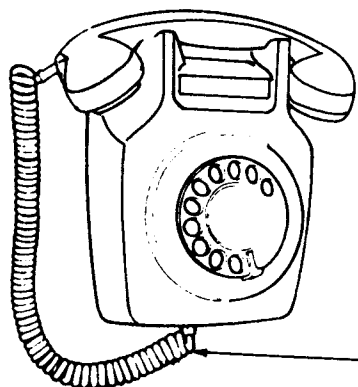


# TELEPHONE No.711...

WALL TELEPHONE WITH PROVISION FOR 1 TO 4 PRESS-BUTTONS  
 TELEPHONE No.711F (COLOUR) FOR USE ON AUTO SYSTEMS  
 TELEPHONE No.711CB (RED) FOR USE ON EMERGENCY CIRCUITS



CORD INST No.4/88AK  
 (COL) 10"  
 OR 4/118AX (COL) 200mm

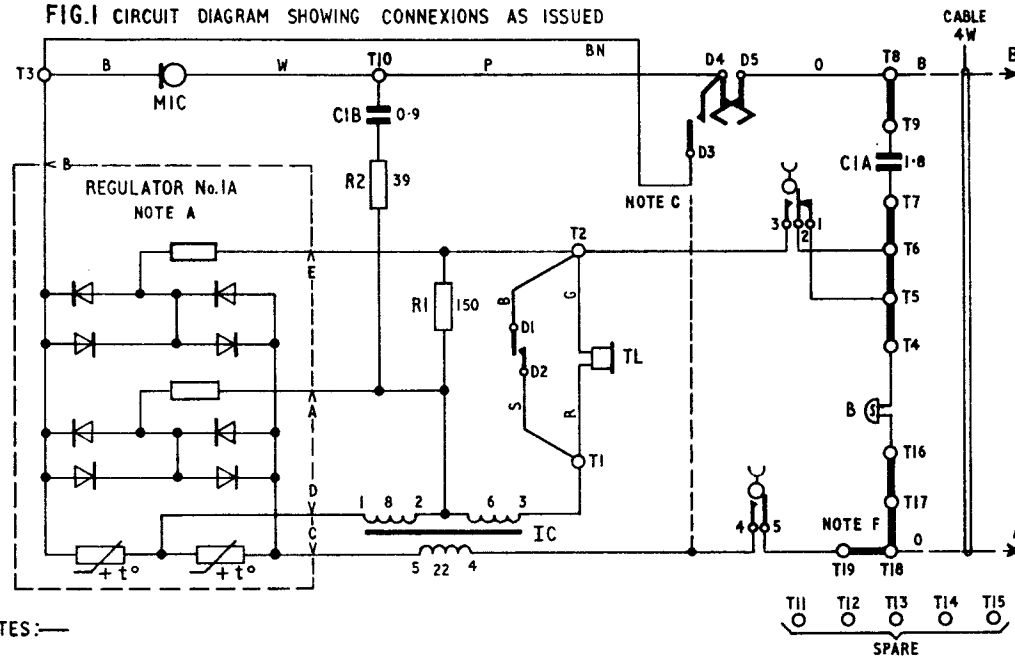
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### OTHER REFERENCES

Telecommunications Instructions . . . . .	{ Maintenance E5B2741 Installation C3B1004             }
Auxiliary Units. . . . .	
Press-Buttons. . . . .	Dgm. N849

