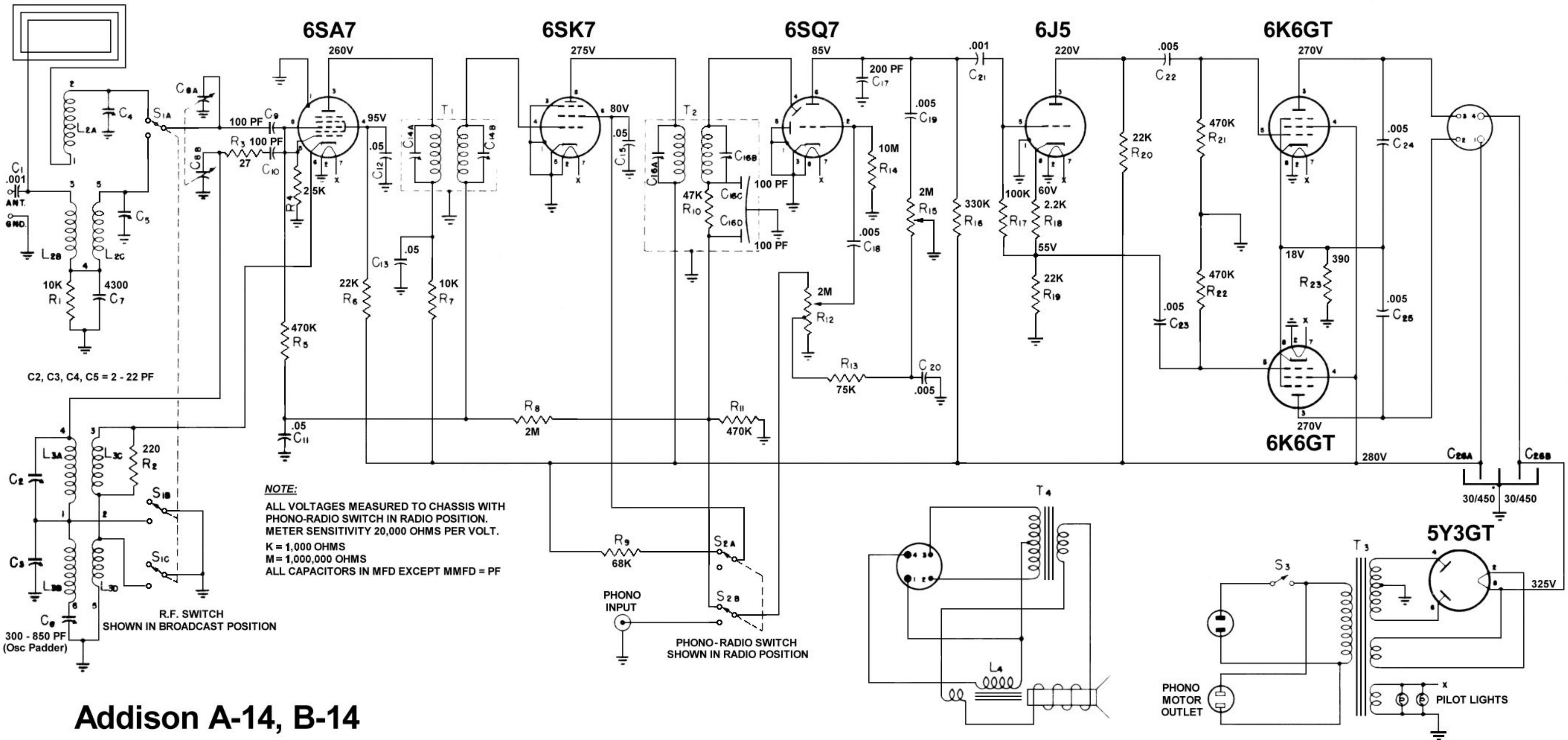
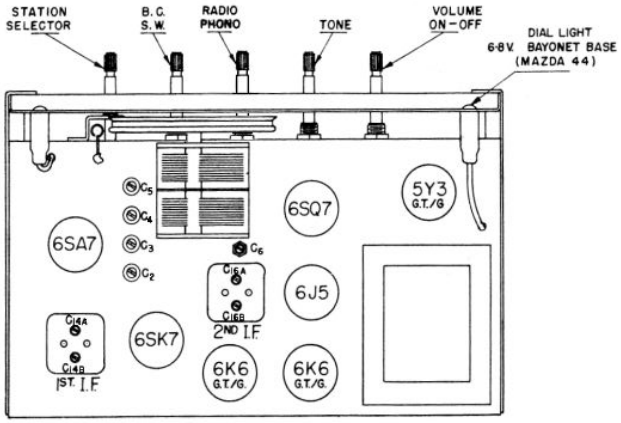
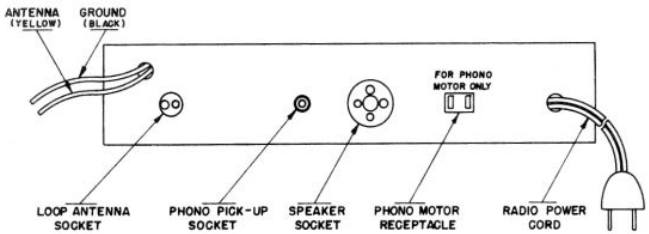
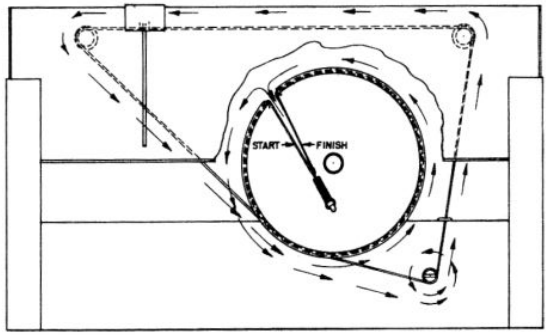
Addison A-14, B-14

