

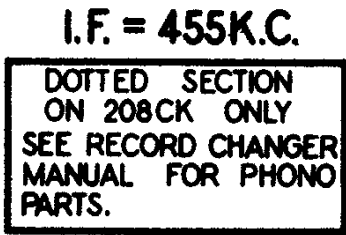
Modèles 208B & 208C,
208BK & 208CK

Diagram Number	Part Number	Description
47-48	119664	Condenser push button trimmer (High Freq.)
49 to 52	119753	Condenser push button trimmer (Low Freq.)
53 to 55	119817	Condenser .004 mfd. 600 volt.
56A-56B	119859	Switch band
57	119875	Condenser .002 mfd. 600 volt.
59	119934	Condenser—padder
59A to 59C	180415	Condenser trimmer—3 section
60	180449	Condenser trimmer for loop
61	500116	Transformer power (60 cycles)
62	500255	Coil—B. C. antenna loading
63	500801	Transformer 1st I.F.
64A to 64C	501060	Condenser electrolytic A 20 mfd. 400 volt B 15 mfd. 400 volt C 20 mfd. 25 volt
65	501159	Coil—short wave antenna
66	501160	Coil—oscillator (B.C. & S.W.)
67A-97B	501180	Switch—tone
68	M-501245	Speaker dynamic 12"
69	501293	Loop Antenna
70	M-501304	Transformer—output for M-501245 Spkr.
71	M-501305	Cone & Voice Coil for M-501245 Spkr.
72	118925	Condenser .1 mfd.
73	110585	Resistor carbon 22,000 ohms 1/4 watt.
74	110589	Resistor carbon 10,000 ohms 1/4 watt.

RADIO-PHONO SWITCH IN RADIO POSITION
VOLUME CONTROL ON FULL—NO SIGNAL INPUT

DIAL SET TO APPROXIMATELY 340 MC

ALL DC POTENTIALS MEASURED FROM SOCKET TERMINALS TO CHASSIS

VOLTAGE ACROSS SPEAKER FIELD—88 VOLTS

LINE VOLTAGE—117 VOLTS

BOTTOM VIEW OF CHASSIS.

6F6G OUTPUT

6J5GT OSC

6SQ7 INVERTER 2nd-DET.

5Y3G RECTIFIER

6F6G OUTPUT

6SQ7 1st-A.F.

6SK7 1F

7H7 1st-DET

REAR OF CHASSIS

Use a high resistance voltmeter of 1000 ohms per volt.

SERVICE DATA for 208B & 208C CHASSIS

ALIGNMENT EQUIPMENT & PROCEDURE

1. Connect the output meter across the voice coil or from the plate of one 6F6G output tube to chassis through a .1 mfd. condenser.
2. Connect the ground lead of the signal generator to the receiver chassis.
3. Check the pointer to see that it is correctly set to the low freq. end of the dial scale with gang in full mesh.
4. Push in the "manual" button and keep it pushed in.
5. Turn the volume control to the maximum volume position, and the tone control to the "Radio-Speech" position.
6. FOLLOW THE ORDER OF ALIGNMENT INDICATED BELOW.

Dummy Ant. in Series with Sig. Gen.	Connection of Sig. Generator Output to Receiver	Signal Generator Frequency	Band Switch Position	Receiver Dial Setting	Trimmer Number	Trimmer Description	Type of Adjustment
.1 MFD Condenser	Lug on Rear Section of Gang Cond.	455 KC	Broadcast	Any Point Where It Does Not Affect the Signal	1-2	2nd I.F.	Adjust for Maximum Output. Then repeat Adjustment.
					3-4	1st I.F.	
400 OHM Carbon Resistor	Blue Lead from Chassis	16 MC	Foreign	16 MC	5	Foreign Oscillator	Adjust for Maximum Output. Check to see if Proper Peak was Obtained by Tuning in Image at Approx. 15.1 MC. If Image does not appear, Realign at 16 MC, with Trimmer Screw farther out. Recheck Image.
400 OHM Carbon Resistor	Blue Lead from Chassis	16 MC	Foreign	Tune to 16 MC Generator Signal	6	Foreign Antenna	Adjust for Maximum Output. Try to Increase Output by Detuning Trimmer and Retuning Receiver Dial until Maximum Output is Obtained.
No Connection	Place Lead from Signal Gen. Near Loop	1500 KC	Broadcast	1500 KC	7	Broadcast Oscillator (Shunt)	Adjust for Maximum Output.

NOW PLACE THE CHASSIS AND LOOP ANTENNA INTO POSITION IN THE CABINET.

No Connection	Place Lead from Signal Gen. Near Loop	1500 KC	Broadcast	Tune to 1500 KC Generator Signal	8	Broadcast Antenna	Adjust for Maximum Output.
No Connection	Place Lead from Signal Gen. Near Loop	600 KC	Broadcast	Tune to 600 KC Generator Signal	9	Broadcast Oscillator (Series)	Adjust for Maximum Output. Try to Increase Output by Detuning Trimmer and Retuning Receiver Dial until Maximum Output is Obtained.

MISCELLANEOUS PARTS

Part Number	Description
501192	Cable—motor (with receptacle).....
117493	Cable—pickup
114355	Clamp—for dial cord.....
112745	Clip—coil mounting
117057	Cord—drive (specify 6 ft. lengths).....
501199	Dial Scale
113402	Drum—dial cord drive.....
169182	Escutcheon—dial with glass.....
160634	Escutcheon—push button (complete).....
88348	Eyelet—for pointer cord.....
160219	Knob
12349	Nut—8-32 for mounting.....
116952	Pin for push buttons.....
119451	Pointer
160185	Push button
81145	Retaining ring for tuning shaft.....
113463	Rubber Bushing—chassis mounting.....
118606	Shait—tuning
112874	Screw—No. 10 x 1 1/8 chassis mounting.....
114314	Screw—special head for mounting escutcheon.....
85827	Set Screw—8-32 Sq. Hd. for drive drum.....
119791	Socket—octal
114378	Socket—octal, with special ground.....
114876	Socket—octal (rectifier).....
160294	Socket for 7H7 8 prong.....
500051	Socket for loop antenna.....