FIG.1 CIRCUIT DIAGRAM SHOWING CONNEXIONS AS ISSUED



### NOTES:—

- A The regulator is made inoperative when reversed in the jack. In that condition, Points B,C and D are connected together.
- B The leads of auxiliary units should be terminated as shown on appropriate diagram, any spare lead should be secured to a spare terminal. Where this is not possible the leads should be insulated from electrical contact with parts of the telephone and from each other.  
 Where additional terminals are required fit:—  
 1 off Part 2/DST/836 for Terminals T20—T25  
 2 off Part 2/DST/836 for Terminals T20—T31  
 OR 1 off Strip Connexion No.155A for Terminals T20—T37
- C Early issues have dial Brown conductor connected to Gravity-Spring 4, instead of T3. This lead should be removed and a Cord Inst.1/42E Brown connected between D3 and T3.
- D When the Telephone 711 is fitted in a restricted space, so that it is not possible to use a screwdriver to tighten the normal case securing screw, a hexagon headed screw, Part 1/DSC/531 should be requisitioned and fitted in place of the existing screw.
- E Telephone No.711CB Red is for use on emergency circuits only. Other colours of Telephone No.711CB are no longer stocked. Where a Telephone No.711CB is required, requisition and assemble locally a Telephone No.711F (Colour) and Dial Auto Dummy No.7. (Colour). The Dial 21... should be recovered. The pink and orange dial conductors should be joined and the other three leads parked (See Fig.2).
- F When extension bell is required, remove Strap T17—T18 and connect bell. A Switch No.5A-3 with Button 2/DBU/267, may be connected blue to T17, slate and brown to T18 to control the extension bell. Where this arrangement will not meet the customers requirements, a Switch No.2A may be fitted in a suitable position and wired to short circuit the extension bell.

FIG. 2



PO TELECOMMS HQRS	ISSUE			
		E	CBSI deleted. 711CB made red only. Minor amendments.	30-1-76
		D	Fig.1:— Note D added.	12-11-68

FIG. 3 AUTOMATIC SYSTEMS  
SHARED SERVICE LINES

USING:—  
Telephone No.711F  
Switch No.5A-3 (see Fig.9)  
Part 1/DBR/381  
Part 2/DBU/266 (Colour)  
Thermistor No.1A-1 (RY1)  
Valve Electronic CV8790, 7875 or 8805 (NOTE B)  
2 Parts 1/DBU/270 (Colour)

- NOTES:—
- A. Remove Straps T5-T6, T16-T17, T17-T18, T18-T19
  - B. In UAX areas with vibrator ringing, provide and fit Valve, Electronic CV...
  - C. Exchange Line Connexions  
'A' wire to T18 } Station X  
'B' wire to T8 }  
'A' wire to T8 } Station Y  
'B' wire to T18 }
  - D. When extension bell is required, provide and fit in place of Strap T14-T15

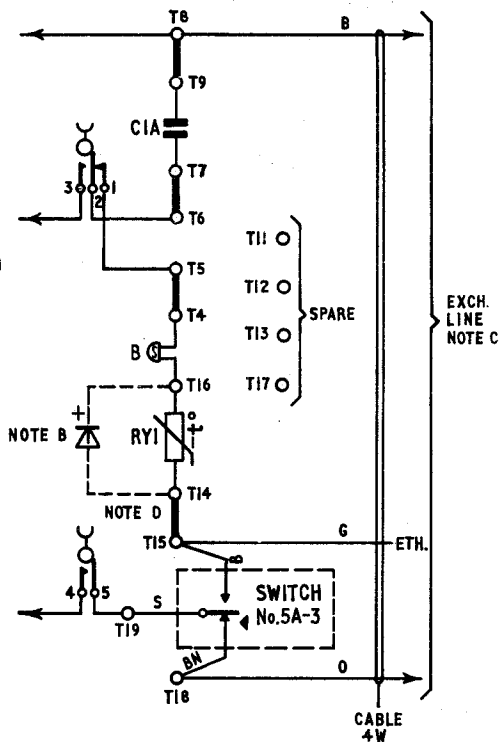


FIG. 5 PMBXs WITH ADDITIONAL  
C-WIRE

USING:—  
Telephone No.711F  
Switch No.5A-3 (see Fig. 9)  
Part 1/DBR/381  
Part 1/DSP/1269  
2 Parts 1/DBU/270 (Colour)  
Part 2/DBU/266 (Colour)

