

SERVICE

2500M, 2500MM, AND 2500MMG TELEPHONE SETS

CONNECTIONS

1. GENERAL

1.01 This section contains information on the 2500M (MD), 2500MM, and 2500MMG telephone sets (Fig. 1, 2, and 3). These sets are factory-wired for A-lead control.

1.02 This section is being reissued to add information on the 2500MMG telephone set equipped with a 72-type dial. Revision arrows are used to emphasize the more significant changes.

2. CONNECTIONS

2.01 An optional common audible ringing feature is available with these sets. When this feature

is desired, two additional line conductors are required. Refer to Table A for connection information.

2.02 ♦When a polarity guard is required in the 2500M (MD) or 2500MM telephone set, install a D-180896 Kit of Parts as shown in Table B. This polarity guard kit is a direct replacement for the 819040528 (P-90D052) (MD) guard assembly.

2.03 The 2500MMG telephone set is furnished equipped with a 72-type dial which contains a polarity guard eliminating the possibility of improper operation due to line reversals.

2.04 Refer to Table C or D for modifications when replacing 35-type dial with a 72-type dial in the 2500MM telephone set.♦

TABLE A

**LINE AND RINGER CONNECTIONS
FOR COMMON AUDIBLE RING WITH 1A1 OR 1A2 KTS**

LINE WIRE LEAD DESIGNATION AT CONNECTING BLOCK (NOTE 1)						CONNECTIONS IN SET								
						6-CONDUCTOR MOUNTING CORD OR 6-CONDUCTOR JACK LEADS (NOTE 2)						C4B RINGER LEADS		
(G)	(R)	(BK)	(Y)	(BL)	(W)	(G)	(R)	(BK)	(Y)	(BL)	(W)	(BK)	(R)	
Tip	Ring	A	A1	B1	R1	F	A	L1	G	L2	*	L2	*	

Note 1: Sets are furnished wired for 1A1 or 1A2 KTS with bridged ringing.

Note 2: If set is equipped with a 4-conductor mounting cord (Fig. 1, 2, and 3) replace with a 6-conductor mounting cord.

*Use D-161488 connector to connect the (R) ringer lead to the (W) mounting cord or jack lead.

NOTICE

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

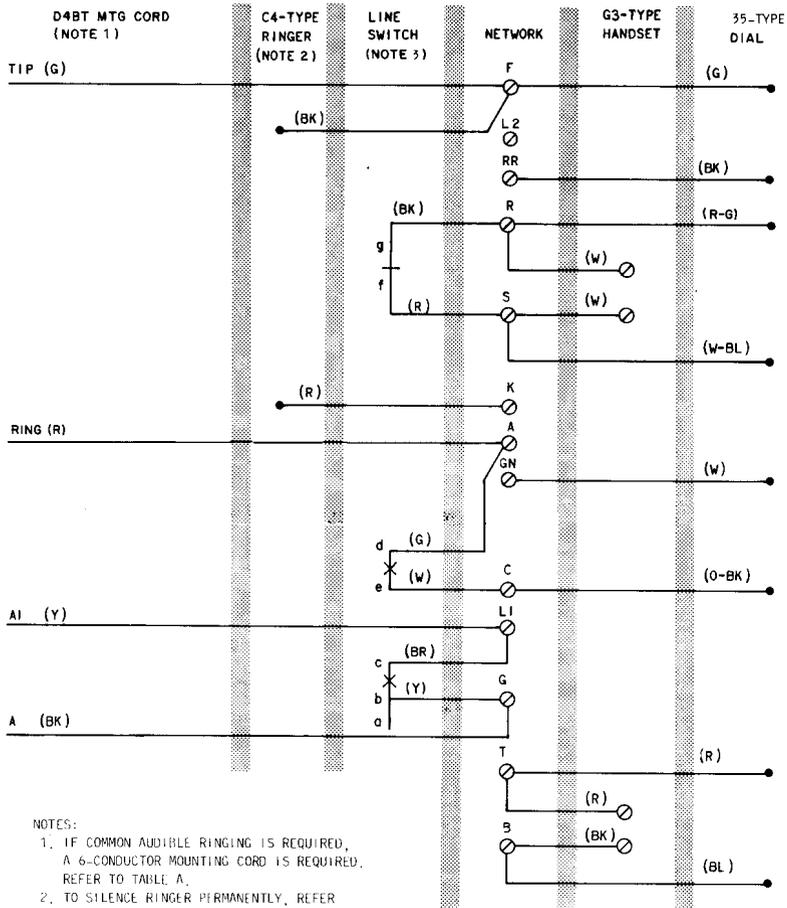


Fig. 1—2500M (MD) Telephone Set, Connections

♦ TABLE B ♦

POLARITY GUARD CONNECTIONS
[819040528 (P-90D052) (MD) GUARD ASSEMBLY OR
D-180896 KIT OF PARTS POLARITY GUARD, SEE NOTE]

LEAD	COLOR	REMOVE FROM NET.	CONNECT TO	
			POLARITY GUARD	NET.
Line Switch	W	C	S	
D4BT Mtg Cord or 623-Type Jack	G	F	T	
Ringer	BK			
Polarity Guard	W			C
	G			F

Note: For use only with 35-type dial when specified by local instructions for end-to-end signaling installations.

