

SERVICE 1702B TELEPHONE SETS

1. GENERAL

1.01 Reissued to:

- Add Tables B and C
- Add Fig. 3

TABLE A

**POLARITY GUARD CONNECTIONS
(D-180229 KIT OF PARTS)**

LEAD	COLOR	REMOVE FROM NET.	CONNECT TO	
			NETWORK	TERM. BOARD*
Dial	(BK)	RR		3
Line Switch	(BR) [S-BR]	C		4
Polarity Guard	(R) (BK) (G) (W)		RR C	3 4

* Component of polarity guard assembly.

() Current color code.

[] MD color code.

Note: Install polarity guard assembly only when specified by local instructions for end-to-end signaling.

◆ TABLE B ◆

LINE RINGER CONNECTIONS
1702B TELEPHONE SET WITH D5AK 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]	*	*	*	*	*

* Insulated and stored.

† Terminals on lamp terminal block.

‡ Factory-wired for bridged or ring party.

() Current color code.

[] MD color code.

- Note:**
- To silence ringer permanently before all classes of service, disconnect (R) ringer lead from K; insulate and store.
 - 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
1702B 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]	*	*	*	*	*

* Insulated and stored.

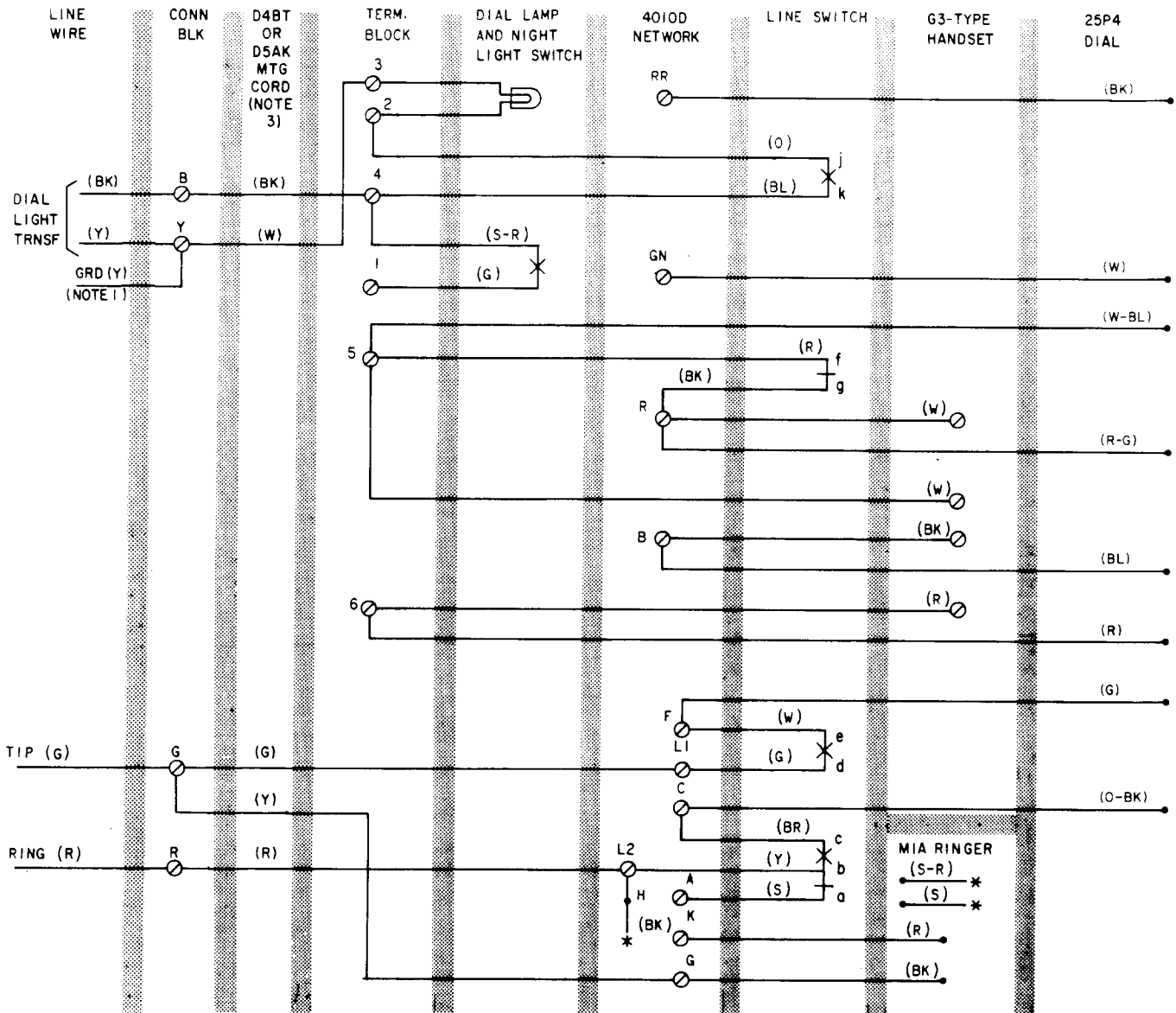
† Terminals on lamp terminal block.