- NOTES:—
- A. For 2-Wire Extensions using UAA No.96 or No.96A. Wire the telephone to Fig.3

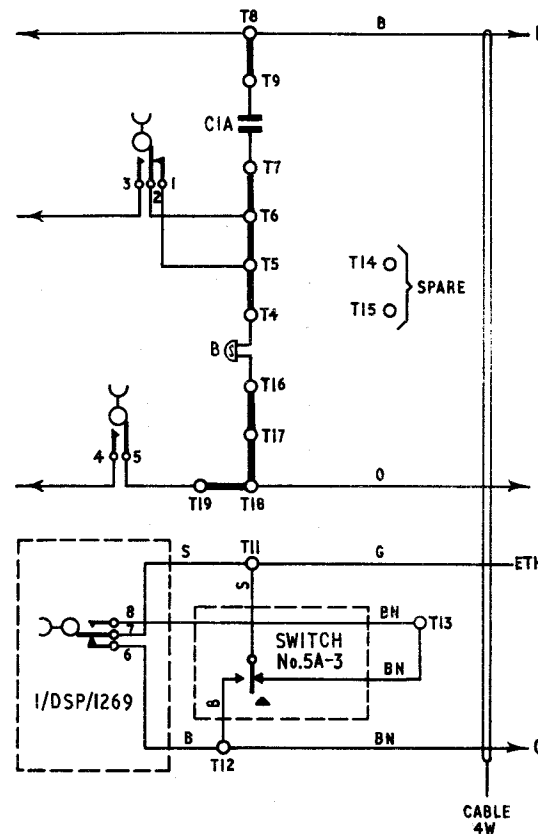
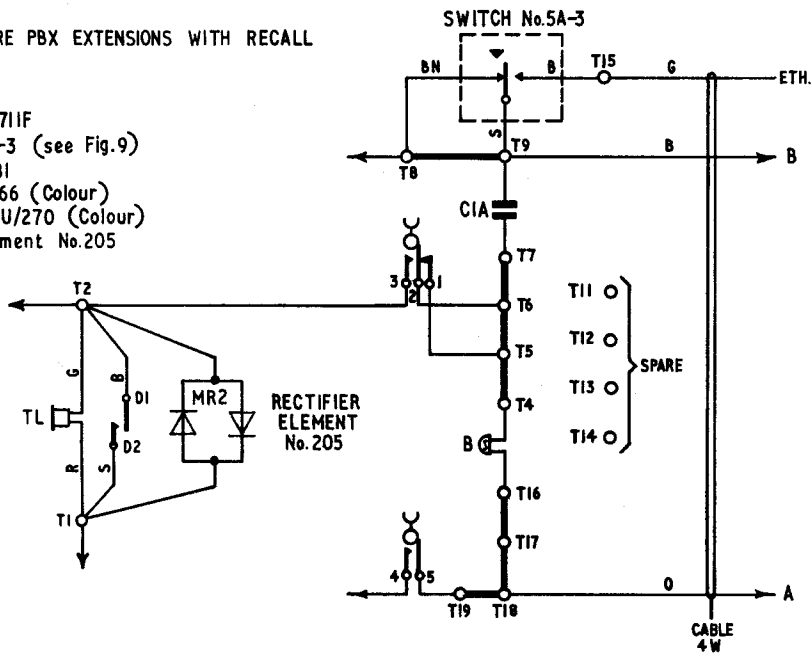


