

SERVICE

2500D AND 2500DM TELEPHONE SETS

1. GENERAL

1.01 Reissue to:

- Show 2500D telephone set MD
- Delete 11-type extender information
- Delete Table D
- Add 28A ringer isolator information
- Add 603A ringing extender information
- Add polarity guard information
- Revise Fig. 1, 2 and Tables A, C.

1.02 If 28A ringer isolator is used for ringing range extension or ringer isolation, refer to Section 501-375-101.

1.03 ♦If 4-party full selective or 8-party semiselective ringing is provided using the 425A electron tube, refer to Section 501-320-100.♦

1.04 ♦If the 603A ringing extender is required, refer to Section 501-380-102 for connections.♦

1.05 ♦If used for end-to-end signaling, add a polarity guard. Refer to Table B for connections and Section 502-503-101 for installation information.

NOTICE

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

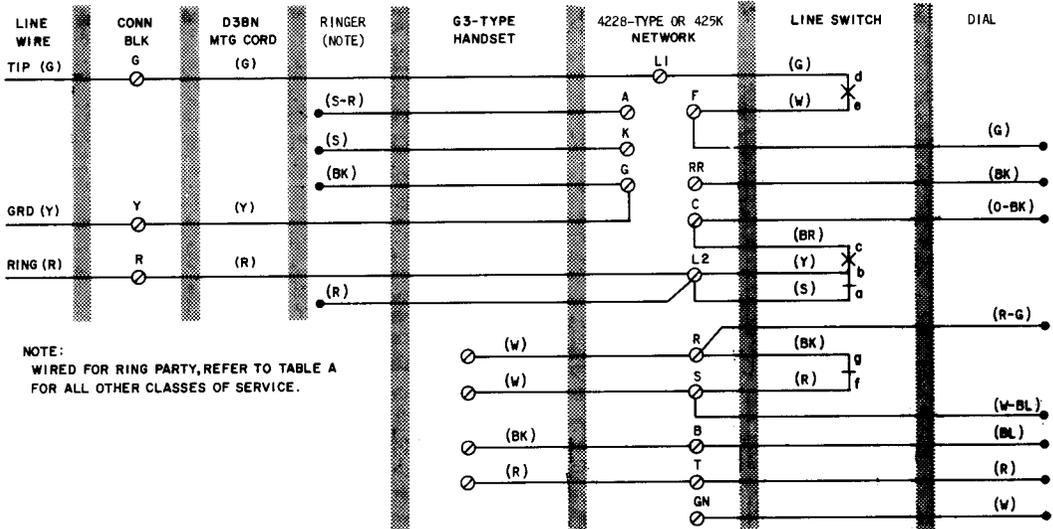
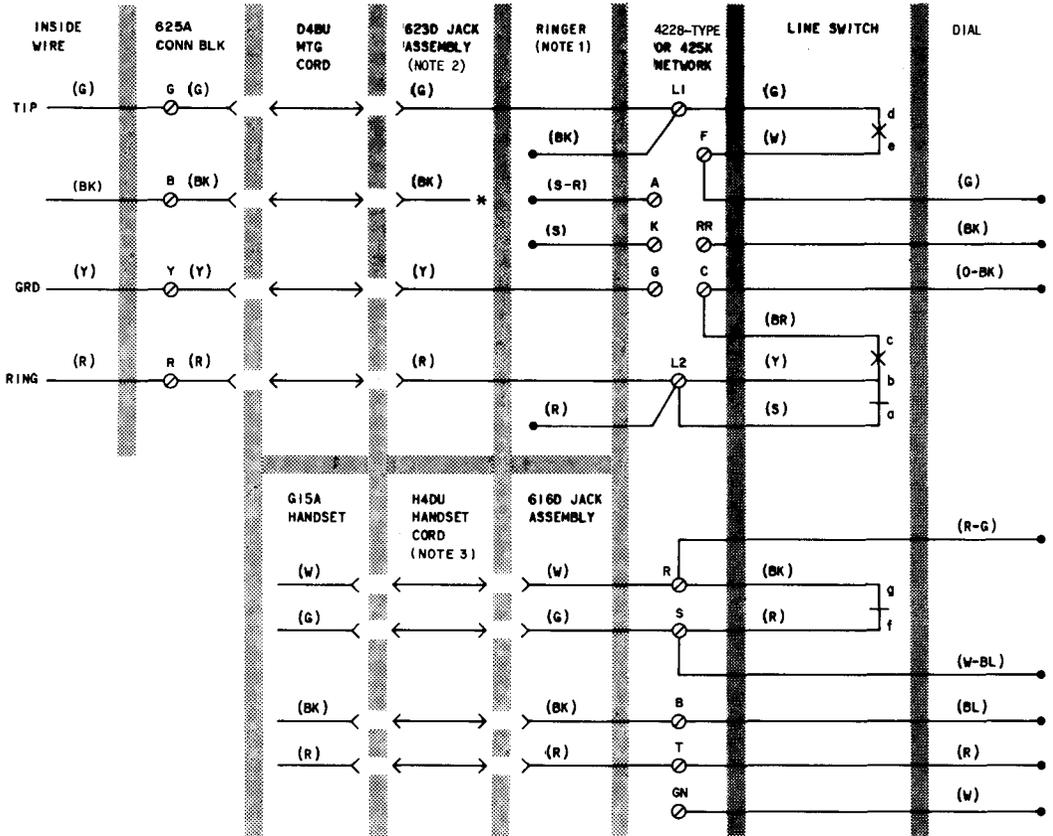


