

SERVICE

2702B AND 2702BM TELEPHONE SETS

1. GENERAL

1.01 Reissued to:

- Show D5AK cord MD.
- Revise Fig. 3 and 4.

TABLE A
POLARITY GUARD CONNECTIONS
(D-180229 KIT OF PARTS)

LEAD	COLOR	REMOVE FROM NET.	CONNECT TO	
			NET.	TERM. BOARD*
Dial	BK	RR		3
Line Switch	BR	C		4
Polarity Guard	R			3
	BK		RR	4
	G W		C	

* Component of polarity guard assembly

Note: For use when specified by local instructions for end-to-end signaling installations.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

TABLE B
LINE AND RINGER CONNECTIONS
2702B (MD) TELEPHONE SET WITH D5AK (MD) MOUNTING CORD

WIRE OR LEAD		INDIVIDUAL OR BRIDGED ‡	RING PARTY ‡	TIP PARTY		
				NO IDENT GRD	IDENTIFYING GROUND	
					1000 OHMS	2650 OHMS
Inside Wire at Conn Block	Ring	R	R	R	R	R
	Tip	G	G	G	G	G
	Grd	Y	Y	Y	Y	Y
Dial Light Transformer	1	Y	Y	Y	Y	Y
	2	B	B	B	B	B
D5AK Mtg Cord at Conn Block	(R)	R	R	G	G	G
	(G)	G	G	R	R	R
	(Y)	G	Y	Y	Y	Y
	(BK)	B	B	B	B	B
	(W)	Y	Y	Y	Y	Y
D5AK Mtg Cord at Set Terminals	(R)	L2	L2	L2	L2	L2
	(G)	L1	L1	L1	C	C
	(Y)	G	G	G	G	G
	(BK)	4†	4†	4†	4†	4†
	(W)	3†	3†	3†	3†	3†
Ringer Leads	(R)	K	K	K	K	K
	(BK)	G	G	G	G	G
	(S)	*	*	*	L1	*
	(S-R)	*	*	*	*	L1
Line Switch	(BR)	C	C	F	F	F
	(W) [S-W]	F	F	C	B	B
Strap From H	(BK) [S-BK]	A	A	A	*	*

* Insulated and stored.

† Terminals on lamp terminal block.

‡ Factory-wired for bridged or ring party.

() Current color code.

[] MD color code.

Note: 1. To silence ringer permanently for all classes of service, refer to the appropriate section in Division 501.

2. When connecting the D5AK mounting cord leads for tip party identifying ground, use D-161488 connectors and M1W straps as required to extend conductor leads.

TABLE C
LINE AND RINGER CONNECTIONS
2702B (MD) TELEPHONE SET WITH D4BT MOUNTING CORD

WIRE OR LEAD		INDIVIDUAL OR BRIDGED	RING PARTY	TIP PARTY		
				NO IDENT GRD	IDENTIFYING GROUND	
					1000 OHMS	2650 OHMS
Inside Wire at Conn Block	Ring	R	R	R	R	R
	Tip	G	G	G	G	G
	Grd	Y	Y	Y	Y	Y
Dial Light Transformer	1	Y	Y	Y	Y	Y
	2	B	B	B	B	B
D4BT Mtg Cord at Conn Block	(R)	R	R	G	G	G
	(G)	G	G	R	R	R
	(Y)	Y	Y	Y	Y	Y
	(BK)	B	B	B	B	B
D4BT Mtg Cord at Set Terminals	(R)	L2	L2	L2	L2	L2
	(G)	L1	L1	L1	C	C
	(Y)	3†	3†	3†	3†	3†
	(BK)	4†	4†	4†	4†	4†
Ringer Leads	(R)	K	K	K	K	K
	(BK)	L1	3†	3†	3†	3†
	(S)	*	*	*	L1	*
	(S-R)	*	*	*	*	L1
Line Switch	(BR)	C	C	F	F	F
	(W) [S-W]	F	F	C	B	B
Strap From H	(BK) [S-BK]	A	A	A	*	*

* Insulated and stored.

† Terminals on lamp terminal block.

() Current color code.

[] MD color code.

Note: To silence ringer permanently for all classes of service, refer to the appropriate section in Division 501.

