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C18 C18 C16	6 6	C17,C20 C10,C11, C12	C3,C14 C3,C14 C8,C9	C,C4,C7 C1 C2
C-8F3-6 C-8D-10778 C-8D-10942	11995 C-8D-10770 C-8D-10788	11994 or	C-8D-10774 C-8D-10760 C-8D-10775	B-8A-10211 C-8D-10761 C-8F3-114
47 mmf, 500 volts, 20%, mica 002 mf, 600 volts, +40%,—15% 2 mf, 400 volts, +30%,—10%	Electrolytic for 25 cycles; 60 mt, 40 mf, 40 mf x 150 volts .05 mf, 200 volts, 20% .004 mf, 600 volts, 20%	6	.02 mf, 400 volts, 20% .1 mf, 400 volts, +20%—10% .25 mf, 200 volts, +20%—10%	Two-gang, including antenna and oscillator trimmers 01 mf, 400 volts, 20%, mica

RESISTORS*

	33 ohms, 1 watt, 10%	C-9B2-44	R18
	4.7 megohms, 1/2 watt, 20%	C-9B1-35	R17
	47,000 ohms, 1/2 watt, 20%	C-9B1-23	R16
	on-off switch		
and	Volume control (1 megohm)	101193	R15,S1
e.	220,000 ohms, 1/2 watt, 20%	C-9B1-27	R14
	470,000 ohms, 1/2 watt, 20%	C-9B1-29	R13
	3.3 megohms, 1/2 watt, 20%	C-9B1-34	R11
	150 ohms, 1/2 watt, 10%	C-9B1-52	10,R12
	1200 ohms, 1 watt, 10%	C-9B2-63	R9
	220 ohms, 1 watt, 10%	C-9B2-54	R8
	22 ohms, 1/2 watt, 10%	C-9B1-42	R7
	47,000 ohms, 1/2 watt, 10%	C-9B1-82	R6
	100,000 ohms, 1/2 watt, 20%	C-9B1-25	R5
	4700 ohms, 1/2 watt, 10%	C-9B1-70	R4
	100 ohms, 1/2 watt, 10%	C-9B1-50	R2
	150,000 ohms, 1/2 watt, 20%	C-9B1-26	R1,R3

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COILS AND TRANSFORMERS

T6	T5	T4		T1,T2
10595B	108145C	A-13D-10215 108140G	or B-212-11404	B-212-11062
Output transformer	Output I.F. coil complete in can.	Oscillator coil Input I.F. coil complete in can	capacitors C1 and C2, coil T2, and cardboard back.	112-11062 Loop antenna assembly, including

TUNER MECHANICAL PARTS

112659 B-2M-10383	or B-6D-10241-1	B-6D-10241	120143	A-53A-10989	112785	120283	115361	A-49A-11087	A-3N-11086	131181	117604	117602	117528	115143	115146
Crystal for dial scale Snap-in rivets (4) for crystal	Dial scale	Dial scale	Tension spring for drive cord	Drive cord (6 inches)	Pointer	Return spring for lever	Cam lever with roller	Spring on shaft for drive cord	Spacer on shaft for drive cord	Spring washer for collar	Locking collar	Spacer (4 used on shaft)	Spacer (1 used on shaft)	Key washers (12 used)	Cams (6 used on cam shaft)

MISCELLANEOUS

		P1	77
131193 112784 112606	A-2H-11271 A-2H-10715 128334B-9 A-5B-11249-8 B-5B-10994-9 120388 A-3F-10995 128292B-8 134123	10798D 107249 107271	114191B 121171
Snap-in rivets (4) for mounting back Station call letters, 1 set Accetate tabs for call letters	Tube shield for bakelite-base 12SA7GT Tube shield for metal-base 12SA7GT Cabinet, ivory Knob, volume, ivory Knob, tuning, ivory Locking spring for tuning knob Locking screw in tuning knob Pushbutton, ivory Rubber bumper for bottom of	Line cord and plug Dial lamp, 6-8 volts, T-47 Socket assembly for dial lamp	Speaker, 5-inch, P.M. Socket for tube (6 used)

NOTE ON TUBE REPLACEMENT

Replace a defective metal 125K7 tube with another metal tube. Replace a glass 125K7 tube with a metal tube or with an exact duplicate of the tube now in

*The values of the resistors and mica capacitors listed above are based on RMA standards. Due to conditions beyond our control; some receivers have been shipped with components of pre-standardized values. This receiver will operate equally well with components of either group. An illustration of the differences follows:

Pre-standardized value—200,000 ohms, 20%, 1/3 RMA value—220,000 ohms, 20%, 1/2 Pre-standardized value—50 mmf, 500 volts, 20% RMA value—47 mmf, 500 volts, 20%

