

MODELS E-6B & E-6CB

Six-Tube, Two-Band, Superheterodyne, Battery Receivers

These instruments are similar to the Models A-6B and A-6CB, except for several circuit modifications. The major differences include: A more efficient oscillator circuit; The redesign of the 1st and 2nd I.F. transformers so as to obtain better fidelity of reproduction; The insertion of a filter in the 2nd I.F. plate circuit to reduce regeneration; The reduction of the screen grid voltages on the R.F. section of the circuit so as to increase sensitivity, and to obtain better A.V.C. action; The addition of a tone control and pilot light; The reduction of "B" battery current drain, and the adaption of the battery cables for use with the new type plug-in batteries.

Refer to the Service Notes for the Models A-6B and A-6CB to obtain the electrical specifications, description of electric circuit, and service data.

It is very important that only the special .060 ampere pilot lamp be used; otherwise, the "A" battery current drain will be excessive.

REPLACEMENT PARTS

STOCK NO.	DESCRIPTION	STOCK NO.	DESCRIPTION
RECEIVER ASSEMBLIES			
4427	Bracket - Volume control - tone control and operating switch mounting bracket.	S-1576	Transformer - Audio transformer pack comprising driver and output transformer (L-16,L-17,L-18,L-19).....
4244	Cap - Grid contact cap - Package of 2..	4431	Transformer - First intermediate frequency transformer (L-10,L-11, C-14,C-15).....
S-1360	Capacitor - Adjustable capacitor (C-10)	7840	Transformer - Second intermediate frequency transformer (L-12,L-13, C-17,C-18).....
11623	Capacitor - 175 Mmfd. (C-7).....	S-1579	Transformer - Third intermediate frequency transformer (L-14,L-15)....
S-1590	Capacitor - 300 Mmfd. (C-20).....	DRIVE ASSEMBLIES	
4811	Capacitor - 340 Mmfd. (C-30).....	11396	Pointer - Station Selector Pointer Assembly - Table & Console Models....
S-1636	Capacitor - 600 Mmfd. (C-24).....	S-1645	Dial - Station Selector Dial - Table & Console Models.....
S-1589	Capacitor - 3000 Mmfd.(C-13).....	S-1646	Reflector - Station Selector Reflector Assembly - Table & Console Models.....
S-1641	Capacitor - 2650 Mmfd.(C-12).....	REPRODUCER ASSEMBLIES	
5107	Capacitor - .0025 Mfd.(C-27,C-28,C-29).	Table Model	
4858	Capacitor - .01 Mfd. (C-25).....	9539	Cone - Reproducer cone (L-20).....
5196	Capacitor - .035 Mfd. (C-26).....	9540	Magnet - Assembly comprising cone bracket, core and magnet.....
4518	Capacitor - .05 Mfd. (C-21).....	9538	Reproducer complete.....
4836	Capacitor - .05 Mfd. (C-19,C-16,C-4, C-32).....	REPRODUCER ASSEMBLIES	
4791	Capacitor - .10 Mfd. (C-23).....	Console Model	
S-1592	Capacitor - .25 Mfd. (C-6,C-22).....	S-1446	Cone - Reproducer cone (L-20).....
S-1582	Capacitor - 8 Mfd. (C-31).....	7820	Magnet Assembly - Comprising cone bracket, core magnet and terminal board.....
5087	Coil - Antenna coil (L-2,L-3,L-4,L-5, C-2,C-3).....	7819	Reproducer complete.....
5089	Coil - Oscillator (L-6,L-7,L-8,L-9, C-9,C-11).....	MISCELLANEOUS ASSEMBLIES	
S-1644	Condenser - Two-Gange Variable Tuning Condenser - (C-5,C-8).....	11376	Bezel - Station Selector Bezel Assembly - Table & Console Models....
S-1560	Coil and shield assembly - Antenna trap circuit (L-1,C-1).....	S-1642	Cable - Main Battery Cable - Complete with Fuse, Battery Connector, Fuse Connector, and Flexible Resistor (Table Model).....
4519	Volume control (R-8).....	S-1643	Cable - Main Battery Cable - Complete with Fuse, Battery Connector, Fuse Connector, and Flexible Resistor (Console Model).....
4536	Tone control - (R-13).....	S-1596	Knob - On and Off Switch Knob.....
4730	Resistor - 1000 Ohms - Carbon type - 1/4 Watt (R-3).....	11610	Knob - Station Selector Knob (Two sections).....
S-1638	Resistor - 1000 Ohms - Carbon Type - 1/4 Watt - (R-14).....	S-1559	Knob - Band Switch Knob.....
11305	Resistor - 22000 Ohms - Carbon Type 1/4 Watt - (R-10).....	4449	Knob - Tone & Volume Control Knob.....
5029	Resistor - 56,000 Ohms - Carbon Type - 1/4 Watt - (R-2, R-7).....	6516	Connector - Fuse Connector.....
5145	Resistor - 100,000 Ohms - Carbon Type - 1/4 Watt - (R-1, R-4).....	3748	Fuse - 1/2 Ampere - Package of 2.....
S-1593	Resistor - 390,000 Ohms - Carbon Type - 1/4 Watt (R-11).....	S-1595	Resistor - .40 Ohms - Flexible Type-Filament Series Resistor.....
S-1594	Resistor - 680,000 Ohms - Carbon Type - 1/4 Watt - (R-12).....		
11626	Resistor - 2.2 Megohms - Carbon Type - 1/4 Watt (R-5, R-9, R-6).....		
7800	Shield - Antenna, Oscillator and intermediate frequency coil shield....		
S-1140	Shield - First detector, oscillator and second detector radiotron shield..		
3056	Shield - First and second intermediate frequency radiotron shield.....		
11199	Socket - Dial Lamp Socket and Bracket..		
4785	Socket - Six contact radiotron socket..		
4794	Socket - Four contact radiotron socket..		
S-1561	Switch - Range switch (S-1,S-2,S-3, S-4).....		
S-1581	Switch - Operating and tone control switch (S-5,S-6,S-7).....		