♦ TABLE C ♦

MODIFICATION TO REPLACE 35-TYPE DIAL WITH 72-TYPE DIAL IN 2500MM TELEPHONE SET

WIRE OR LEAD	COLOR	REMOVE FROM NETWORK (35-TYPE DIAL)	CONNECT TO NETWORK (72-TYPE DIAL)
Dial	G	F	F
	BK	RR	RR
	R-G	R	R
	R	T	T
	W-BL	S	S
	W	GN	GN
	O-BK	C	C
	BL	B	B
Line Switch	W	C	D*
616D Jack (Handset)	R	T	R
	BK	B	T

*72-type dial terminal.

TABLE D

MODIFICATION TO REPLACE 35-TYPE DIAL AND
POLARITY GUARD WITH 72-TYPE DIAL IN
2500MM TELEPHONE SET

WIRE OR LEAD	COLOR	REMOVE FROM NETWORK (35-TYPE DIAL)	CONNECT TO NETWORK (72-TYPE DIAL)
Dial	G	F	F
	BK	RR	RR
	R-G	R	R
	R	T	T
	W-BL	S	S
	W	GN	GN
	O-BK	C	C
BL	B	B	
623D6 Jack	G	T†	F
Ringer	BK	T†	F
Line Switch	W	S†	D‡
616D Jack	R	T	R
	BK	B	T
Polarity Guard*	G	F	—
	W	C	—

*Polarity guard should be removed from telephone set.

†Polarity guard terminal.

‡72-type dial terminal.

