

Rogers Majestic R237 De Forest D637

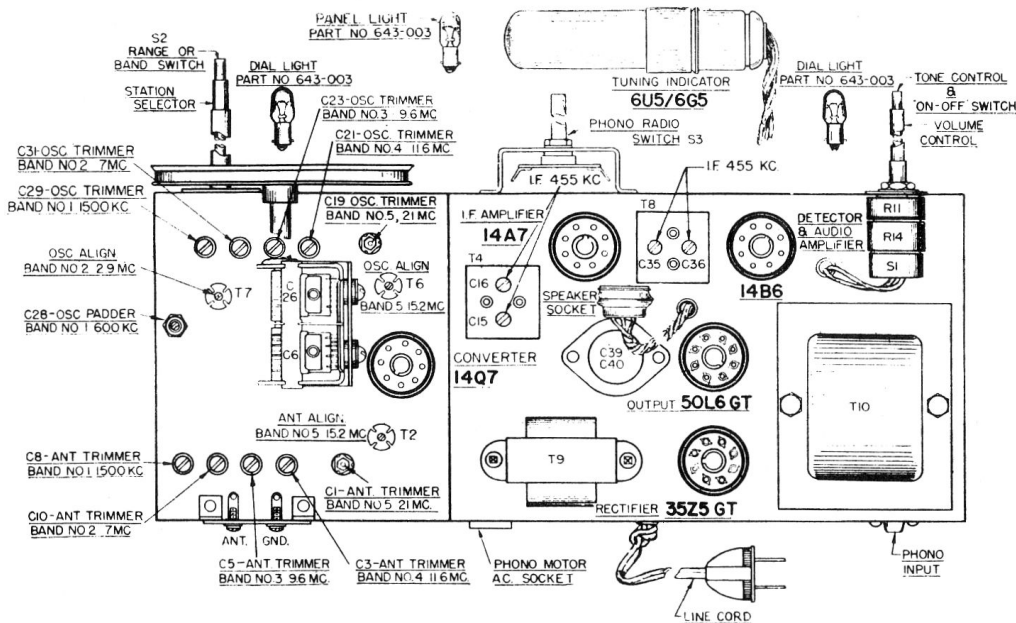


ALIGNMENT PROCEDURE

OPERATION	SIGNAL GENERATOR			RECEIVER			REMARKS
	Connect To	Freq.	Output Conn. To Receiver	Freq.	Range Switch Position	Adjust For Max. Output	
1	Grid of 14A7	455 kc.	.05 mfd.	Approx. 1600 kc.	1	C36, C35—2nd I.F. Trimmers	Connect generator ground to chassis.
2	Stator of C6	455 kc.	.05 mfd.	Approx. 1600 kc.	1	C16, C15—1st I.F. Trimmers	Upon completion of operation 2, do not readjust C36, C35.
3	Antenna Post	600 kc.	200 mmf.	600 kc.	1	C28 B.C. Osc. Padder	Connect generator ground to receiver ground.
4	Antenna Post	1500 kc.	200 mmf.	1500 kc.	1	C29 B.C. Osc. Trimmer C8 B.C. Ant. Trimmer	See note.*
5	Antenna Post	7.0 Mc.	400 ohms**	7.0 Mc.	2	C31 S.W. Osc. Trimmer C10 S.W. Ant. Trimmer	The 400 ohm dummy must be located close to the antenna post.
6	Antenna Post	2.9 Mc.	400 ohms**	2.9 Mc.	2	T7 S.W. Osc. Coil	Repeat operation 5 upon completion of operation 6.
7	Antenna Post	21.0 Mc.	400 ohms**	21.0 Mc.	5	C19 S.B. Osc. Trimmer	Unscrew C19, then screw in for first output peak.
8	Antenna Post	15.2 Mc.	400 ohms**	15.2 Mc.	5	T6 S.B. Osc. Coil	Repeat operation 7 upon completion of operation 8.
9	Antenna Post	21.0 Mc.	400 ohms**	21.0 Mc.	5	C1 S.B. Ant. Trimmer	Screw in C1, then unscrew for first output peak. See note.*
10	Antenna Post	15.2 Mc.	400 ohms**	15.2 Mc.	5	T2 S.B. Ant. Coil	Repeat operation 9 upon completion of operation 10.
11	Antenna Post	11.6 Mc.	400 ohms**	11.6 Mc.	4	C21 S.B. Osc. Trimmer C3 S.B. Ant. Trimmer	See note.*
12	Antenna Post	9.6 Mc.	400 ohms**	9.6 Mc.	3	C23 S.B. Osc. Trimmer C5 S.B. Ant. Trimmer	See note.*

NOTE:* After the signal has been tuned in with the oscillator trimmers, a greater peak output can be obtained by rocking the gang tuning condensers during adjustments to the antenna trimmer.

** Or a standard dummy antenna with a 200 mmf. condenser in series.



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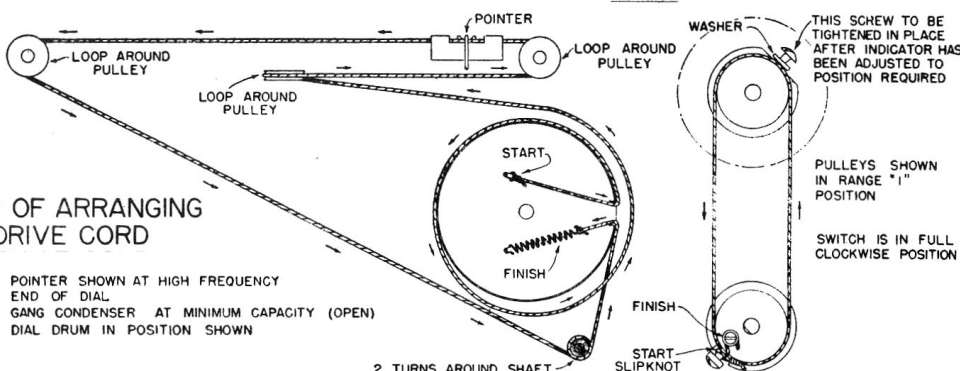
METHOD OF SECURING RANGE INDICATOR CORD

FREQUENCY RANGES:

Range 1 — 540 Kc. to 1620 Kc.
Range 2 — 2.6 Mc. to 7.5 Mc.
Range 3 — 9.3 Mc. to 10.5 Mc.
Range 4 — 10.4 Mc. to 12.2 Mc.
Range 5 — 14.8 Mc. to 21.9 Mc.

METHOD OF ARRANGING DIAL DRIVE CORD

POINTER SHOWN AT HIGH FREQUENCY
END OF DIAL
GANG CONDENSER AT MINIMUM CAPACITY (OPEN)
DIAL DRUM IN POSITION SHOWN



2 TURNS AROUND SHAFT

PULLEYS SHOWN
IN RANGE "1"
POSITION
SWITCH IS IN FULL
CLOCKWISE POSITION