

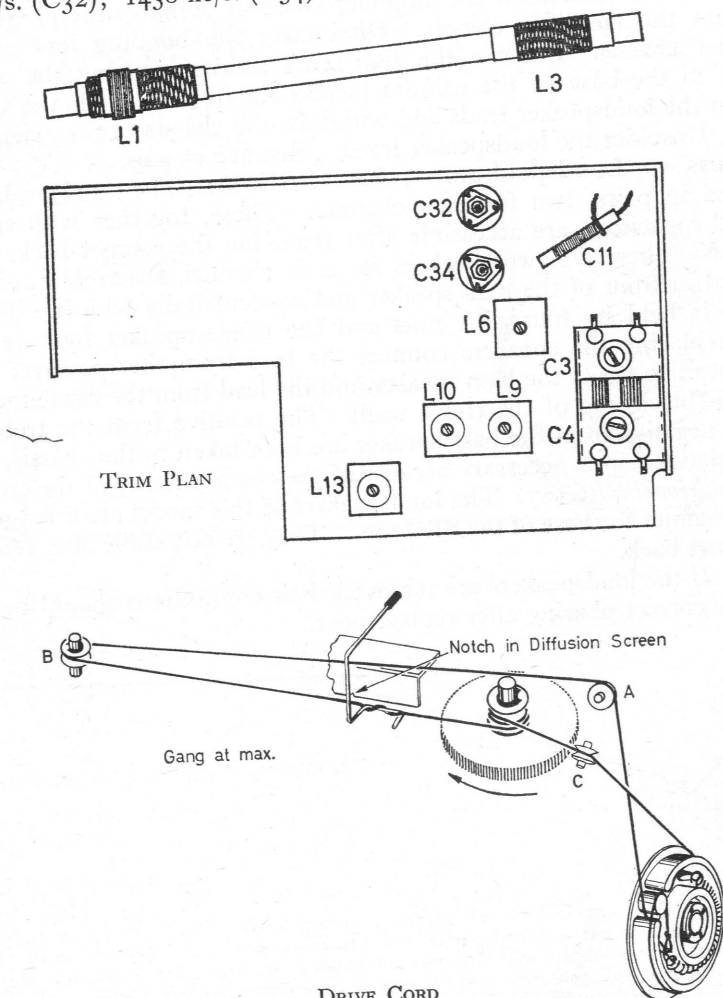
COSSOR

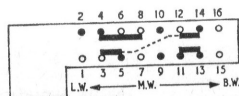
Model CR1315

General Description: Six-transistor, L.W./M.W. plus bandsread, portable receiver. Sockets for car aerial and earphone. 9-volt battery (PP7 or equivalent). Consumption 15 mA.

Semi-conductors: (T₁, T₂) AF117; (T₃) OC71; (T₄) OC81D; (T₅, T₆) OC81; (X₁) OA79.

