

M = 1,000,000 OHMS
 K = 1,000 OHMS
 ALL CAPACITORS MFD
 UNLESS MARKED PF (MMFD)

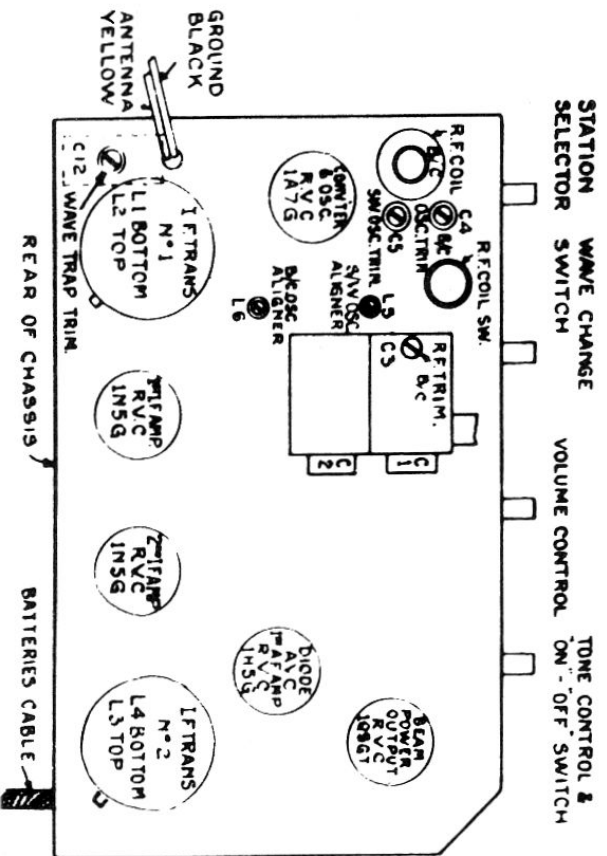
↓ DENOTES CHASSIS

NOTES:
 ROTARY SWITCH SHOWN IN COUNTER-CLOCKWISE POSITION
 KNOB END VIEW IS SHOWN WITH CHASSIS RIGHT SIDE UP.
 ROTARY SWITCH IN B'CAST POSITION

WIRE LEGEND
 "A" = No. 20 FLEX. V.H.R.-64
 ALL OTHER WIRING TO BE
 No. 20 SOLID V.S.R.-64

Marconi Models 214 & 215 Battery Operated Radio

Marconi Models 214 & 215 Battery Operated Radio



LOUDSPEAKER DATA (M.214)

Cone.....	6" Dynamic
Field.....	8.23 oz. Permanent Magnet
Voice Coil Impedance @ 400 C.P.S.....	3.5 Ohms
Voice Coil Resistance.....	2.93 Ohms
Output Transformer (Primary Resistance).....	480 Ohms

LOUDSPEAKER DATA (M.215)

Cone.....	10" Dynamic
Field.....	13.3 oz. Permanent Magnet
Voice Coil Impedance @ 400 C.P.S.....	3.14 Ohms
Voice Coil Resistance.....	3.0 Ohms
Output Transformer (Primary Resistance).....	480 Ohms

SET BAND SWITCH TO	CONNECT S.G. OUTPUT TO	INPUT FREQUENCY	DIAL SETTING	ADJUST	CIRCUIT RESONATED	REMARKS
B.C.	C.G. 1A7G	462.5 KC	*	L4 & L3 L2 & L1	No. 2 I.F. No. 1 I.F. Wave-Trap.	Max. Output Max. Output Min. Output
B.C.	A & G	462.5 KC	Max.	C12		
+B.C.	A & G	1730 KC	Gang at Min.	C4	B.C. Osc.	Resonate
B.C.	A & G	1600 KC	160	C3	B.C. R.F.	Max. Output
B.C.	A & G	580 KC	58	Core L6	B.C. Osc.	Rock Gang
S.W.	A & G	18.2 MC	Gang at Min.	C5	S.W. Osc.	Resonate
S.W.	A & G	16 MC	16 MC	C5	S.W. Osc.	Rock Gang for
S.W.	A & G	6 MC	6 MC	Core L5	S.W. Osc.	Max. Output Rock Gang for Max. Output

* Short Osc. Section of gang through 0.1 Mfd. For Oscillograph alignment connect oscilloscope input across R8 and adjust for overlapping double image of maximum amplitude.
 + Before proceeding with R.F. Alignment, see that dial pointer is set to last calibration at right with gang at minimum capacity. Also to compensate for any interlocking between circuits screw in L5 eight full turns from minimum inductance.