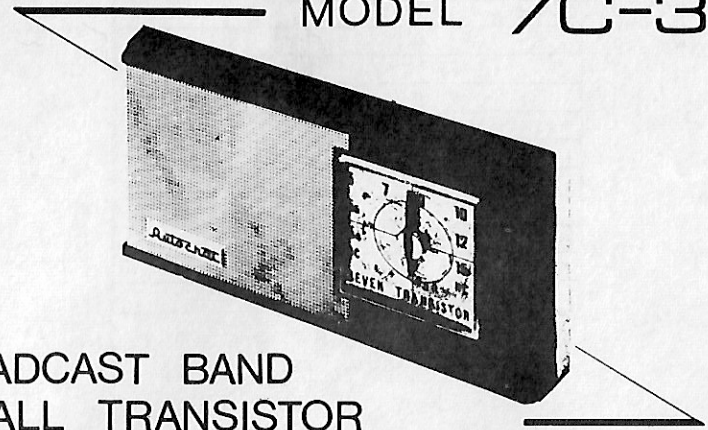


Autochat

MODEL 7C-318



BROADCAST BAND
ALL TRANSISTOR
PERSONAL PORTABLE

SPECIFICATION:

TYPE:

7 Transistor, 1 Diode

FREQUENCY COVERAGE:

530 -1605 Kc/s

INTERMEDIATE FREQUENCY:

455 Kc/s

OUTPUT:

180 MW

SPEAKER:

2½" Permanent Magnet 8 ohm.

TRANSISTORS:

2SA15 Mixer
2SA12B IF amp
2SB75B 1st Audio amp
2SB75B 2nd Audio amp
2SB77B Driver
2SB77B) Complimentary
2SD77B) Output

DIODE:

1N60

BATTERIES:

4 Penlight Cells

7C-318 ALIGNMENT PROCEDURE :

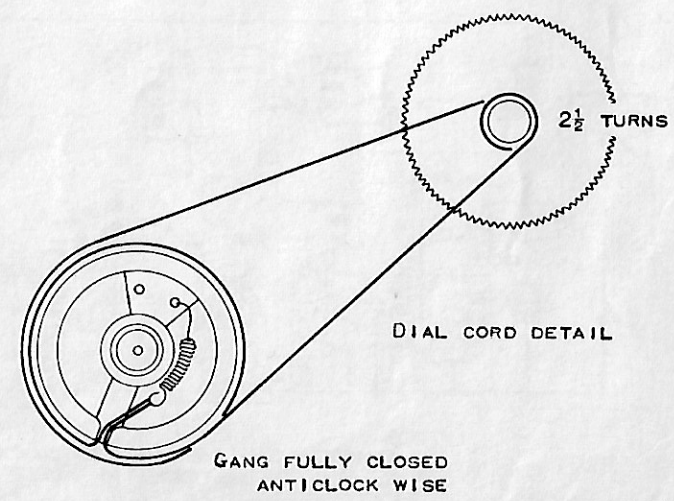
GENERAL : ALLOW TEST EQUIPMENT TO WARM UP FOR 15 MINS BEFORE STARTING PROCEDURE.

