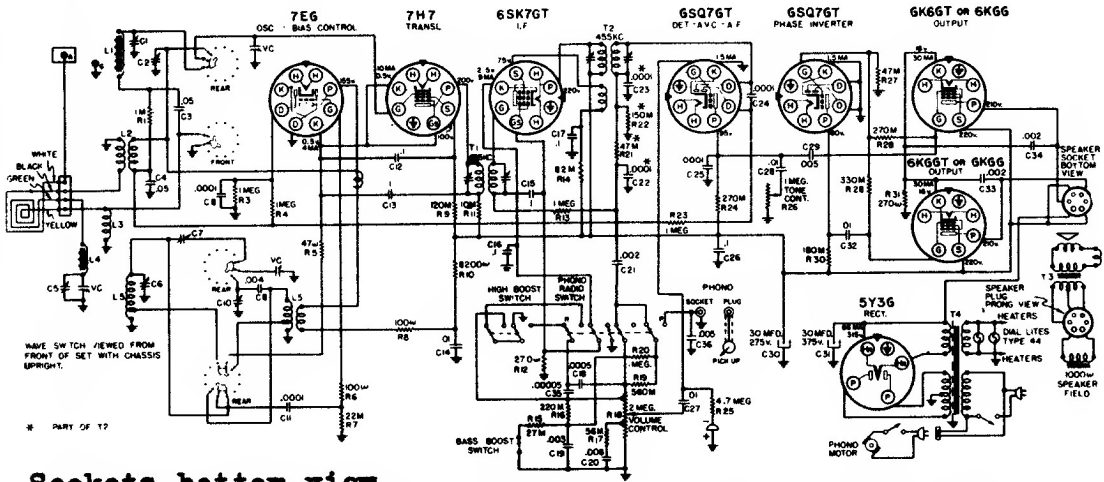


SEARS, ROEBUCK AND CO. Chassis 101.662-2B, and -2D



Sockets bottom view.
Voltage readings socket prongs to chassis, wave switch in "Broadcast," no signal, line 117 volts A.C.

PARTS LIST FOR CHASSIS

SCHEMATIC LOCATION	PART NUMBER	DESCRIPTION	SCHEMATIC LOCATION	PART NUMBER	DESCRIPTION
	R17990	Board - Antenna		R59053	Log - BC. & S.W. Stations
	R45512	Board - Terminal - Loop		R57216	Loop - Complete
	R57285	Buttons - Push (High Boost, Bass Boost, Phono-Tel.-Freq. Mod.) (Cat. #6104A)		R18112	Mounting - Bias Cell
	R57205	Buttons - Push (High Boost, Bass Boost, Phono-Tel.-Freq. Mod.) (Cat. #6105A)		R57192	Needle - Phono
	R57284	Buttons - Push Stations (Cat. #6104A)		R16039	Pir - Loop Lead
	R57204	Buttons - Push Stations (Cat. #6105A)		R57207	Pointer - Dial
	R45829	Capacitor - Elec. 30 mfd. 275 V; 30 mfd. 375 V.		R18477	Pulley - Wood, large
	R47199	Capacitor - Trimmer - 6 Gang		R43416	Pulley - Wood, small
	R47199	Capacitor - Trimmer - 6 Gang		R3, R4, R13	Resistor - 1 megohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R20, R23	Resistor - 4.7 megohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R25	Resistor - 1M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R1	Resistor - 10M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R7	Resistor - 22M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R15	Resistor - 27M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R21, R27	Resistor - 47M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R17	Resistor - 56M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R14	Resistor - 82M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R9	Resistor - 120M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R30	Resistor - 180M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R16, R24	Resistor - 220M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R26, R24	Resistor - 270M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R28	Resistor - 330M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R19	Resistor - 560M ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R5	Resistor - 47 ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R6, R8	Resistor - 100 ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R12	Resistor - 270 ohm, 1/3 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R31	Resistor - 270 ohm, 2 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R10	Resistor - 8200 ohm, 1 Watt
	R47199	Capacitor - Trimmer - 6 Gang		R47262	Shaft - Drive
	R47199	Capacitor - Trimmer - 6 Gang		R44897	Socket - Phono-Tel.-Freq. Mod.
	R47199	Capacitor - Trimmer - 6 Gang		R16958	Socket - Rectifier
	R47199	Capacitor - Trimmer - 6 Gang		R17983	Socket - Speaker
	R47199	Capacitor - Trimmer - 6 Gang		R17987	Socket - Tube
	R47199	Capacitor - Trimmer - 6 Gang		R57221	Speaker - 10" Dynamic
	R47199	Capacitor - Trimmer - 6 Gang		R45836	Cans and Voice Coil
	R47199	Capacitor - Trimmer - 6 Gang		R45838	Field Coil
	R47199	Capacitor - Trimmer - 6 Gang		R45837	Output Transformer
	R47199	Capacitor - Trimmer - 6 Gang		R18251	Spring - Drive Tension
	R47199	Capacitor - Trimmer - 6 Gang		R45844	Switch - Tone and Phono-Tel.-Freq. Mod.
	R47199	Capacitor - Trimmer - 6 Gang		R47191	Switch - Wave
	R47199	Capacitor - Trimmer - 6 Gang		R45995	Tab - Bass Boost
	R47199	Capacitor - Trimmer - 6 Gang		R45994	Tab - High Boost
	R47199	Capacitor - Trimmer - 6 Gang		R45996	Tab - Phono-Tel.-Freq. Mod.
	R47199	Capacitor - Trimmer - 6 Gang		R42879	Tabs - Call Letter
	R47199	Capacitor - Trimmer - 6 Gang		R45305	Transformer - #1 I.F.
	R47199	Capacitor - Trimmer - 6 Gang		R45306	Transformer - #2 I.F.
	R47199	Capacitor - Trimmer - 6 Gang		R45953	Transformer - Power - 60 cycle
	R47199	Capacitor - Trimmer - 6 Gang		R47259	Tuner - Push Button with Variable Capacitor
	R47199	Capacitor - Trimmer - 6 Gang			

