

PHILIPS

SERVICE

NOTES



Model L3Z74T

WAVERANGE

517—1622 kc/s

I.F.

455 kc/s

LOUDSPEAKER

AD3460Z

TRANSISTORS

OC44, 2xOC45, 2xOC71,

2xOC72, OA79 Diode

BATTERY

Eveready Type 744/6V

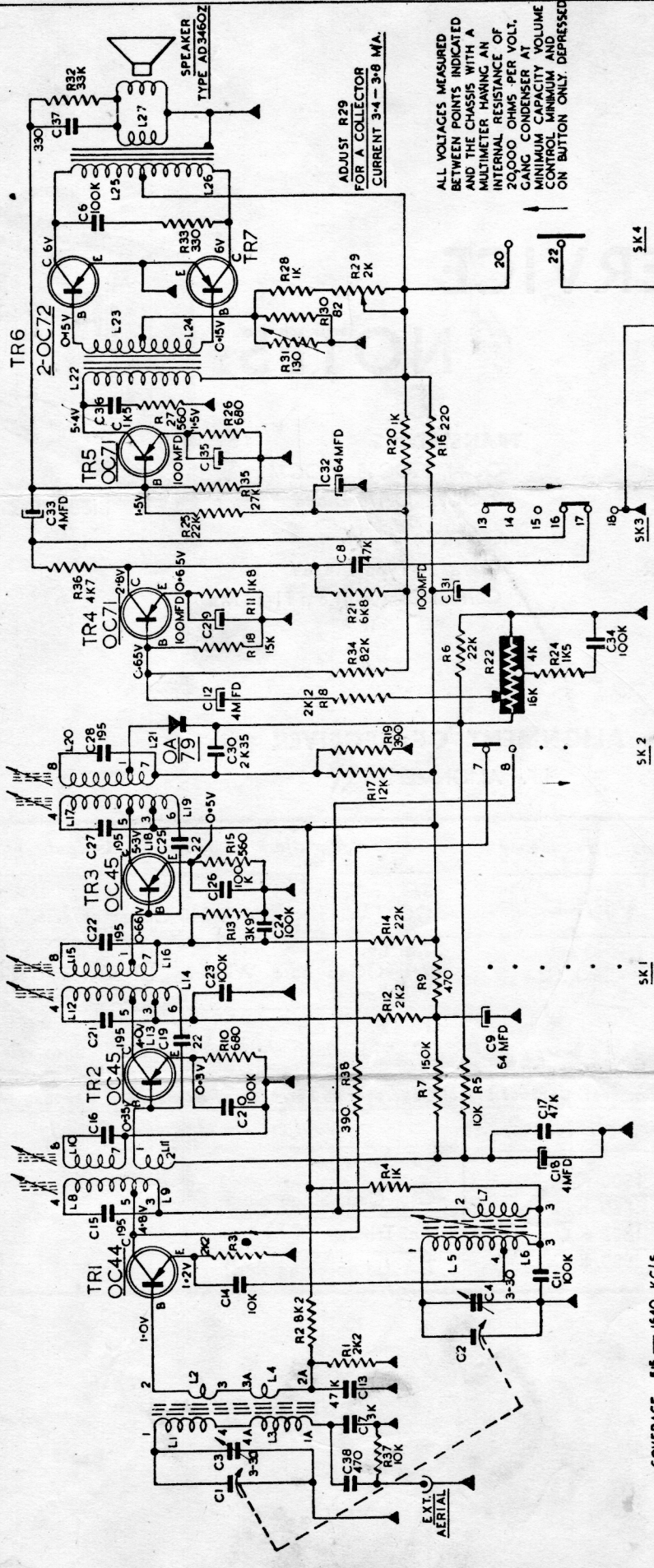
Current Consumption: 11-14 Ma

ALIGNMENT OF RECEIVER

I.F. ALIGNMENT

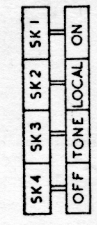
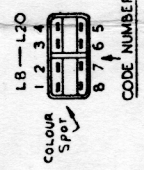
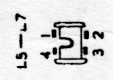
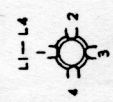
Connect Sig. Gen.	Trimming Frequency	Adjust to Maximum Output
Via 33000 pf to base 2nd OC45	455 K.C.	3rd I.F. OC79 Winding, 2nd OC45 Collector Winding
Via 33000 pf to base 1st OC45	455 K.C.	2nd I.F. 2nd OC45 Base Winding, 1st OC45 Collector Winding
Via 33K ohm top of 1st I.F. (OC44 Col- lector Plate)	455 K.C.	1st I.F. OC44 Collector Winding, 1st OC45 Base Winding
R.F. Alignment, Connect Signal Generator to Ferroceptor by means of Coupling Winding		
Waverange	Trimming Frequency	Adjust to Maximum Output
BC	1500 K.C.	Osc Trimmer
Damp with 10K ohm across T1 and T1A	550 K.C.	Osc. Coil, Slug
Remove Damping	1500 K.C.	Ae. Trimmer
	550 K.C.	T1A (Slide along Rod)

C	1.38.3	7	13	2	4	11.14	15	18.17.16.20.	19.21.9.23.	22.24.26.	25.27.	28.30.	12	34.	20.	31.	8.	33.	32.	35.	36.	31.30.28.29.	33.	6.	37.	32.
R	37.			1	2.		3.	4.	38.	5.7.	10.	12.	9.	14.	13.	15.	17.	19.	8.34.2.22.4.6.18.11.21.36.	25.	35.16.20.26.27.					

