

SERVICE
2500D, 2500DM, AND 2500DMG TELEPHONE SETS
CONNECTIONS

1. GENERAL

1.01 This section contains information on the 2500D (MD), 2500DM, and 2500DMG telephone sets (Fig. 1, 2, 3 and Tables A, C).

1.02 Reissued to:

- Show 819040528 (P-90D052) guard assembly rated MD
- Add information on D-180896 Kit of Parts (polarity guard)
- Add information on 2500DMG telephone set
- Revise Fig. 2 and Tables A, B, C.

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

1.04 For 4-party full selective or 8-party semiselective ringing using the 425A electron tube, refer to Section 501-320-100.

1.05 If the 603A ringing extender is required, refer to Section 501-380-102.

1.06 When end-to-end signaling is provided, install a 2500DMG set or add the D-180896 Kit of Parts (polarity guard) to a 2500D or 2500DM set. Refer to Table B for polarity guard connection information and Section 502-503-101 for installation information.

NOTICE

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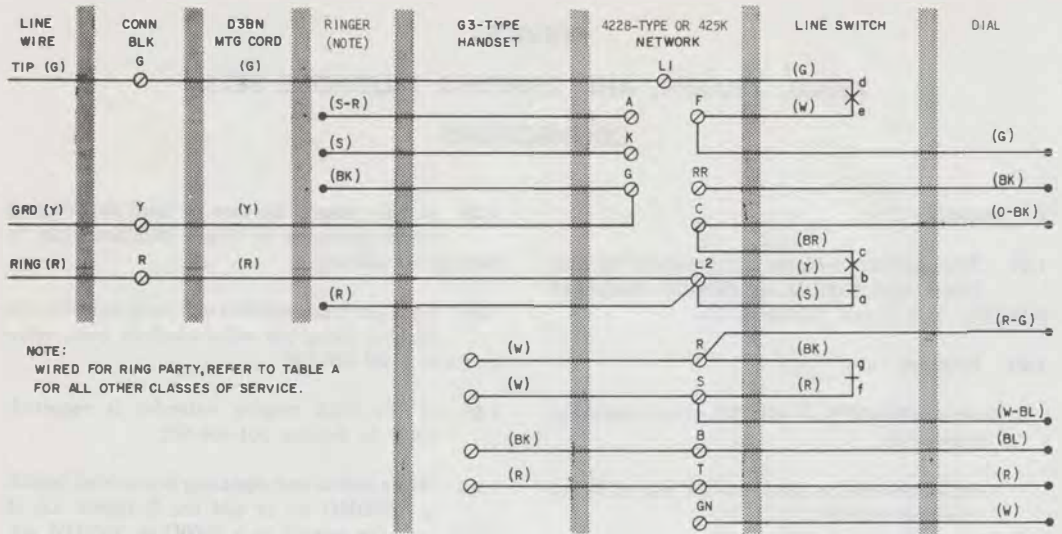


Fig. 1—2500D (MD) Telephone Set Connections

♦TABLE A♦

**2500D (MD) TELEPHONE SET
LINE AND RINGER CONNECTIONS**

LEAD	COLOR	INDIVID. OR BRIDGED	RING PARTY	TIP PARTY		
				NO IDENT GROUND	IDENTIFYING GROUND	
					1000Ω	2650Ω
Mtg Cord at Conn Block	R	R	R	R	G	G
	G	G	G	G	R	R
	Y	G	Y	Y	Y	Y
Ringer Leads (Note 1)	R	L2	L2	L1	K	B
	BK	G	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 BR (Note 2)	F C	F C	F C	C F	C F

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

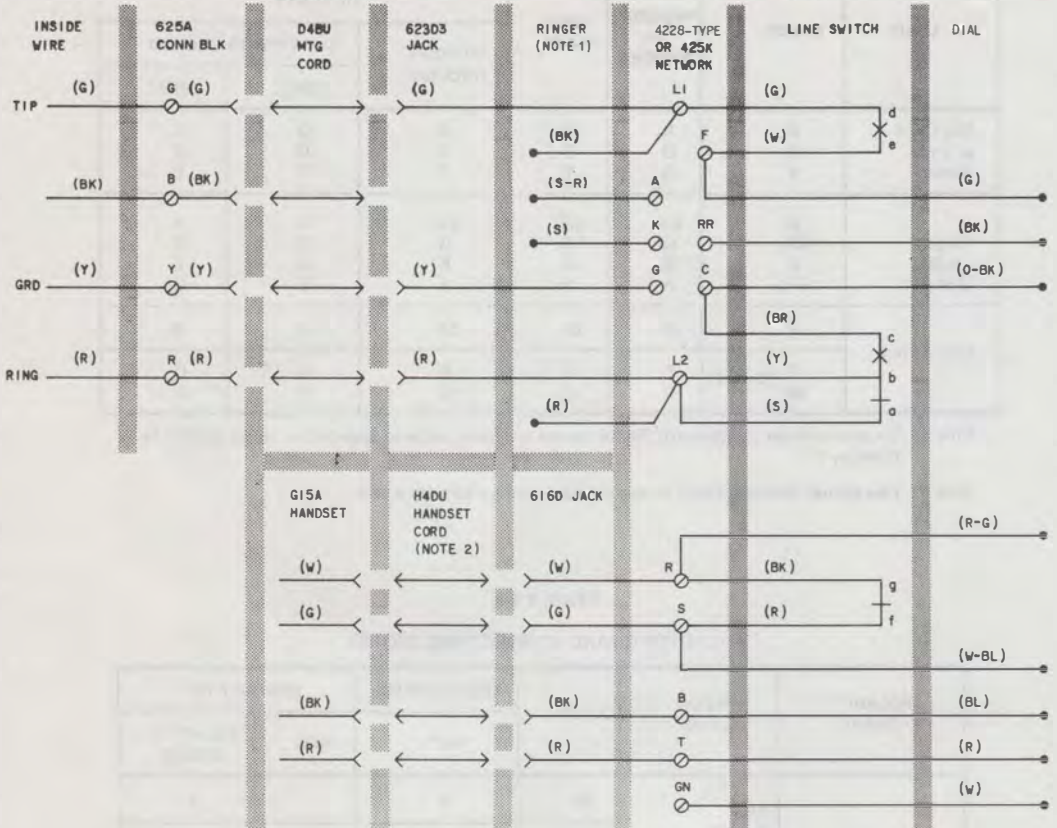
Note 2: This change does not apply to sets equipped with a polarity guard.

