPORTANT:</b> Before attempting to align the FM portion of this receiver the Band switch should be turned to "FM".						
5 (a)	Pin 1 (grid) on 6AU6 limiter	.05 mfd.	10.7 Mc. Unmodulated	FM		L18	Align primary of discriminator for maximum reading.
6 (b)	Pin 1 (grid) on 6AU6 limiter	.05 mfd.	10.7 Mc. Unmodulated	FM		L19	Adjust secondary of discriminator for zero reading.
7 (c)	Pin 1 (grid) on 6BA6 2nd IF	.05 mfd.	10.7 Mc. Unmodulated	FM		L14,15	Align 3rd I.F. transformer for maximum reading.
8 (c)	Pin 1 (grid) on 6BA6 1st IF	.05 mfd.	10.7 Mc. Unmodulated	FM		L12	Align 2nd I.F. transformer for maximum reading.
9 (c)	Pin 2 on 12AT7 Mixer	.05 mfd.	10.7 Mc. Unmodulated	FM		L8,9	Align 1st I.F. transformer for maximum reading.
10 (c)	<b>REPEAT STEPS 7,8 &amp; 9</b>						
11 (c)	Antenna Post FM (Remove line antenna)	270 ohms	98 Mc. Unmodulated	FM	98 Mc.	L4 Osc. Coil Slug.	Set oscillator to dial scale.
12 (c) (d)	Antenna Post FM (Remove line antenna)	270 ohms	98 Mc. Unmodulated	FM	98 Mc.	L7 Det. Coil Slug.	Align det. stage to maximum reading.