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MODEL 5G003ZZ CHASSIS No. 5C40ZZ

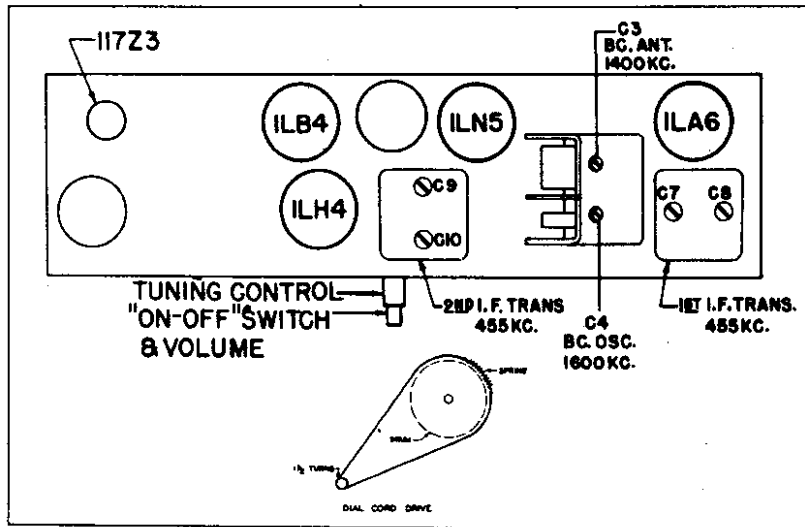
MODELS 5G003, 5G003Z
MODEL 5G003ZZ

ZENITH RADIO CORP.

TO THE SERVICEMAN:

The alignment of chassis 5C40 is conventional and the most accurate alignment will be accomplished if the procedure is followed exactly. The IF frequency is 455 KC and all measurements, voltage, and resistance have been taken with an electronic voltohmmeter.

Stage by stage gain measurements are for reference purposes only. Gain measurements can seldom be duplicated, and are used only for comparison purposes.



TUBE TRIMMER LOCATION AND DIAL CABLE DRAWING

ALIGNMENT PROCEDURE

OPERATION	CONNECT OSC. TO	DUMMY ANT.	INPUT SIG. FREQUENCY	SET DIAL AT	TRIMMERS	PURPOSE
1	Converter Grid	.5 Mfd.	455	600	C7, C8, C9 C10	I.F. Alignment
2	Single Turn Loop	--	1600	1600	C4	Set Osc. to scale
3	Coupled Loosely to Wavemagnet	--	1400	1400	C3	Alignment of Antenna

