



C1A & B VARIABLE CONDENSER PB40408
 C2A & B TRIMMERS ON VARIABLE
 C2 .001MFD. 400 V. PC 40GL-102
 C4 .15 MFD. 400 V. PC 40GL-154
 C5 .05MFD. 200 V. PC 40GK-503
 C6 .05MFD. 200 V. PC 40GK-503
 C7A & B NO.1 I.F. TRIMMERS AB 43500-44
 C8A & B NO.2 I.F. TRIMMERS AB 43500-55

CHASSIS GROUND

COMMON GROUND

C9 270 MMF. MICA MC 80G-271
 C10 .01 MFD. 400V. PC 40GL-103
 C11 510 MMF. MICA MC 80G-511
 C12 .002 MFD. 400V. PC 40GL-202
 C13 .01 MFD. 400V. PC 40GL-103
 C14 ELECT. CONDENSER PA 4301-1
 RED 30MFD. YELLOW 40 MFD.
 C15 .05 MFD. 400 V. PC 40GL-503

L1 NO.1 I.F. COIL ASSEMBLY AA 680042
 L2 NO. 2 I.F. COIL AA 6800-2
 L3 B.C. OSCILLATOR COIL ASSEMBLY AA 6797-1
 L4 LOOP ASSEMBLY AB 43025-1

R1 150,000.Ω .5W BR12N-154
 R2 22,000.Ω .5W BR12S-223
 R3 15 MEGOHM .5W BR12S-156
 R4 2.2 .5W BR12N-225
 R5 .5 MEG. VOL. CONT. A 3W PA4400-3
 R6 5.5 MEGOHM .5W BR12S-555
 R7 220,000.Ω .5W BR12N-224
 R8 470,000.Ω .5W BR12N-474
 R9 150.Ω .5W BR12S-151
 R10 1200.Ω 1W CR12S-122
 R11 82.Ω .5W BR12S-820

OPERATION	ALIGNMENT OF	GENERATOR CONNECTED TO	DUMMY ANTENNA	GENERATOR FREQUENCY	TUNING COND. SETTING	TRIMMER	REMARKS
1							Set dial pointer with left hand stop line and with condenser closed.
2	I.F.	*	**	456 KC	Open	C8A & B	Peak accurately
						C7A & B	Peak accurately
3	B.C.	***	Dummy Loop	1500 KC	1500 KC	C2B Osc.Trim.	Peak accurately
						C2A R.F.Trim.	Peak accurately
4	(Repeat operation 2 and 3).						
5	(Check calibration at 600 KC, 1000 KC, and 1500 KC).						
6	(Check operations 1 to 5 inclusive).						

* Pin No. 6 on 12SA7GT
 ** Standard Dummy
 *** Driver Loop.

Sparton Superheterodyne Model 5-16