SPEAKERPHONE SYSTEM—3-TYPE

702B TELEPHONE SET

CONNECTIONS AND MAINTENANCE

1. GENERAL

1.01 This section covers information necessary to modify and connect the 702B telephone set to provide speakerphone service.

1.02 This section is reissued to:

● Change section reference in 3.01.

● Include 55A* modified control unit, Fig. 2.

2. CONNECTION INDEX

Table A—Modification for 3-Type Speakerphone

Fig. 1—702B Telephone Set—Wired for 3-Type Speakerphone

Fig. 2—702B Telephone Set—Speakerphone Connections

3. MAINTENANCE

3.01 ◆ Refer to Division 502 for maintenance of 702B telephone set and to Division 512 for maintenance of speakerphone components. ◆

TABLE A

MODIFICATION FOR 3-TYPE SPEAKERPHONE

WIRE OR LEAD	COLOR	REMOVE FROM	CONNECT TO		INSULATE AND STORE
		NETWORK	NET.	TERM. BLOCK	
Line Switch	(S)	A	L2		
	(Y) [S-Y]	L2		3	
	(BR) [S-BR]	C	G		
Ringer	(BK)	G	L1		
Network	(BK) [S-BK]	A			●
Strap*			A ↔ C		
D6AF Mounting Cord	(R)		C		
	(BL)		G		
	(Y)		L2		
	(G)		L1		
	(W)			3	
	(BK)			4	

* Use M1W cord or equivalent.

( ) Indicates current color code.

[ ] Indicates MD color code.

NOTES:

1. TO MODIFY SET, REPLACE D5AK MOUNTING CORD WITH D6AF.

2. WHEN USING WITH IAI OR IA2 KEY TELEPHONE SYSTEM, CONNECT A LEAD FROM
   KTS AND AG LEAD FROM CONTROL UNIT TO TERMINAL 5 OF CONNECTOR BLOCK.

( ) INDICATES CURRENT COLOR CODE.

[ ] INDICATES MD COLOR CODE.

✻ INSULATE AND STORE.

Fig. 1—702B Telephone Set—Wired for 3-Type Speakerphone

CONTROL UNIT		INSIDE WIRE OR CABLE	LEAD DESIG	44A CONN BLKS	TO LINE				7028 TEL SET	
55A(MD) OR 55A*	55B				TIP	RING	A1-SG	A		

Diagram rows (Control Unit / 55B / Lead Desig / Conn Blk / cord color / Tel Set):

55A(MD)	55B	LEAD DESIG	44A	D6AF CORD	7028
19	1	TI	2	(G)	L1
28	10	RI	1	(R)	C
12	2	A1-SG	4	(W)	3
5	11	AG	5	(BL)	G
		TO 2012A TRNSF	7	(BK)	4
		LK	3	(Y)	L2

(NOTE 1)

55A	55B		LEAD	666-TYPE TRMTR		
					A (MD)	B
35	9	BL (NOTE 4)		T7A OR T11A CORD (NOTE 2)	T11A	T7A
26	21	(NOTE 4)	LK	3 (BK)	(BK-O)	11 / 8
4	7		M1	1 (BR-BL)	(S-BK)	2 / 1
14	16		M2	2 (W)	(BK-S)	5 / 3
13	8		P1	4 (BL)	(BL-R)	4 / 2
2	17		F1	5 (Y)	(G-Y)	10 / 7
3	18		S	7 (R)	(O-BK)	8 / 5
29	19		A1	8 (G)	(Y-O)	9 / 6

55A	55B			R2FK CORD	760A LSPK
34	20	P	SP1	9 (G)	
33	29	P	SP2	10 (R)	