ALIGNMENT PROCEDURE

(Refer to Chassis View for location of trimmers)

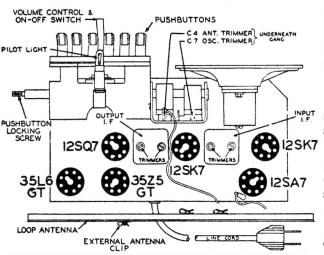
- Output meter across 3.2-ohm output load.
- Align for maximum output. Reduce input as needed to keep output near 0.4 volts.
- Volume control at maximum for all adjustments.
- Connect ground post of signal generator to B- of radio.

Chassis must be removed from cabinet for proper alignment. Slight adjustments of the oscillator and antenna circuits can be made, without removing the chassis, through two holes provided on the bottom of the cabinet. The screws can be reached with a long screwdriver.

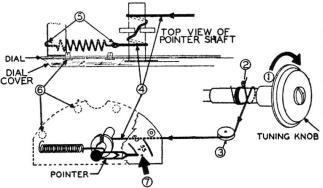
	SIGNAL GENE	TUNER	ADJUST FOR		
Frequency	Dummy Antenna	Connection to Radio	SETTING	MAXIMUM OUTPUT (in order shown)	
455 kc	.1 mf	Grid (pin 8) of 12SA7	Plates out of mesh	Trimmers on output and input I.F. cans	
1650 kc	.1 mf	Grid (pin 8) of 12SA7	Plates out of mesh	Oscillator trimmer C7 on bottom of gang	
1400 kc	200 mmf	See note below	Set dial at 1400 kc	Antenna trimmer C4 on bottom of gang	

Note: Lay output lead of generator in back of loop

enna. Turn up generator output. Loop will pick up energy.



Chassis View



SETTING THE PUSHBUTTONS—The pushbuttons may be used, after proper adjustment, for the automatic tuning of any six stations on the standard broadcast band. They can be set up in any order.

- 1. Turn on the radio.
- 2. Push out the call letters of the six stations from the call-letter sheets supplied with this manual.
- 3. Insert one call-letter tab in the rectangular opening in the front of each pushbutton, in any order. Press an acetate tab (supplied in small envelope) into each of the pushbuttons.
- 4. With the screwdriver supplied, check to see that the locking screw in the center of the tuning knob (see front view) is loose. If it is not, turn it several turns to the left (counterclockwise).
- 5. Press the first pushbutton down all the way. With one hand hold the button down firmly and with the other carefully tune in the button.
- 6. Follow this procedure for each of the five other buttons, setting each one for a different station

knob. IT IS IMPORTANT THAT THIS SCREW BE TIGHTENED VERY FIRMLY.

8. The pushbuttons are now properly set for automatic tuning. Any of the zix stations may be tuned in simply by pressing the proper button down as far as it will go. If you wish to reset any of the buttons for a new station, loosen the locking screw, set the pushbutton as described above, and re-tighten the locking screw.

DIAL LIGHT—If the dial lamp burns out the set should not be operated until a new lamp has been installed. Failure to heed this caution may result in a burned-out 35Z5GT tube. To replace the lamp, first .remove the four buttons which hold the back to the cabinet. On the inside of the back unclip the green, black, and white wires clipped to the back. The Chassis View illustration shows desired station. Release the push the location of the dial lamp. Pull the lamp bracket toward the rear of the radio. The lamp can now be removed and replaced. Use a 6to 8-volt lamp, type T-47. When replacing the back on the cabinet, 7. Rotate the tuning knob on connect the green wire to the greenthe side of the cabinet as far to the painted clip, the black wire to the right as it will go. Tighten the black-painted clip, and the white locking screw in the center of the wire to the unpainted clip.

Belmont 6D120 Series A Drive Cord

REPLACING DIAL POINTER DRIVE CORD

Six inches of cord are required. Numbers below correspond to circled numbers in diagram.

- 1. Rotate tuning knob to extreme clockwise position.
- 2. Tie cord to loop in spring as shown.
- 3. Pass cord over idler pulley.
- 4. Pass cord OVER pointer shaft; wind it one turn around shaft; pass it through key washer, then once more around shaft.
- 5. Hook spring over end of dial support. Tie cord to spring. IMPORTANT: Full contraction of spring must rotate pointer shaft at least one half turn.
 - 6. Remove dial crystal by removing snap-in rivets.
- 7. Make sure tuning knob is in extreme clockwise position. Then rotate pointer clockwise, against friction of shaft, until it is in a horizontal position, as shown.