PARTS LIST

PART NO.	REF. NO.	DESCRIPTION	PRICE	PART NO.	REF. NO.	DESCRIPTION	PRICE
DIAL ASSEMBLY							
26-366		Dial Scale	.12	63-1097	R9	870 Ohm W. W. Insul.	.24
46-530		Volume Control Knob (Small)	.17	63-1099	R14	33 Ohm W. W. Insul.	1/2 Watt. .21
46-587		Tuning Control Knob (Large)	.11	63-1363	R11-R12	Two Section Caddock (63-1132)	.60
57-1120		Excutcheon Plate	1.00	63-1366	R10	Zipoha	.24
57-1187		Dial Plate	.60	63-1549	R6	Vol. Control & Switch D P S T.	1.81
58-164		Dial Pointer	.19	MISCELLANEOUS			
76-488		Tuning Control Shaft	.28	11-70		A. C. Line Cord & Plug (Alt 11-90)	.60
80-365		Tuning Shaft Tension Spring (63-1459)	.03	12-1322		Reinforcing Brkt. (2 used Handle)	.15
80-508		Dial Cord Tension Spring	.04	14-903		Polystyrene Cabinet Front Lens Accessories (Use S-13209)	
125-17		Rubber Grommets (22-1450)	.03	45-51		Battery Socket Cap	.09
147-148		Dial Plate Spacer	.02	24-371		Cabinet Rear Cover Lens Accessories (Use S-11999)	
159-50		Plug Button (26-366-192-99)	.01	40-28		Cabinet Hinge	.20
189-53		Tuning Shaft Retainer Ring	.01	43-111		Handle End Pieces (Die Cast)	.65
192-99		Dial Glass	.20	49-540		4" P. M. Speaker (Complete)	7.25
195-88		Dial Glass Gasket	.06	54-224		208-540 Output Transformer	1.67
S-11098		Pulley & Bushing Assembly	.33	57-1119		208-540 Cone & Voice Coil Assen.	1.73
S-11137		Dial Cord & Eyelet Assenly.	.09	64-98		Speed Nut (2 used S-11999)	.02
CHOKES AND COILS							
95-937	T1	First I.F. Transformer	1.85	64-99		Chassis Bottom Plate	.24
95-938	T2	Second I.F. Transformer	1.85	68-436		Brass Eyelet (S-11999)	.02
S-11830	L2	Osc. Coil Assen. SC40-40Z.	.95	68-437		Brass Eyelet (S-11999)	.01
S-13765	L2	Osc. Coil Assen. SC40ZZ.	.95	78-229		Electrolytic Socket	.03
CONDENSERS							
22-162	C2	.0001 Mfd.	500 Volt.	78-275		Electrolytic Socket	.03
22-196	C13	.01 Mfd.	600 Volt.	78-400		Miniature Base Tube Socket	.19
22-326	C14	.003 Mfd.	400 Volt.	78-446		Loktal Base Tube Socket (3 used)	.19
22-470	C12	.00015 Mfd.	600 Volt.	78-637		Battery Cable Socket	.23
22-492	C11	.002 Mfd.	600 Volt.	80-436		Tube Retaining Spring (117Z3)	.15
22-827	C6	.1 Mfd.	200 Volt.	82-20		Battery Retaining Strip	.25
22-829	C5	.05 Mfd.	200 Volt.	83-1393		Rubber Strip (Handle)	.30
22-1014	C15 & C16	Dry Electrolytic 20 x 20 Mfd.	150 Volt.	85-367-S1		Power Change Over Switch	.82
22-1017	C19	.05 Mfd.	250 Volt.	88-66		Pin Jack Terminal (Gang)	.02
22-1081	C17 & C18	Dry Electrolytic 40 x 20 Mfd.	150 Volt.	86-142		Pin Jack Terminal (Gang)	.02
22-1450	C1	Two Section Gang SC40-40Z.	4.15	89-53		Backlite Spacer Washer (S-11999)	.03
22-1653	C1	Two Section Gang SC40ZZ.	4.15	110-119		Grille Cloth	1.15
RESISTORS							
63-271	R8	1 Megohm	1/4 Watt.	112-468		#6 x 5/16 Phillips B.H. Self Tapping Screw (82-20)	1.83C
63-286	R4	220 Ohm	1/4 Watt.	112-533		#8 x 1/4 Phillips R.H. Self Tapping Screw (40-28)	.02
63-438	R13	2700 Ohm	1/4 Watt.	112-604		#8 x 5/16 Phillips Stove Hd. Self Tapping Screw (Chassis Mtg.)	.03
63-579	R2	220 Ohm	1/4 Watt.	126-482		Spiral Shield	.05
63-600	R5	2.2 Megohm	1/4 Watt.	139-61		Baffle Board (or 139-66)	.08
63-602	R16	4.7 Megohm	1/4 Watt.	136-27		Cover Catch (2 used)	.09
63-627	R15	180 Ohm	1/4 Watt.	139-53		Flexible Handle Sleeve	.40
63-646	R3	33 Ohm	1/4 Watt.	202-429		Instruction Book	.03
63-654	R1	180 Ohm	1/4 Watt.	212-2		Selenium Rectifier	
63-976	R7	15 Megohm	1/4 Watt.	S-11999	L1	Cabinet Back & Wavemagnet Assen. Complete (24-371)	4.75
RESISTORS - continued							
MISCELLANEOUS							
DIAL ASSEMBLY							
CHOKES AND COILS							
CONDENSERS							
RESISTORS							
RESISTORS - continued							
MISCELLANEOUS							

Prices subject to change without notice.

25M 4-29-47