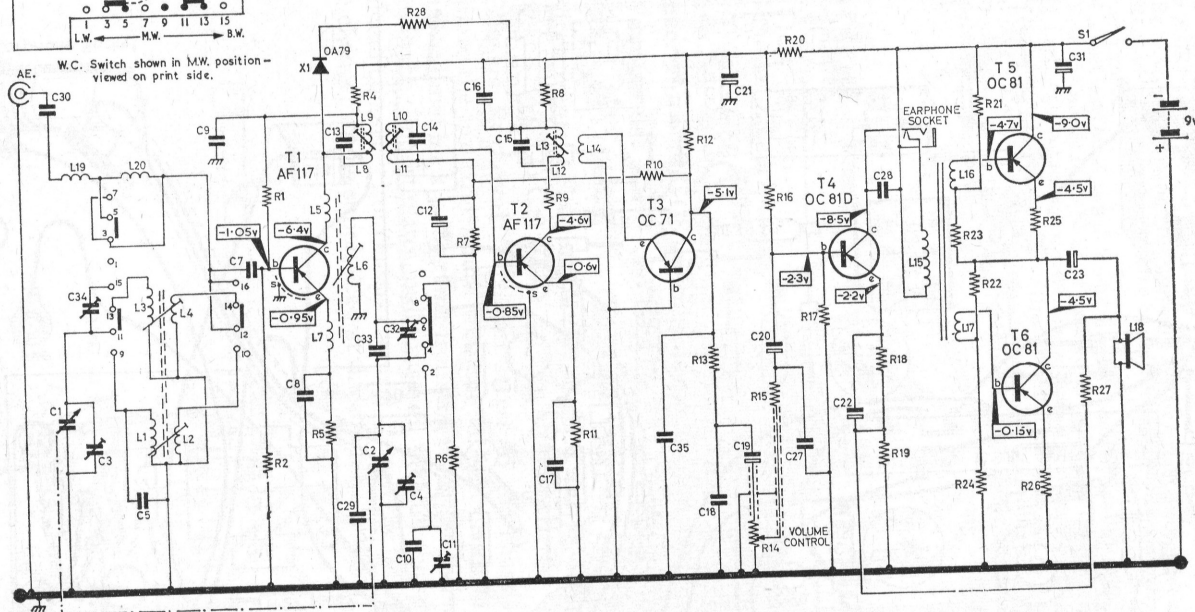
Alignment: I.F. 470 kc/s. (L₁₃, L₁₀, L₉); M.W. 535 kc/s. (L₆, L₃); 1500 kc/s. (C₄, C₃); L.W. 145 kc/s. (C₁₁); 190 kc/s. (L₁); Bandsread 1400 kc/s. (C₃₂); 1438 kc/s. (C₃₄).





• Denotes external connections.

W.C. Switch shown in M.W. position—viewed on print side.



CIRCUIT DIAGRAM—COSSOR MODEL CR1315T

Addendum: A 2.2k pF. capacitor C36 (not shown) has been added between slider R14 (V/C) and + side of C19.

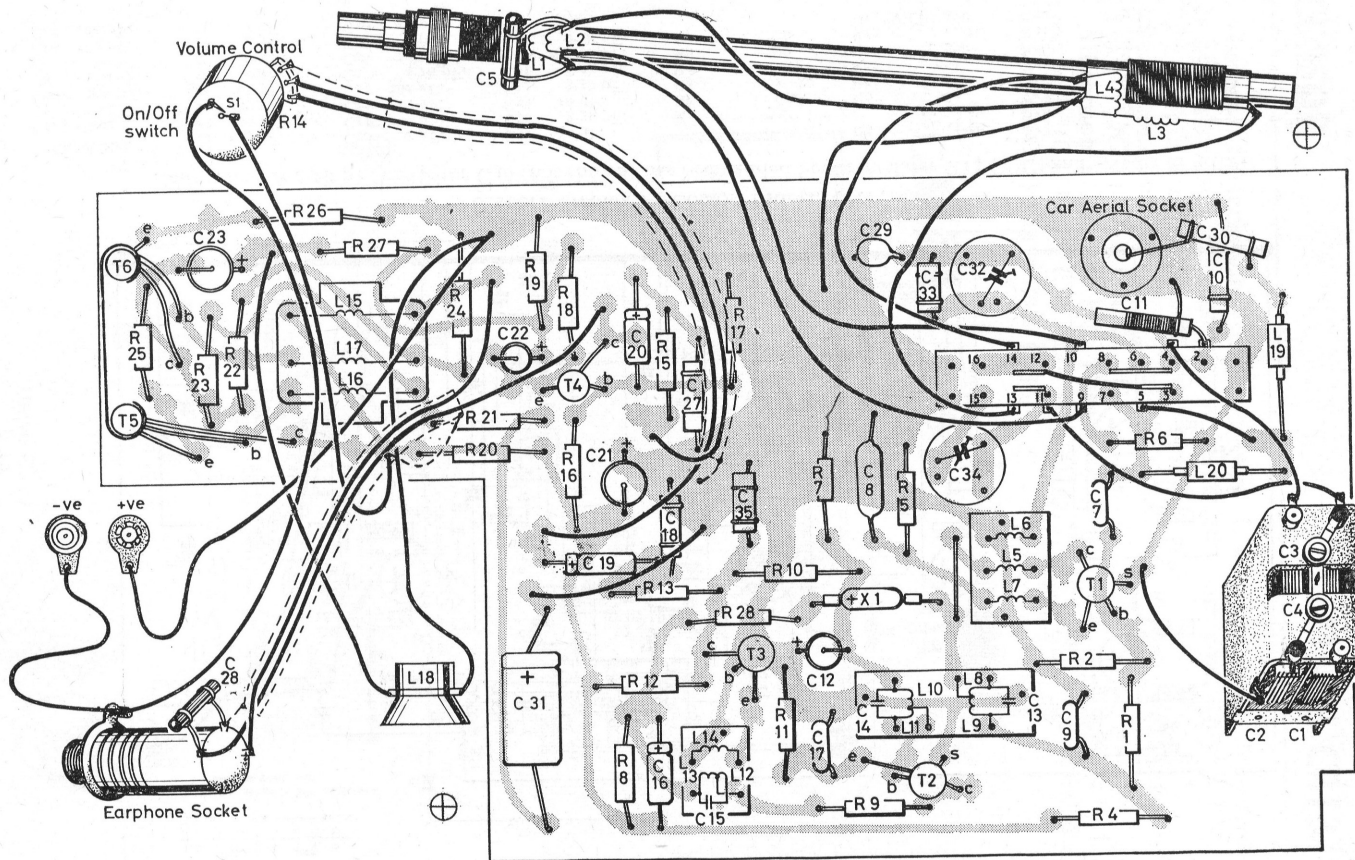
Capacitors.