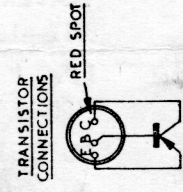


I.F. 455 KC/S.

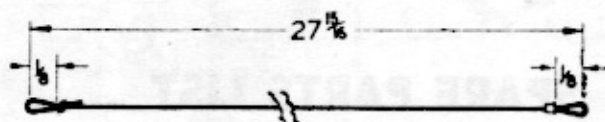
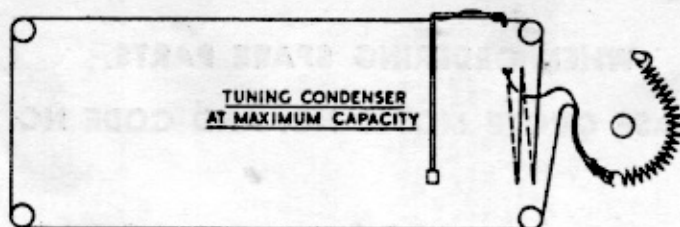
COVERAGE 515 — 1640 KC/S.



PUSH BUTTON SWITCH SHOWN IN DIAGRAM AFTER THE "OFF" BUTTON HAS BEEN DEPRESSED. BUTTON SK3 IN MAXIMUM HIGH NOTE POSITION.

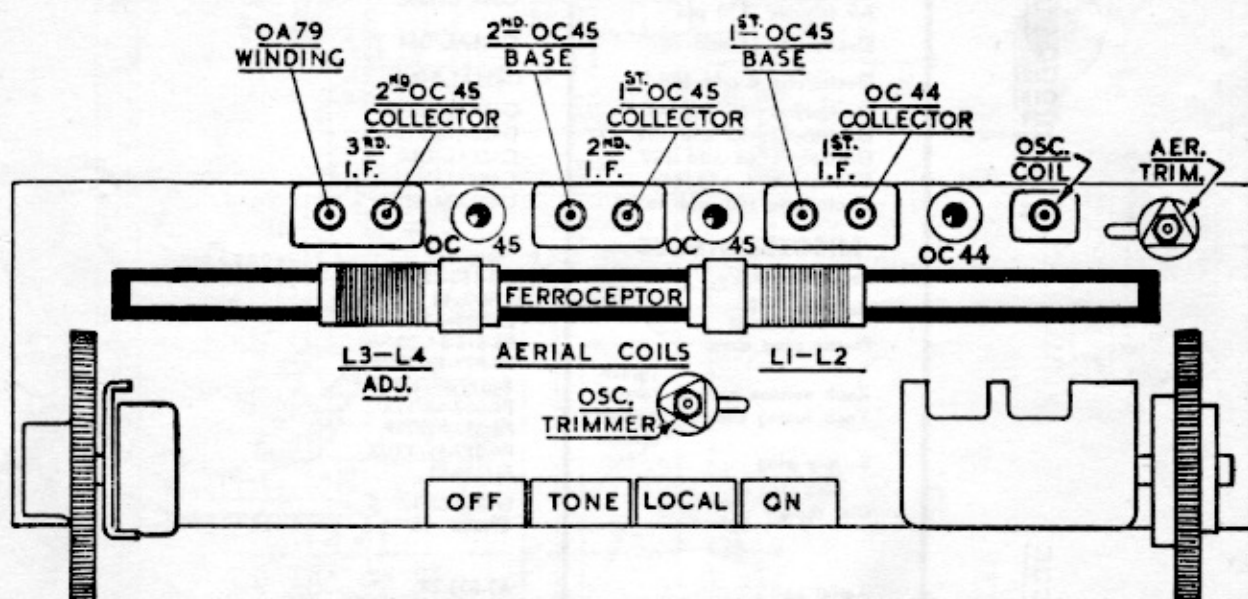


MODEL L3Z74T



CORD	K 030 JB/1
EYELET	B 002 AF/3X4
SPRING	A3 646 80

DIAL CORD DIAGRAM



TRIMMER LOCATION DIAGRAM

WARNING

When repairing equipment using Transistors and Germanium Diodes, care must be taken to see that they are not damaged by excessive heat or voltage.

SOLDERING.—Use a pair of pliers, or tweezers with wide points to grip the wire between the Transistors and the joint to be soldered, so conducting the heat away.

Be careful to connect the batteries to the correct Polarity.

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