♦TABLE B♦

POLARITY GUARD CONNECTIONS (NOTE)

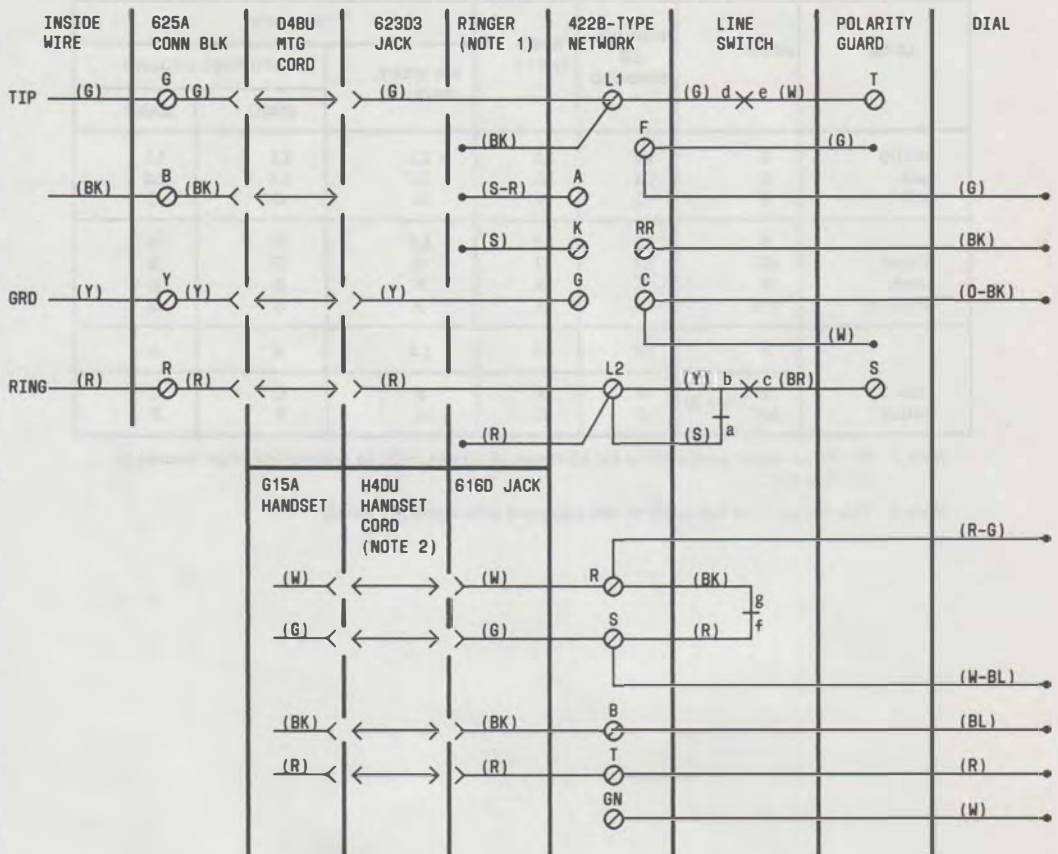
POLARITY GUARD	WIRE OR LEAD	COLOR	REMOVE FROM	CONNECT TO	
			NET.	NET.	POLARITY GUARD
D-180896 Kit of Parts	Line Switch	W	F		T
		BR	C		S
	Guard Assembly	G		F	
		W		C	
819040528 (P-90D052) (MD)	Dial	BK	RR		T
	Line Switch	BR	C		S
	Polarity Guard	G		RR	
		W		C	

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



- NOTES:
1. SET FACTORY WIRED FOR INDIVIDUAL OR BRIDGED RINGING. SEE TABLE C FOR ALL CLASSES OF SERVICE.
 2. MUST BE ORDERED SEPARATELY

Fig. 2—2500DM Telephone Set, Connections



NOTES:

1. SET FACTORY WIRED FOR INDIVIDUAL DR BRIDGED RINGING.
SEE TABLE C FOR ALL CLASSES OF SERVICE.
2. MUST BE ORDERED SEPARATELY

Fig. 3—2500DMG Telephone Set, Connections

♦TABLE C♦

2500DM AND 2500DMG TELEPHONE SET
LINE AND RINGER CONNECTIONS

LEAD	COLOR	INDIVID. OR BRIDGED	RING PARTY	TIP PARTY		
				NO IDENT. GROUND	IDENTIFYING GROUND	
					1000Ω	2650Ω
623D3 Jack in Set	R	L2	L2	L2	L1	L1
	G	L1	L1	L1	L2	L2
	Y	G	G	G	G	G
Ringer Leads (Note 1)	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 BR (Note 2)	F C	F C	F C	C F	C F

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

Note 2: This change does not apply to sets equipped with a polarity guard.