(NOTE 3) ⊘ 24	(NOTE 3) ⊘ 30
36	36
27	27

P TO 18V 60 HZ POWER SOURCE

NOTES:
1. WHEN USED WITH 1A1 OR 1A2 KTS CONNECT A AND AG LEADS TO TERMINAL 5 OF CONNECTING BLOCK.
2. INSULATE AND STORE UNUSED LEADS OF T11A CORD.
3. USE IF REDUCED LOUDSPEAKER VOLUME IS DESIRED.
4. CONNECT BL LEAD FOR BUSY LAMP CONTROL BY 55-TYPE CONTROL UNIT. ADD STRAP AS SHOWN.
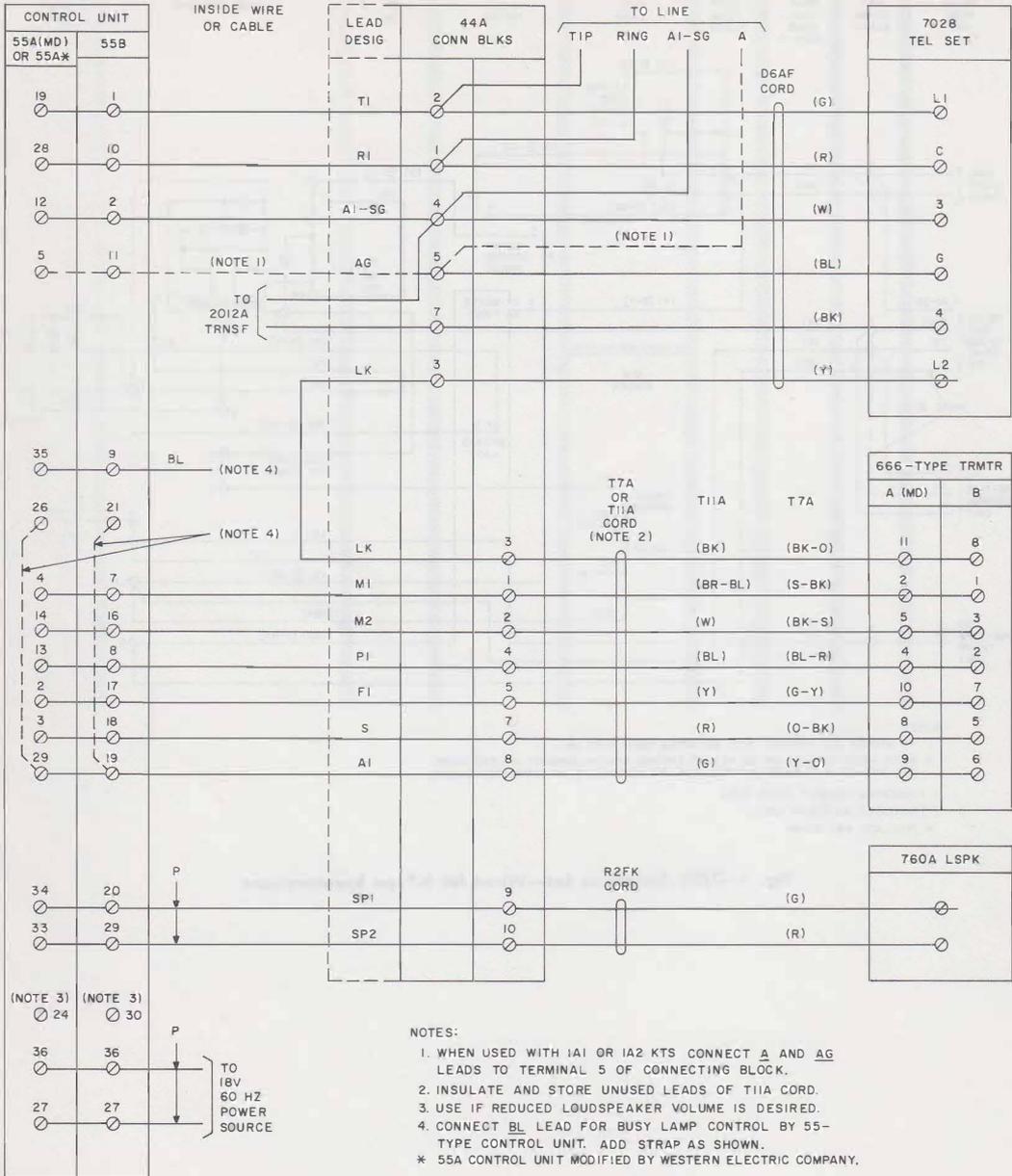* 55A CONTROL UNIT MODIFIED BY WESTERN ELECTRIC COMPANY.

Fig. 2—702B Telephone Set—Speakerphone Connections