CR1-4	Gang	C12	25 μ F.	C20	4 μ F.
C5	56 pF.	C13	200 pF.	C21	160 μ F.
C7	10k pF.	C14	200 pF.	C22	80 μ F.
C8	18k pF.	C15	91 pF.	C23	160 μ F.
C9	0.1 μ F.	C16	10 μ F.	C27	4.7k pF.
C10	180 pF.	C17	0.1 μ F.	C28	10k pF.
C11	100 pF.	C18	3.9k pF.	C29	3 pF.
		C19	4 μ F.	C30	10 pF.

C31	640 μ F.
C32	3.30 pF.
C33	18 pF.
C34	3.30 pF.
C35	8.2k pF.
C36	or 3.9k pF.
	2.2k pF.

Resistors.

R1	33k	R8	1.5k	R15	470	R23	82
R2	6.8k		or 1.8k	R16	39k	R24	82
R4	1.5k	R9	180	R17	18k	R25	3.3
R5	1k	R10	47k	R18	1k	R26	3.3
R6	82k	R11	270	R19	15	R27	2.2k
R7	10k	R12	27k	R20	270	R28	820
		R13	4.7k	R21	2.2k		
		R14 (V/C)	47k	R22	2.2k		



PRINTED PANEL (COMPONENT SIDE)—COSSOR MODEL CR1315T

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Removing the Cabinet

Note: The two halves of the cabinet are held together at the top by lugs which are part of the station scale.

1. Remove battery cover (sliding panel in base), then disconnect and remove battery.
2. Remove the two screws located one either side of base compartment and remove chassis protecting cover.
3. Pull off waveband switch knob, then lay receiver, speaker grille down, on a soft surface.
4. Ease the upper (back) half of cabinet up and down hinged on station scale to free retaining lugs. *Do not use force or damage to cabinet may result.*
5. Free station scale from lower (front) half of cabinet.
6. Remove the two chassis fixing screws located one either side of the printed panel, then lift the chassis clear of the lower (front) half of the cabinet, captive only by the loudspeaker and earphone socket leads.