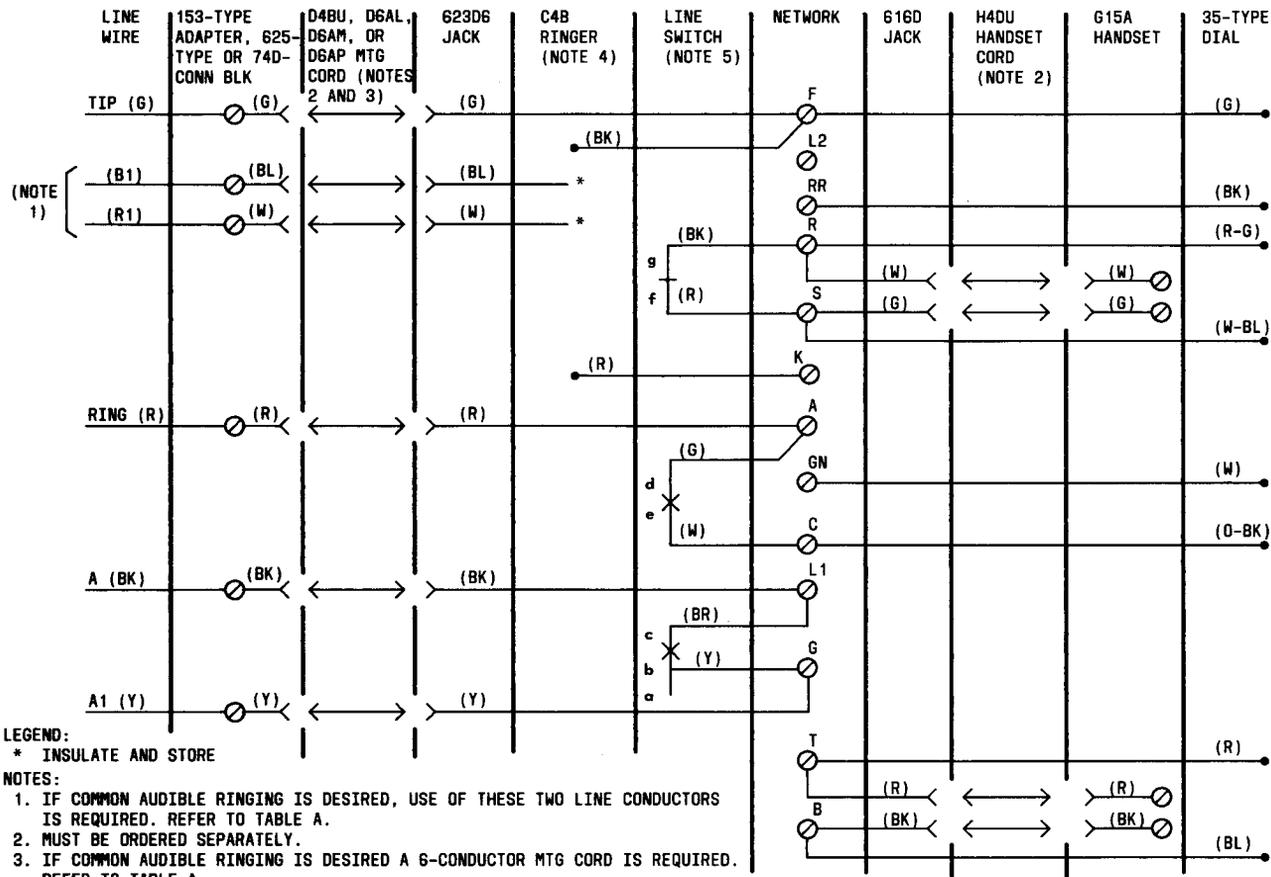


Fig. 2—2500MM Telephone Set, Connections

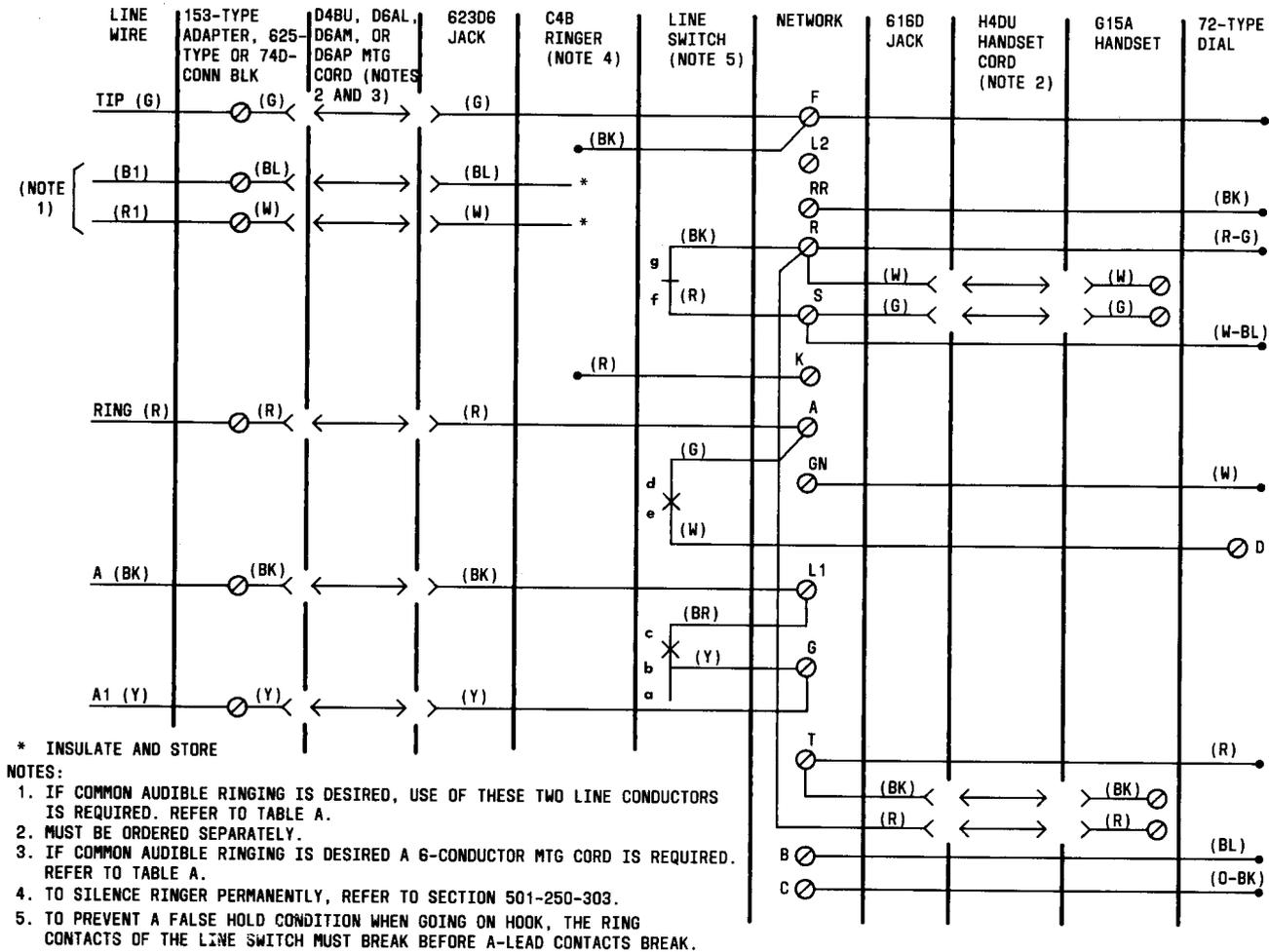


Fig. 3—2500MMG Telephone Set, Connections