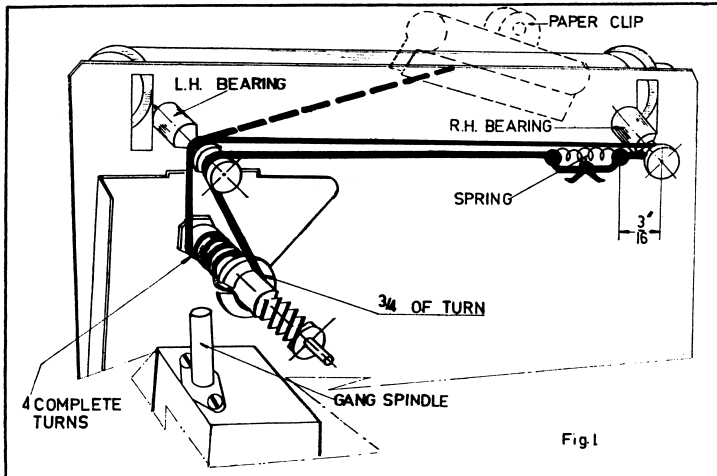


Fig.1

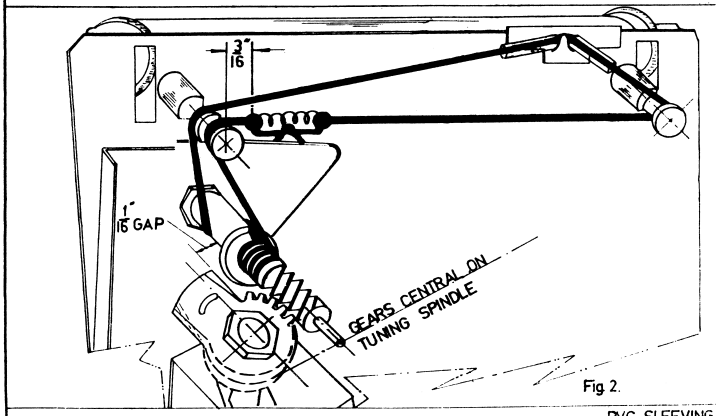
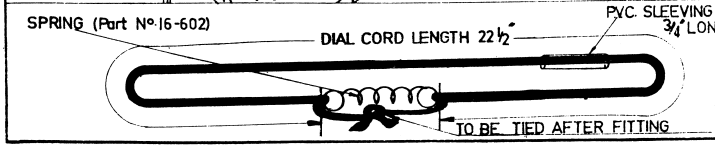


Fig. 2.



TO REPLACE DIAL CORD.

1) REMOVE GEARS FROM GANG SPINDLE BY LOOSENING GRUB SCREWS & SLIDING OFF ASSEMBLY.
2) TURN TUNING SPINDLE SO THAT SLOT IN DRUM FACES GANG SPINDLE.
3) WITH SPRING IN POSITION SHOWN, WIND 4 COMPLETE TURNS IN ANTI-CLOCKWISE DIRECTION. ON FRONT PART OF DRUM, PASS CORD THROUGH SLOT IN DRUM AND WIND 3/4 OF A TURN ANTI-CLOCKWISE ON REAR PART OF DRUM.

   N.B. THIS TURN MUST BE PUSHED WELL UP AGAINST SHOULDER.

   PASS CORD OVER OUTER PART OF L.H. BEARING.

   THIS OPERATION IS SIMPLIFIED IF THE CORD IS HELD BY MEANS OF A LARGE PAPER CLIP IN THE POSITION INDICATED AND TEMPORARILY UNHOOKED FROM R.H. BEARING

   SEE FIG.1

4) WIND SPRING TO WITHIN 3/16" CLEAR OF L.H. BEARING CHECKING THAT THE CORD RUNS FREELY & DOES NOT "PILE UP" ON DRUM.
5) CLOSE GANG & REPLACE GEARS ON GANG SPINDLE. GEARS MUST BE MESHED IN POSITION INDICATED AND SPRING LOADED GEAR MUST BE DISPLACED BY ONE TOOTH BEFORE MESHING. GEARS MUST BE POSITIONED CENTRE WITH TUNING SPINDLE.