TABLE D

2702BM TELEPHONE SET LINE AND RINGER CONNECTIONS WITH D4BU MOUNTING CORD

WIRE OR LEAD		COLOR	INDIVIDUAL OR BRIDGED (NOTE 3)	RINGER PARTY	TIP PARTY		
					NO IDENT GRD.	IDENTIFYING GROUND (NOTE 4)	
						1000 OHMS	2650 OHMS
Line Wire at Conn Block	Ring	R	R	R	R	R	R
	Tip	G	G	G	G	G	G
	GRD	Y	Y	Y	Y	Y	Y
Dial Light Transformer	1	Y	Y	Y	Y	Y	Y
	2	BK	B	B	B	B	B
623P4 Jack Assembly in Set (Note 2)		R	L2	L2	L1	C	C
		G	L1	L1	L2	L2	L2
		Y	3	3	3	3	3
		BK	4	4	4	4	4
Ringer Lead (Note 1)		BK	L1	3	3	3	3
		R	K	K	K	K	K
		S	*	*	*	L1	*
		S-R	*	*	*	*	L1
Line Switch at Net.		W	F	F	C	B	B
		BR	C	C	F	F	F
Strap from H of Net.		BK	A	A	A	*	*

* Insulated and stored.

Notes:

1. To silence ringer permanently for all classes of service, refer to the appropriate section in Division 501.
2. When connecting the 623P4 jack assembly leads for tip party identifying ground, use D-161488 connectors and M1W straps as required to extend conductor leads.
3. Sets are factory-wired for bridged service.
4. For tip party service with identifying ground, remove insulate and store (BK) strap between network terminals A and H.

TABLE E
CONVERSION OF 2702B (MD) OR 2702BM TELEPHONE SET TO 4/8
PARTY RINGING USING D-180697 KIT OF PARTS

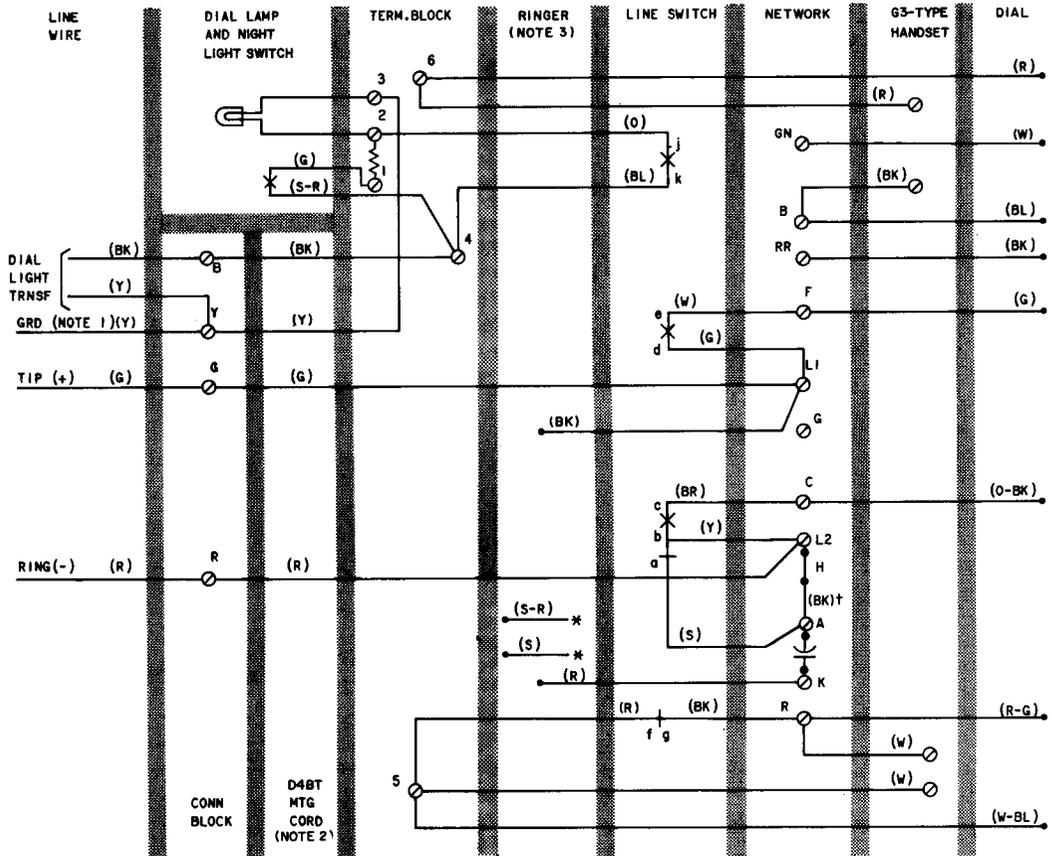
WIRE OR LEAD		COLOR	NEGATIVE(-)		POSITIVE(+)	
			1-5	2-6	3-7	4-8
			RING	TIP	RING	TIP
Line Wire at Conn Block	Ring	R	R	R	R	R
	Tip	G	G	G	G	G
	GRD	Y	Y	Y	Y	Y
Mtg Cord or 623P4 Jack Assy Leads in Tel Set		R	L2	L2	L2	L2
		G	L1	L1	L1	L1
		Y	3	3	3	3
		BK	4	4	4	4
Line Switch		S	*	*	*	*
Ringer Leads		R	3	3	L2	L1
		BK	K	K	K	K
		S	*	*	*	*
		S-R	†	†	†	†
426N Diode§		Flange End‡	L2	L1	3	3
		Knob End	†	†	†	†
Strap from A		BK	3	3	L2	L1

