



SENSITIVITY...3 microvolts at 1 watt output  
POWER OUTPUT...4.5 watts measured at  
the voice coil  
SPEAKER.....7" Firewall mounting

CURRENT CONSUMPTION...7.3 amp  
INSTANTANEOUS CURRENT CON-  
SUMPTION DURING AUTOMATIC  
CHANGE CYCLE.....16.0 amp

SCHEMATIC DIAGRAM AND PARTS  
LIST FOR 1942 WILLYS  
AMERICAN RECEIVER

CONDENSERS		RESISTORS	
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
1	22-1076 100MFD. 250MMF.	1	5-10064 ANTENNA COIL
2	22-1249 ANT. TRIMMER PLATE 250MMF.	2	5-10064 RF GRID COIL
3	22-1244 0.004 MFD. 10% MICA	3	5-10063 UNTUNED RF TRANSFORMER
4	22-1236 RF TRIM 3 PLATE 50MMF.	4	5-10063 OSC SHUNT COIL
5	22-190 1MFD. 50-10% 200V	5	5-10063 OSC SERIES COIL
6	22-170 1MFD. 50-10% 400V	6	5-10063 OSC TUNING COIL
7	22-162 100MMF. 50-20% MICA	7	5-10063 1 IF TRANSFORMER
8	22-1235 OSC TRIM 2 PLATE 50MMF.	8	95-820 DIODE TRANSFORMER
9	22-152 100MMF. 50-20% MICA	9	95-837 OUTPUT TRANSFORMER
10	22-152 100MMF. 50-20% MICA	10	52-246 SPEAKER CABLE & SOCKET
11	22-908 0.05MFD. 20-10% 200V	11	49-477 VIBRATOR POWER TRANSFORMER
12	22-192 250MMF. 50-10% MICA	12	95-833 VIBRATOR
13	22-170 1MFD. 50-10% 400V	13	100-19 HASA CHOKE
14	22-170 1MFD. 50-10% 400V	14	100-213 HASA CHOKE
15	22-170 1MFD. 50-10% 400V	15	100-213 HASA CHOKE
16	22-170 1MFD. 50-10% 400V	16	100-213 HASA CHOKE
17	22-1233 10MFD. 250MMF.	17	100-213 HASA CHOKE
18	22-1233 10MFD. 250MMF.	18	100-213 HASA CHOKE
19	22-1233 10MFD. 250MMF.	19	100-213 HASA CHOKE
20	22-1233 10MFD. 250MMF.	20	100-213 HASA CHOKE
21	22-1233 10MFD. 250MMF.	21	100-213 HASA CHOKE
22	22-1233 10MFD. 250MMF.	22	100-213 HASA CHOKE
23	22-1233 10MFD. 250MMF.	23	100-213 HASA CHOKE

MISCELLANEOUS	
PART NO.	DESCRIPTION
1	5-10064 ANTENNA COIL
2	5-10064 RF GRID COIL
3	5-10063 UNTUNED RF TRANSFORMER
4	5-10063 OSC SHUNT COIL
5	5-10063 OSC SERIES COIL
6	5-10063 OSC TUNING COIL
7	5-10063 1 IF TRANSFORMER
8	95-820 DIODE TRANSFORMER
9	95-837 OUTPUT TRANSFORMER
10	52-246 SPEAKER CABLE & SOCKET
11	49-477 VIBRATOR POWER TRANSFORMER
12	95-833 VIBRATOR
13	100-19 HASA CHOKE
14	100-213 HASA CHOKE
15	100-213 HASA CHOKE
16	100-213 HASA CHOKE
17	100-213 HASA CHOKE
18	100-213 HASA CHOKE
19	100-213 HASA CHOKE
20	100-213 HASA CHOKE
21	100-213 HASA CHOKE
22	100-213 HASA CHOKE
23	100-213 HASA CHOKE