FIG. 4 2-WIRE PBX EXTENSIONS WITH RECALL

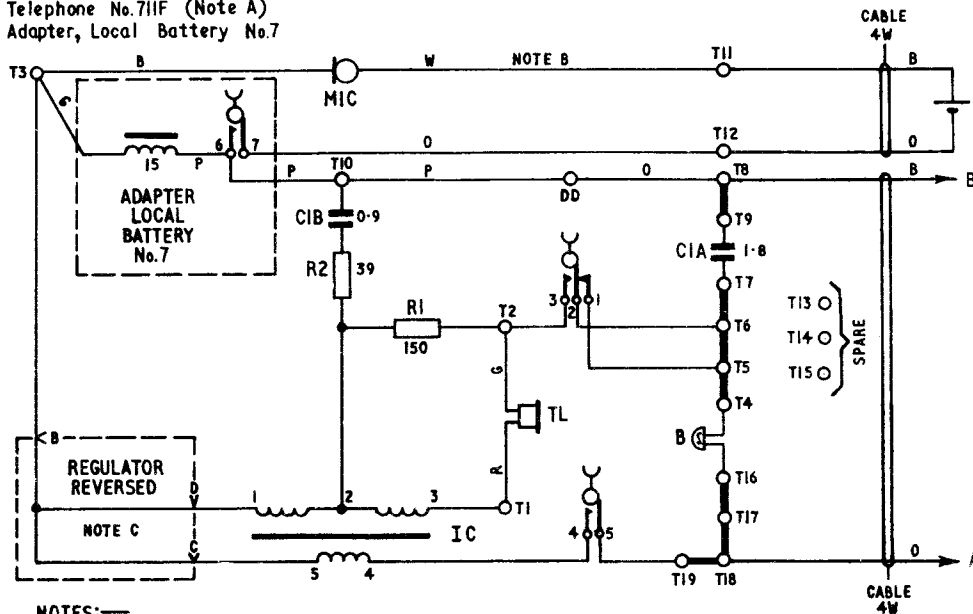
USING:—  
Telephone No.711F  
Switch No.5A-3 (see Fig.9)  
Part 1/DBR/381  
Part 2/DBU/266 (Colour)  
2 Parts 1/DBU/270 (Colour)  
Rectifier Element No.205



**FIG.6 CBS No.2 AND 3 SYSTEMS**

USING:-

Telephone No.711F (Note A)  
Adapter, Local Battery No.7



NOTES:-

- A. Convert Telephone No.711F to No.711CB as described in Fig.1, Note E and Fig.2
- B. Transfer white lead of handset cord from T10 to T11.
- C. Reverse regulator in jack.

**FIG.7 CB SYSTEM SHARED SERVICE LINES**

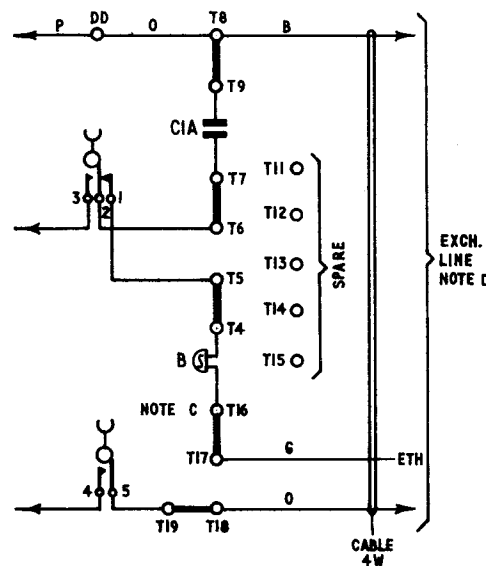
USING:-

Telephone No.711F (Note A)

NOTES:-

- A. Convert Telephone No.711F to No.711CB as described in Fig.1, Note E and Fig.2
- B. Remove Straps T5-T6, T17-T18.
- C. If extension bell is required provide and fit in place of Strap T16-T17
- D. Exchange line connexions  
'A' wire to T8 } Station X  
'B' wire to T18 }  
'A' wire to T18 } Station Y  
'B' wire to T8 }

