

REPLACEMENT PARTS LIST FOR 726 SW & 726 SHORT WAVE-BROADCAST RECEIVERS

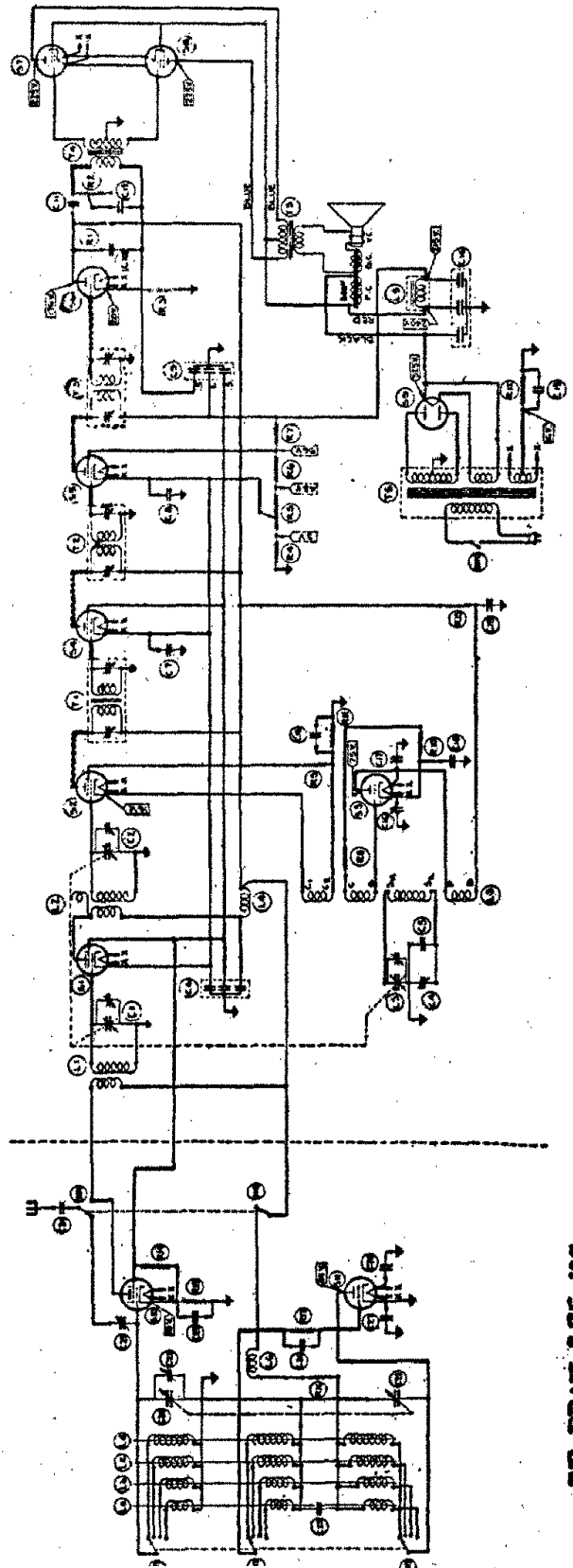
Code	Description	Piece Part No
Model 726 (S.W. & Broadcast)		
L1 - 167-S Coil		
L2 - 188-S Coil		
L3 - 175-S Coil		
L4 - 281 R.F. Choke		
L5 - 10145 Choke		
L6 - 277 R.F. Choke		
La - S.W. Coil 10-20 Meters		
Lb - S.W. Coil 20-40 "		
Lc - S.W. Coil 40-80 "		
Ld - S.W. Coil 80-200 "		
T1 - 1st I.F. Transformer B-1		
T2 - 2nd I.F. Transformer B-2		
T3 - 3rd I.F. Transformer B-3		
T4 - A-270 Input Transformer		
T5 - 10143 Output Transformer		
T6 - 10173-S Power Transformer		
C1-C2-C3 - 407 Mmfd. Max. (3-gang variable)		13124
C4 - Variable 250-600 Mmfd.		18035
C5 - 750 Mmfd. $\pm 10\%$ (Mica)		
C6 - Triple 0.1 Mfd.		3316
C7 - .1 Mfd.		3220
C8 - .1 Mfd.		3220
C9 - .5, .5, 1.0 Mfd.		13140
C10 - .001 Mfd. (Mica)		7039
C11 - 0.15 Mfd.		13145
C12 - .025 Mfd.		3333
C13 - .1 Mfd.		3220
C14 - Three 4 Mfd. units (dry Electrolytic) Potter		13120
C15 - .1 Mfd.		3220
C16 - .006 Mfd.		3114
C17 - .006 Mfd.		3144
C18 - .1 Mfd.		3220
C19 - .1 Mfd.		3220
C20-C21 - 140 Mmfd. (2-gang variable)		13161
C22 - 80 Mmfd. (variable)		13162
C23 - Compensating Cond.		13182
C24 - .006 Mfd.		3144
C25 - .006 Mfd.		3144
C26 - .001 Mfd. (Mica)		7039
C27 - .006 Mfd.		3144
C28 - .006 Mfd.		3144
R1 - 30,000 ohms 1 watt		14693
R2 - 1/2 megohm tapered variable resistor		14368
R3 - 60,000 ohms 1 watt		4698
R4 - 100 ohms wire wound		4743
R5 - 4,500 ohms volume control (tapered)		14367
R6 - 13,500 ohms 1 watt		14694
R7 - 15,000 ohms 2 watt		14690
R8 - 400 ohms wire wound		4701
R9 - 60,000 ohms 1 watt		4698
R10 - 100 ohms wire wound		4743
R11 - 10,000 ohms 1 watt		14696
R12 - 220 ohms 2 watt		14692
R13 - 10,000 ohms 2 watt		4726
R14 - 60,000 ohms 1 watt		4698
R15 - 6,500 ohms 1 watt		14683
R16 - 10,000 ohms 2 watt		4726
R17 - 10,000 ohms 1 watt		14696
SW1-SW2-SW3 - S.W. Change-over switch		15115
SW4-SW5 - S.W.-BROADCAST SWITCH		15116
SW6 - ON-OFF SWITCH (Combination with Pot.)		
S2-S10 - '24 Tubes		
S3-S6-S11 - '27 "		
S7-S8 - '47 "		
S1-S4-S5 - '51 "		
S9 - '80 "		