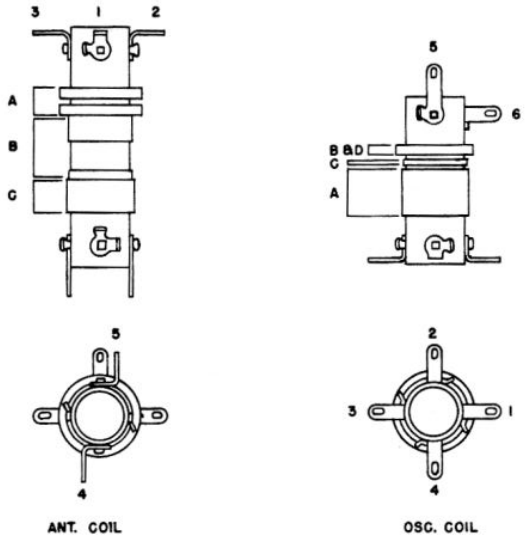


Addison A-14 (25 Hz), Addison B-14 (60 Hz)









Output Meter - Connect meter leads to the voice coil terminals of the speaker and turn the receiver volume control to maximum.

Test Oscillator or Signal Generator - For all alignment operations connect the ground side of the test apparatus to the receiver chassis, and keep the signal input to the circuit being tuned as low as possible to avoid A.V.C. action.

TEST OSCILLATOR				BAND SWITCH SETTING	RECEIVER DIAL SETTING	CIRCUIT TO ADJUST	SYMBOL ON SCHEMATIC
STEPS IN ALIGNMENT	CONNECTION TO RECEIVER	DUMMY ANTENNA	FREQUENCY SETTING				
1.	CONTROL GRID 6SK7 PIN NO. 4	.05 MFD.	456 KC.	B.C.	NO SIGNAL 540-700KC.	2ND I.F. TRANS-FORMER	C16A C16B
2.	CONTROL GRID 6SA7 PIN NO. 8	.05 MFD.	456 KC.	B.C.	NO SIGNAL 540-700 KC.	1ST I.F. TRANS-FORMER	C14A C14B
3.	ANTENNA LEAD (YELLOW)	400 OHMS.	16 MC.	S.W.	16 MC.	S.W. OSC.	C2
4.	ANTENNA LEAD (YELLOW)	400 OHMS	16 MC.	S.W.	16 MC.	S.W. ANT.	C5
5. SEE NOTE 1.	ANTENNA LEAD (YELLOW)	400 OHMS.	16 MC.	S.W.	APPROX. 16.9 MC.	NONE - INCREASE IN-PUT SIGNAL FROM TEST-OSCI-LLATOR APPROX. 5 TIMES.	
6.	ANTENNA LEAD (YELLOW)	200 MMF.	600 KC.	B.C.	600 KC.	B.C.OSC. LOW FRE-QUENCY PADDER.	C6
7.	ANTENNA LEAD (YELLOW)	200 MMF.	1500 KC.	B.C.	1500 KC.	B.C.OSC-ILLATOR TRIMMER	C3
8. SEE NOTE 2.	ANTENNA LEAD (YELLOW)	200 MMF.	1500 KC.	B.C.	1500 KC.	B.C. ANTENNA	C4

NOTE:- 1. THE PURPOSE OF STEP NO. 5 IS TO PROVE THAT THE SHORT WAVE BAND HAS BEEN CALIBRATED TO THE SIGNAL FREQUENCY AND NOT AN IMAGE.

ON SHORT WAVE THE OSCILLATOR OF THIS RECEIVER TUNES LOWER THAN THE SIGNAL FREQUENCY. IF THE TEST SIGNAL IS HEARD AT APPROX. 16.9 MC. THE OSCILLATOR IS TUNED TO THE CORRECT FREQUENCY.

NOTE:- 2. ALIGNMENT OF THE BROADCAST BAND SHOULD BE MADE WITH THE LOOP ANTENNA CONNECTED. FOR CONVENIENCE IT MAY BE NECESSARY TO USE EXTENSION LEADS BETWEEN THE LOOP PLUG AND THE RECEIVER CHASSIS.