Fig. 1—2500D (MD) Telephone Set, Connections

TABLE A
2500D (MD) TELEPHONE SET
LINE AND RINGER CONNECTIONS

LEAD	COLOR	INDIVID. OR BRIDGED	RINGER PARTY	TIP PARTY		
				NO IDENT GROUND	IDENTIFYING GROUND	
					1000Ω	2650Ω
Mtg Cord at Conn Block	R G Y	R G G	R G Y	R G Y	G R Y	G R Y
Ringer Leads (Note)	R BK S S-R	L2 G K A	L2 G K A	L1 G K A	K G B B	B B K G
Line Switch	S W BR	L2 F C	L2 F C	L2 F C	A C F	A C F

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



NOTES:

1. SET FACTORY WIRED FOR INDIVIDUAL OR BRIDGED RINGING. SEE TABLE C FOR ALL CLASSES OF SERVICE.
2. (BK) LEAD ON 6230-TYPE JACK ASSEMBLY NOT PROVIDED ON FACTORY MANUFACTURED SETS.

* INSULATED AND STORED

3. MUST BE ORDERED SEPARATELY.

Fig. 2—2500DM Telephone Set, Connections

TABLE B

**POLARITY GUARD CONNECTIONS
819040528 (P-90D052) GUARD ASSEMBLY**

LEAD	COLOR	REMOVE FROM	CONNECT TO	
		NET.	NET.	POLARITY GUARD
Dial	BK	RR		T
Line Switch	*	C		S
Polarity Guard	G W		RR C	

*Depending on class of service per Table A or C.

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

◆ TABLE C ◆

**2500DM TELEPHONE SET
LINE AND RINGER CONNECTIONS**

LEAD	COLOR	INDIVID. OR BRIDGED	RING PARTY	TIP PARTY		
				NO IDENT. GROUND	IDENTIFYING GROUND	
					1000Ω	2650Ω
623D-Type Jack Assy in Set	R	L2	L2	L2	L1	L1
	G	L1	L1	L1	L2	L2
	Y	G	G	G	G	G
	BK†	*	*	*	*	*
Ringer Leads (Note)	R	L2	L2	L1	K	B
	BK	L1	G	G	G	B
	S	K	K	K	B	K
	S-R	A	A	A	B	G
Line Switch	S	L2	L2	L2	A	A
	W	F	F	F	C	C
	BR	C	C	C	F	F

* Insulate and store, if provided.

† (BK) lead of 623D-type jack assembly not provided on factory manufactured sets.

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