VOLTAGES WITH VOLUME CONTROL AT MAXIMUM

Tube Number	Type of Tube	"A" Volts	"B" Volts	Screen Volts	"C" Volts	Normal Plate Current Mils
S.W. Det.	(S10)	'24	2.2	216	96	18 .08
S.W. Osc.	(S11)	'27	2.25	80	...	0 8.
R.F.	(S1)	'51	2.25	216	96	3 6.
1st Det.	(S2)	'24	2.35	216	96	16 .1
Osc.	(S3)	'27	2.35	75	...	1.1 10.
1st I.F.	(S4)	'51	2.3	216	96	3 6.
2nd I.F.	(S5)	'51	2.35	216	96	3 6.
2nd Det.	(S6)	'27	2.35	178	...	20 .1
Audio (right)	(S7)	'47	2.4	224	240	16 32.
Audio (left)	(S8)	'47	2.4	220	240	16 32.
Rectifier	(S9)	'80	5.1

As a broadcast receiver, the 726SW tunes from below 200 to above 550 meters and as a short wave receiver tunes from just under 10 meters to 200 meters without plug in coils.

As a short wave broadcast receiver, the circuit is as follows. By throwing a switch, the antenna is fed into the short wave detector circuit using a '24 type tube. A short wave oscillator of special design using a '27 tube, operating 650 kc. away from the short wave detector heterodynes the incoming signal to the frequency to which the r.f. stage of the broadcast receiver is tuned, the broadcast tuning dial being set on a clear channel at approximately 650 kc. for best results. As a short wave super, there are therefore three detectors and two oscillators, giving so-called double "suping"



Model 726 S.W. and Broadcast Superhet.

IF PEAK 175 KC