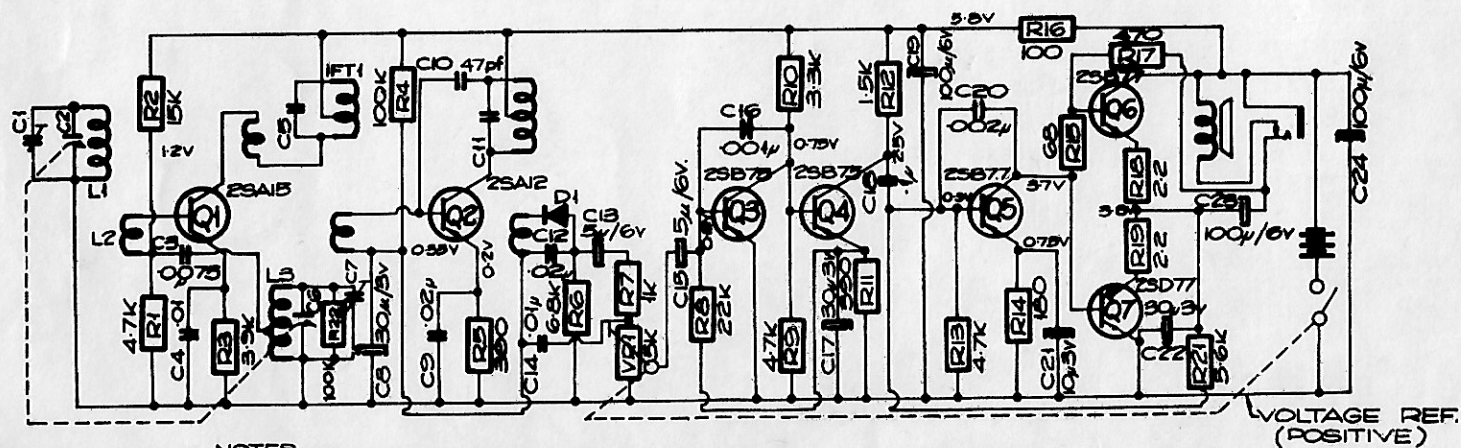
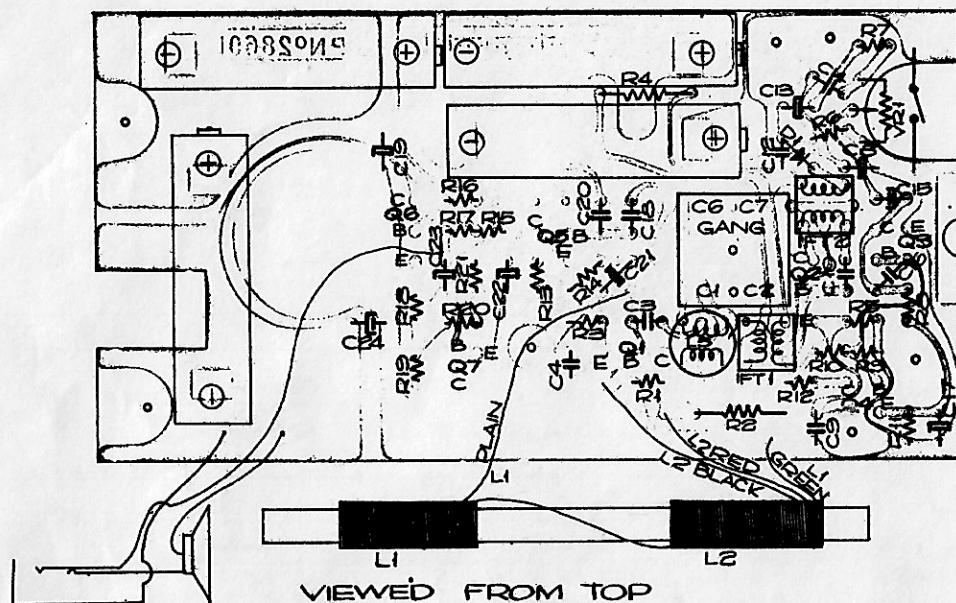
OUTPUT METER : CONNECT OUTPUT METER (A 1,000 OHM PER VOLT AC VOLTMETER OR OSCILLOSCOPE) ACROSS VOICE COIL TERMINALS, OR USE OUTPUT METER (8 OHM LOAD) PLUGGED INTO EARPHONE SOCKET - OUTPUT LEVEL 50 MW (0.63 V.)

SIGNAL GENERATOR : CONNECT TO LOOP AERIAL, I.E. APPROXIMATELY SIX TURNS OF INSULATED COPPER WIRE. DIAMETER OF LOOP 6" DISTANCE FROM SET 18".

RECEIVER CONTROLS : SET VOLUME CONTROL AT MAXIMUM. SET TUNING CONTROL AS INDICATED IN ALIGNMENT CHART.

STEP	GEN.OUTPUT	REC'V'R	ADJUST FOR MAX OUTPUT
1.	455 Kc/s	1200 Kc/s	IFT 2, IFT 1
REPEAT UNTIL MAXIMUM OUTPUT OBTAINED.			
2.	600 Kc/s	600 Kc/s	Osc COIL L3
3.	1200 Kc/s	1200 Kc/s	Osc TRIMMER C7
REPEAT 2 AND 3 UNTIL NO IMPROVEMENT.			
4.	600 Kc/s	600 Kc/s	ANTENNA COIL L1
5.	1200 Kc/s	1200 Kc/s	ANTENNA TRIMMER C1
REPEAT 4 AND 5 UNTIL NO IMPROVEMENT.			





- NOTES
1. VOLTAGE MEASURED UNDER NO SIGNAL CONDITIONS
2. ALL RESISTORS $\frac{1}{2}$ WATT. $\pm 10\%$

[illegible]

Title: CIRCUIT DATA 7C-918 Dwn: JM. Date: 27-9-68 Chkd: LD Appd: WR. AUTOCRAT RADIO LTD.	D209
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