   SEE FIG.2.

6) FIT POINTER & WITH GANG CLOSED, SET ON LINE AT L.H. END OF DIAL.

MATERIAL		PLANNED	L.W.		PROJECT	QTY.	PROJECT	QTY.	PROJECT	QTY.
GAUGE		DRAWN	F.S.							
FINISH		CHECKED	L.W.							
Prescription No.		APPROVED	I. D. Y.							

DIAL CORD LAYOUT — 21-6, 21-7

Work to Dimensions only. Unless otherwise specified, Tolerances to be read as:— ± on Fractions. ± on Decimals.

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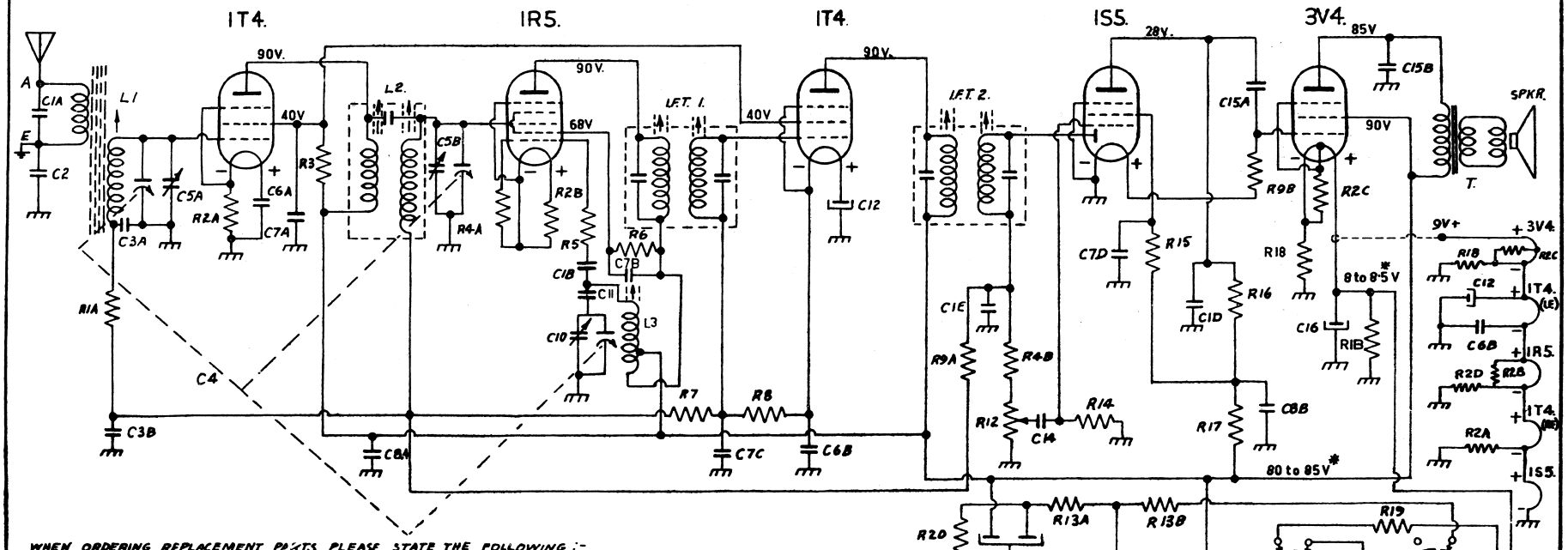

WHEN ORDERING REPLACEMENT PARTS PLEASE STATE THE FOLLOWING :-
MODEL No, CHASSIS No, PART No, CIRCUIT DESIGNATION AND GENERAL DESCRIPTION