WHEN ORDERING SPEAKER PARTS, ALWAYS GIVE THE PART NUMBER APPEARING ON THE SPEAKER.

Alignment for Sears, Roebuck & Co. Chassis 101.662-2B, and -2D

PRELIMINARY:

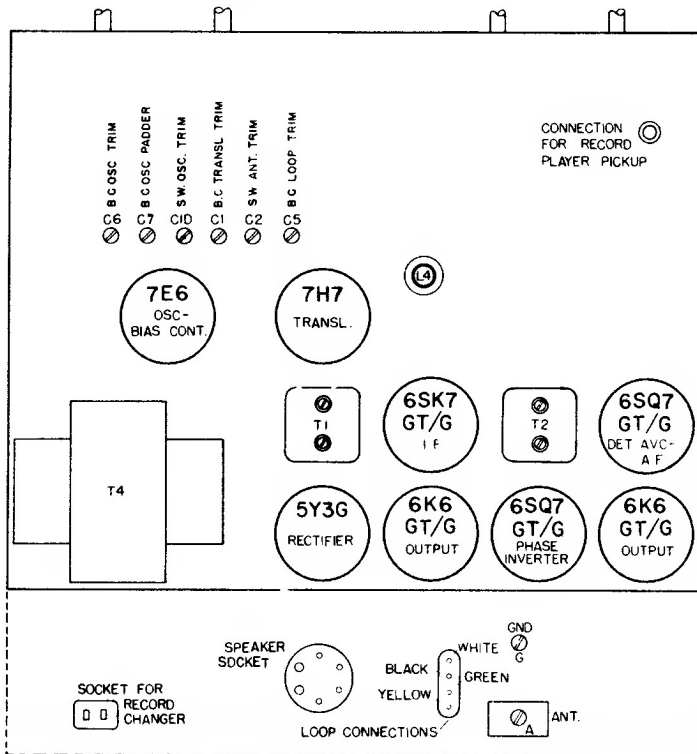
Output Meter Connection.....Across loud speaker voice coil
 Generator ground lead connection.....Receiver chassis
 Dummy Antenna value to be in series with generator output.....See chart below
 Connection of generator output lead.....See chart below
 Generator Modulation.....30%, 400 cycles
 Position of Volume Control.....Fully on
 Position of Tone Control.....Treble
 Position of pointer with tuner fully closed.....Last line below 540 calibration mark

WAVE BAND SWITCH POSITION	POSITION OF TUNER	GENERATOR FREQUENCY	DUMMY ANTENNA	GENERATOR CONNECTION	TRIMMER ADJUSTMENTS (IN ORDER SHOWN)	TRIMMER FUNCTION
BC	Closed	455 KC	.1 mfd.	7H7 Transl. grid	T2, T1	IF
BC	Open	1750 KC	.0002 mfd.	Ant. Terminal	C6	Oscillator
BC	1410	1410 KC	.0002 mfd.	Ant. Terminal	C5, C1	Ant. Transl.
BC	600 (rock)	600 KC	.0002 mfd.	Ant. Terminal	C7	Padder
SW	Open	18.3 MC	400 ohms	Ant. Terminal	C10	SW Oscillator
SW	15 (rock)	15 MC	400 ohms	Ant. Terminal	C2	Transl.

The Antenna Alignment Procedure should be repeated step by step in the original order for greatest accuracy.

Always keep the output power from the generator at its lowest possible value to prevent the AVC of the receiver from interfering with accurate alignment.

During alignment of the Band "BC" Padder and the Band "SW" Translator Trimmers, the Tuner should be rocked through resonance to assure alignment.



LOCATION OF PARTS ON TOP OF CHASSIS 101 662-2B,2D,