

SWITCH VIEWED FROM KNOB END  
(CHASSIS INVERTED)

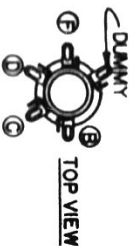
BAND CHANGE SWITCH "SC" IS SHOWN  
IN BROADCAST POSITION, WHICH IS  
EXTREME COUNTERCLOCKWISE POSITION  
OF SWITCH VIEWED FROM FRONT OF  
CHASSIS.

ARROW → INDICATES CLOCKWISE  
ROTATION OF ANY SHAFT VIEWED  
FROM FRONT OF CHASSIS.

⊥ INDICATES CHASSIS BASE ONLY,  
NOT TRUE GROUND.

"BROADCAST ALIGNMENT"  
OSCILLATOR PADDER 600KC. - C16  
OSCILLATOR TRIMMER 1600KC. - C15  
ANTENNA TRIMMER 1600 KC - C12

"SHORT WAVE ALIGNMENT"  
OSC. (SHORTED TURN ADJUSTMENT) 6MC.  
OSC. TRIMMER 17MC. - C13  
ANT. TRIMMER 17MC. - C10



TOP VIEW



OSCILLATOR COIL  
(L5, L6, L7)



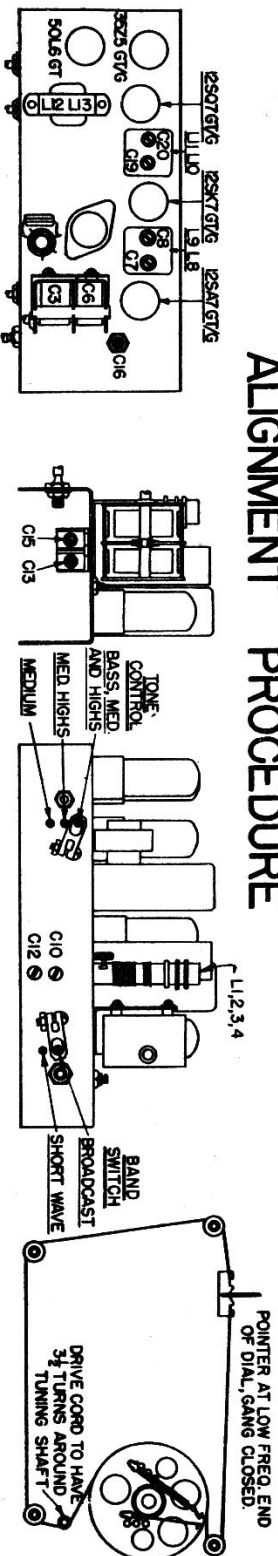
ANTENNA COIL  
(L1, L2, L3, L4)

TOP VIEW

ANTENNA COIL  
(L1, L2, L3, L4)



## ALIGNMENT PROCEDURE



S I G N A L   G E N E R A T O R				R E C E I V E R		
Operation Steps	See Notes	Output Connection to Receiver	Frequency	Range Switch	Tuning Capacitor	Adjust for Max. Output
1		To stator of C3 through .01 mfd. capacitor	455 kc.	B.C.	Min. Cap.	I.F. Trimmers C20, C19, C8, C7
2	"A"	To antenna contact through 200 mmfd. capacitor	600 kc.	B.C.	600 kc.	Osc. Series Padder C16
3	"B"	To antenna contact through 200 mmfd. capacitor	1600 kc.	B.C.	1600 kc.	B.C. Osc. Trimmer C15 B.C. Ant. Trimmer C12
4	"C" & "B"	To antenna contact through 400 ohm carbon resistor	17 mc.	S.W.	17 mc.	S.W. Osc. Trimmer C13
5	"A"	To antenna contact through 400 ohm carbon resistor	17 mc.	S.W.	17 mc.	S.W. Ant. Trimmer C10
6	"D" & "B"	To antenna contact through 400 ohm carbon resistor	6 mc.	S.W.	6 mc.	Shorted Turn Oscillator Adjustment
7		To antenna contact through 400 ohm carbon resistor	17 mc.	S.W.	17 mc.	Repeat Operation 4 and 5

NOTE "A": Tune the receiver to maximum output. Adjust trimmer slightly and rock the tuning capacitor back and forth. Repeat this procedure until greatest output is obtained.

NOTE "B": Slide the chassis back into cabinet and adjust dial pointer to required frequency. Remove chassis from cabinet, being careful not to alter tuning capacitor setting.

NOTE "C": Adjust oscillator trimmer to maximum capacity position (clockwise). Turn screw counter-clockwise until first peak is obtained. This will be the greater capacitance position at which a peak is obtained.

NOTE "D": Tune the receiver to maximum output. Adjust shorted turn slightly and rock the tuning capacitor back and forth. Repeat this procedure until greatest output is obtained.