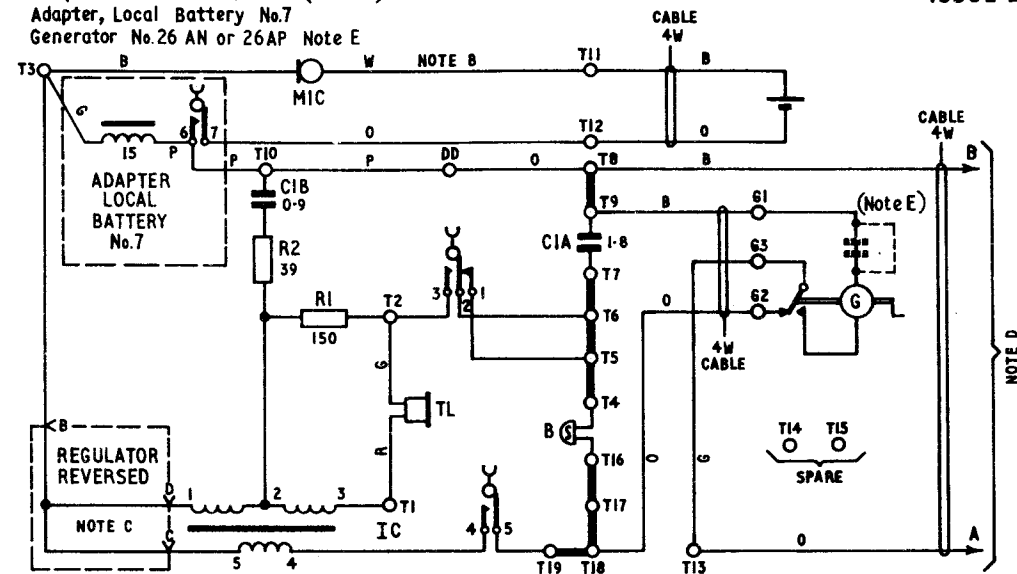
Transpose X and Y for minor CB10 exchanges.



**FIG.8 GENERATOR SIGNALLING PRIVATE WIRE CIRCUITS**

USING:-

Telephone No.711F or CB Red (Note A)  
Adapter, Local Battery No.7  
Generator No.26 AN or 26AP Note E

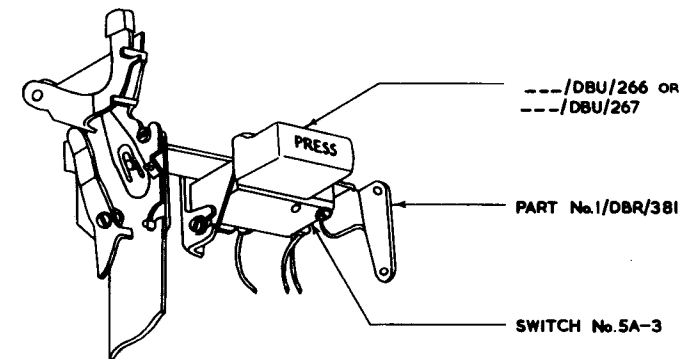


NOTES:-

- A. Telephone No.711CB Red is for emergency circuits only. For other circuits, use Telephone No.711F, and convert to CB as described in Fig.1 Note E and Fig.2.
- B. Transfer white lead of handset cord from T10 to T11.
- C. Reverse regulator in jack.
- D. For private circuits where a similar telephone is fitted at the distant end, the line connexion should be such that the two batteries are connected in series aiding.
- E. Generator No.26AP may be used if the capacitor in it is short circuited.

**FIG.9 FITTING SWITCH 5A-3**

Required for stations on shared service, 2-Wire P.B.X. extensions, C-Wire signalling etc.



NOTES:-

- A. When the switch is fitted, the long dummy supplied with the telephone should be removed and stored inside telephone.
- B. The press-button locates in the mid-position of the button slot.
- C. Two additional dummy buttons Part 1/DBU/270 (Colour) should be provided and fitted, one each side of the press-button and secured with the clamping springs supplied with the telephone.