* Insulated and stored.

† Connect knob end of 426N diode to (S-R) ringer lead using an 801219320 (P-121932) connector assembly provided.

‡ Connect flange end of diode to one end of (W) strap lead provided, using sleeving and an 801219320 (P-121932) connector assembly. Connect other end of (W) strap to terminal indicated.

§ Connect 426N diode into set as indicated using sleeving supplied and dress diode to avoid interference with set components.



NOTES:

1. STATION GROUND SHALL BE PROVIDED FOR ALL INSTALLATIONS.
 2. CONNECTIONS SHOWN FOR D4BT MTG. CORD. IF D5AK (MD) MTG. CORD IS USED, REFER TO TABLE B.
 3. TO SILENCE RINGER PERMANENTLY FOR ALL CLASSES OF SERVICE REFER TO THE APPROPRIATE RINGER SECTION IN DIVISION 501.
- * INSULATE AND STORED.
 † THIS LEAD GOES DIRECTLY TO L2 ON 42286 NET.

Fig. 1—2702B (MD) Telephone Set, Connections

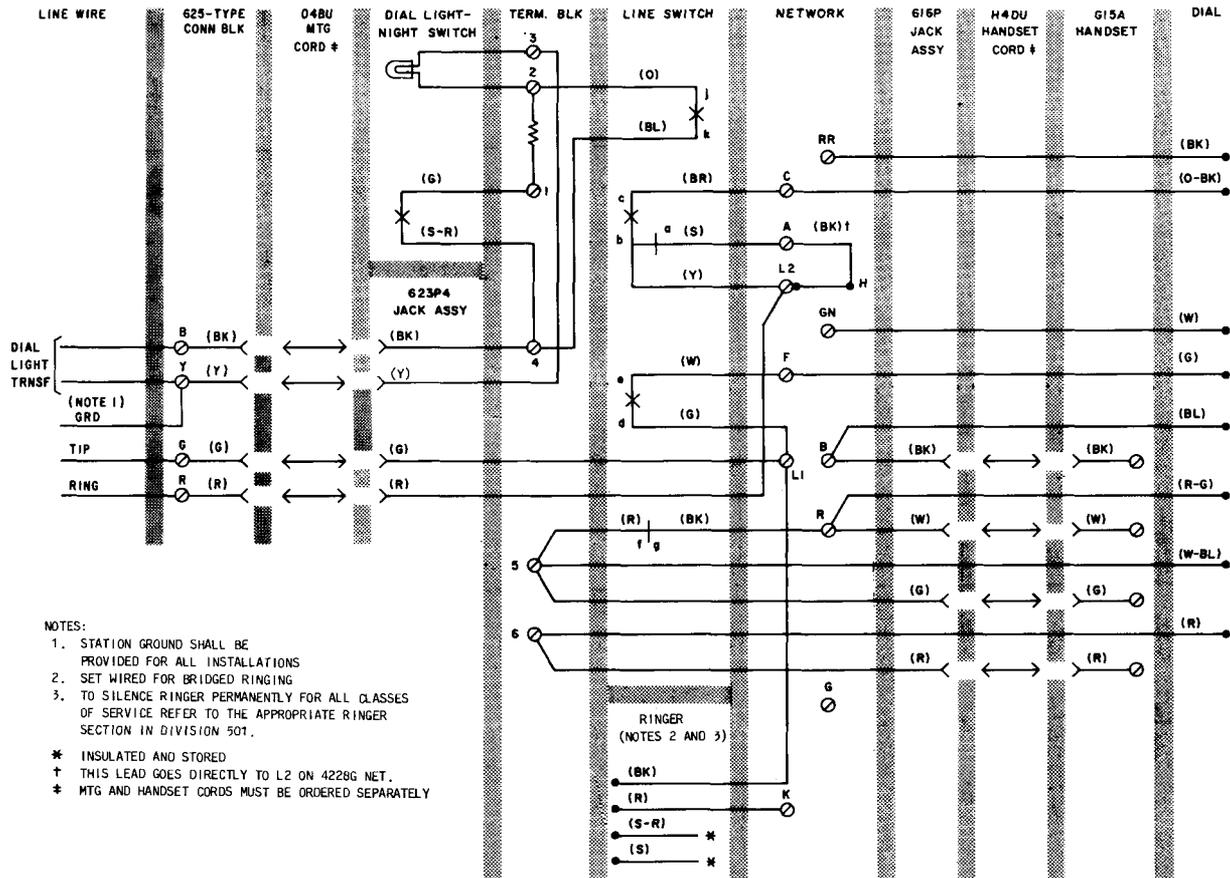


Fig. 2—2702BM Telephone Set, Connections

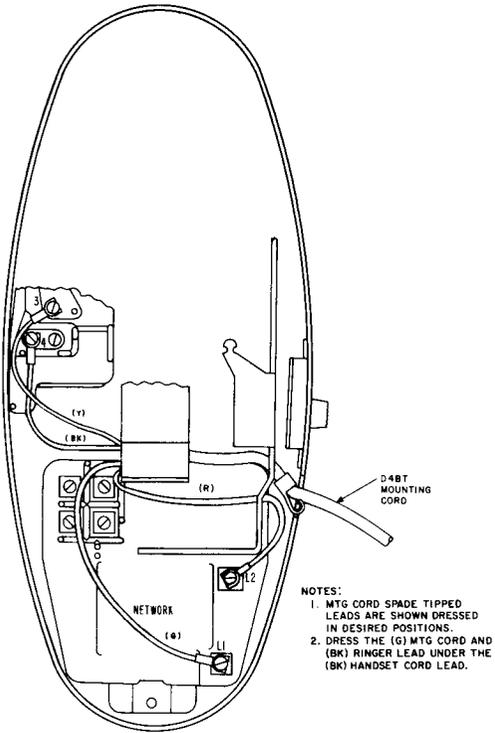


Fig. 3—Method of Terminating D4BT Mounting Cord on Sets with 4010-Type Network

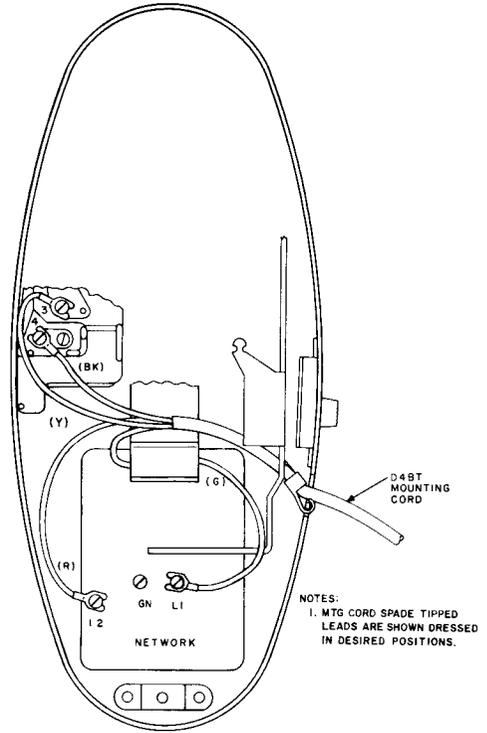


Fig. 4—Method of Terminating D4BT Mounting Cord on Sets with 4228-Type Network