() Current color code.

[] MD color code.

Note: To silence ringer permanently (for all classes of service), disconnect (R) ringer lead from K; insulate and store.

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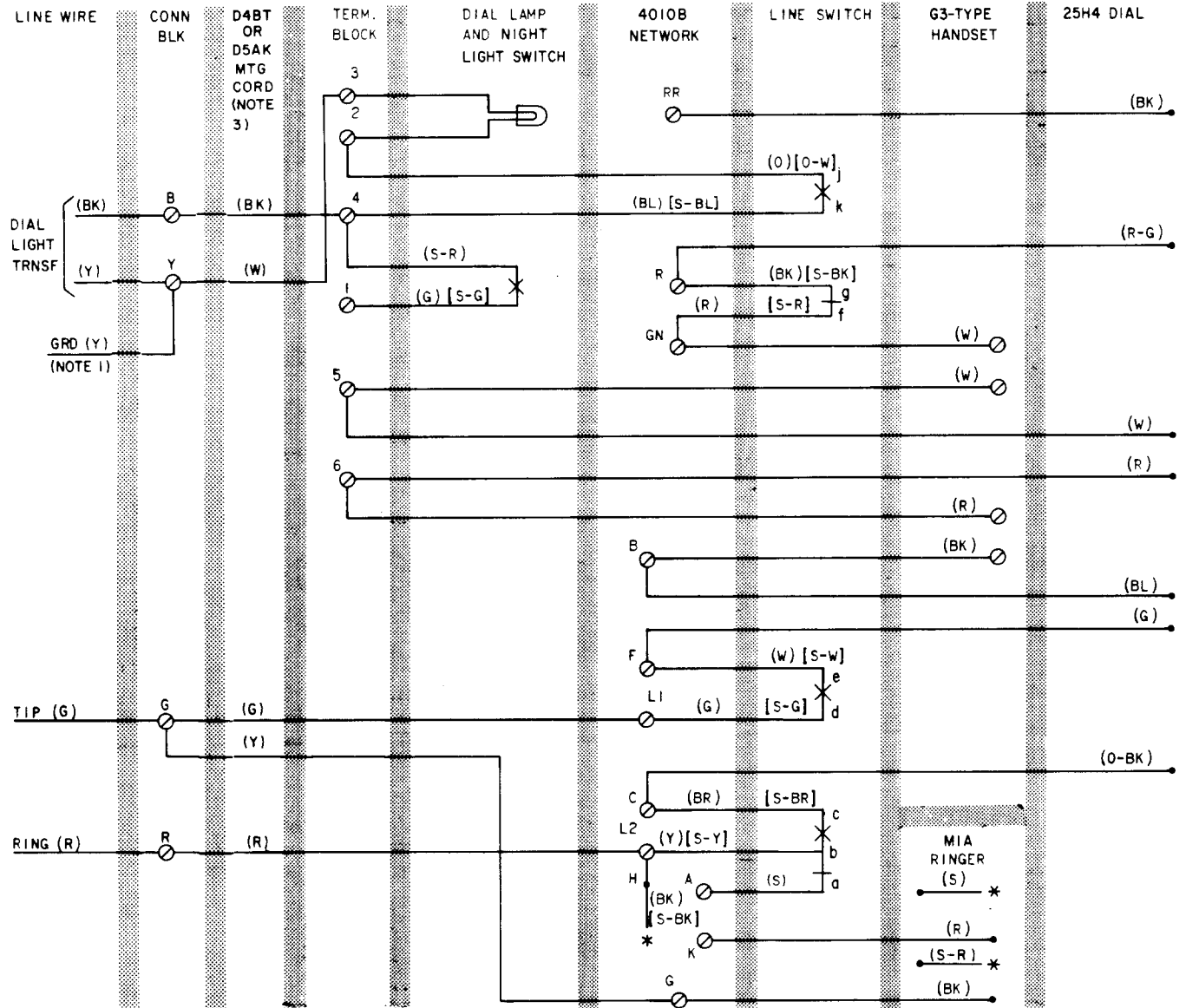


NOTES:

1. STATION GROUND SHALL BE PROVIDED FOR ALL INSTALLATIONS.
2. BRIDGED RINGING CONNECTIONS SHOWN. SEE TABLE B OR C FOR ALL CLASSES OF SERVICE.
3. CONNECTIONS SHOWN FOR D5AK MTG CORD. IF D4BT MTG CORD IS USED, REFER TO TABLE C.

bc- MAKE
 de MAKE
 ab BREAK
 fg BREAK
 jk MAKE

Fig. 1—1702B (MD) Telephone Set Connections Using 25P4 (MD) Dial and 4010D Network