CIRCUIT DESIGNATION	DESCRIPTION.	PART No.
R1A,B	RESISTOR 47KΩ ½W CARBON ±15%	
R2A,B,C,D	" 390Ω ½W " ±10%	
R3	" 39KΩ 1W " ±10%	
R4A,B	" 100KΩ ½W " ±15%	
R5	" 330Ω ½W " ±10%	
R6	" 6·8KΩ ½W " ±10%	
R7	" 2·7MΩ ½W " ±15%	
R8	" 4·7MΩ ½W " ±10%	
R9A,B	" 1MΩ ½W " ±15%	
R10 A,B	" 115Ω 3W W.W. ±5%	
R11	" 270Ω 3W W.W. ±5%	
R12	" POTENTIOMETER 1MΩ "C" TAPER	32-55
R13 A,B	" 1500Ω+1500Ω 20W. W.W. ±5%	
R14	" 1·0MΩ ½W CARBON ±10%	
R15	" 2·7MΩ 1W " ±15%	
R16	" 0·47MΩ 1W " ±15%	
R17	" 270KΩ 1W " ±10%	
R18	" 1KΩ ½W " ±10%	
R19	" 47KΩ 1W " ±15%	
R20	" 75Ω 3W WW ±5%	
L1	LOOP STICK ASSEMBLY	14-30
L2	R.F. COIL	14-25
L3	OSCILLATOR COIL	14-36

CIRCUIT DESIGNATION	DESCRIPTION.	PART No.
C1A,B,C,D	CAPACITOR 100pF MICA ±16%	
C2	" ·002 µF 2000V. PAPER ±16%	
C3 A,B	" ·05µF 200V. PAPER ±15%	
C4	" 3 GANG PHILIPS	
C5 A,B.	" TRIMMER HY-Q 5-50pf	
C6 A,B	" 0·1µF 200V. PAPER ±15%	
C7 A,B,C,D,E,F	" ·01µF 600V. PAPER ±15%	
C8A,B	" ·05µF 400V. PAPER ±15%	
C9	" 3pF MICA ±15%	
C10	" TRIMMER WIRE 3-30pF	
C11	" 480pF MICA ±2½%	
C12	" 50µF 40V. ELECTRO. +100% -10%	
C13	" 2×30µF 350V. ELECTRO +100% -10%	
C14	" ·002µF 600V. PAPER ±15%	
C15 A,B	" ·005µF 600V. PAPER ±15%	
C16 A,B	" 500µF 12 PV. ELECTRO +100% -10%	
NOTE	SOME RECEIVERS HAVE BEEN FITTED WITH 5×4F ROLA SPEAKER & 10000Ω-3·5Ω TRANSFORMER	
I.F.T. 1,2	I.F. TRANSFORMER 455 Kc/s.	2A-19
SPKR	4 M.S.P. (SEE NOTE ABOVE)	
T	10000Ω TO 15Ω M.S.P. SPKR. X-FORMER	
RECT.	METAL RECTIFIER	14B-261.
BATT.'s	EVEREADY 495 (90V.) & 733 (9V) or EQUIVALENTS	
SW.	SWITCH 4 POLE 4 POSTION	17-46

NOTE :- FOR D.C. MAINS.
220 V. D.C. USE 240-260 V. TAP.
210 V. D.C. USE 220-240 V. TAP.
200 V. D.C. USE 200-220 V. TAP.

ALL VOLTAGE MEASUREMENTS TAKEN WITH RESPECT TO CHASSIS WITH A METER OF 1000 Ω/V.
VOLTAGE ANALYSIS TAKEN WITH RECEIVER OPERATING ON NEW BATTERIES.
VOLTAGES MARKED THUS * TAKEN WITH RECEIVER OPERATING FROM MAINS.
WHEN OPERATING THIS RECEIVER OUT OF THE CABINET CONNECT TO MAINS VIA AN ISOLATING TRANSFORMER.
FREQUENCY COVERAGE: 535-1650 K.C./S.

					PROJECT	QTY.	PROJECT	QTY.	PROJECT	QTY.
MATERIAL		PLANNED								
GAUGE		DRAWN	K.Moore.	7-8-56.						
FINISH		CHECKED	O.LERVE							
Prescription No.		APPROVED								

RECEIVER A.C. D.C. BATTERY PORTABLE 21-7

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