- NOTES:
1. STATION GROUND SHALL BE PROVIDED FOR ALL INSTALLATIONS.
 2. BRIDGED RINGING CONNECTIONS SHOWN. SEE TABLE B OR C FOR ALL CLASSES OF SERVICE.
 3. CONNECTIONS SHOWN FOR D5AK MTG CORD. IF D4BT MTG CORD IS USED, REFER TO TABLE C.
- LINE SWITCH SEQUENCE:
- | | | |
|---------|----------|---------|
| bc-MAKE | ab-BREAK | jk-MAKE |
| de-MAKE | fg-BREAK | |

* INSULATED AND STORED
 () CURRENT COLOR CODE
 [] MD COLOR CODE

Fig. 2—1702B (MD) Telephone Set Connections Using 25H4 (MD) Dial and 4010B Network

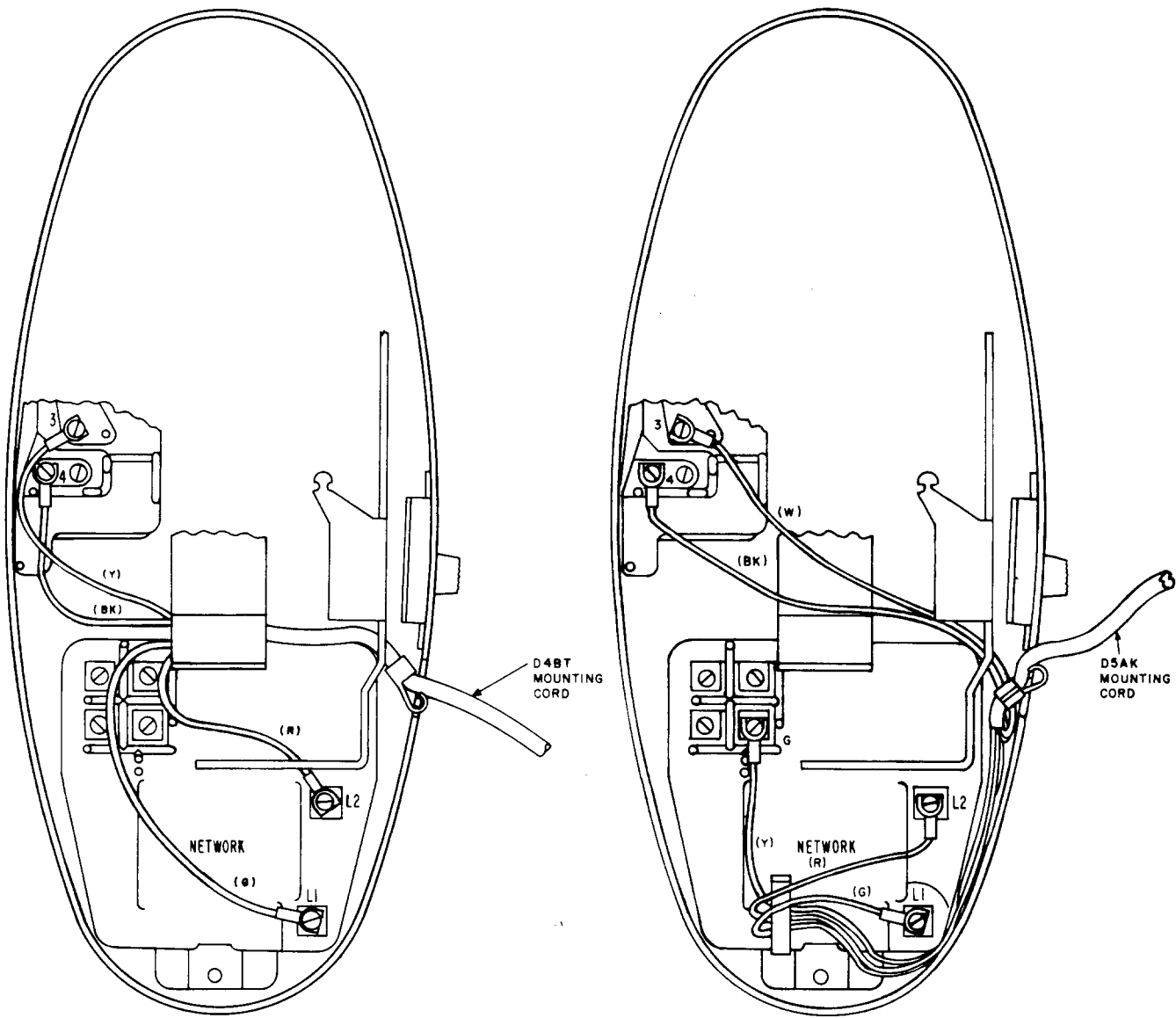


Fig. 3—Method of Terminating D4BT and Current Production D5AK Mounting Cords