

## TELEPHONE SETS — 1750-TYPE CONNECTIONS

### 1. GENERAL

1.01 This section is reissued to:

- Add Fig. 2
- Add connections for 1A1 or 1A2 key telephone system
- Add polarity guard connections
- Change ringer connections for ring and tip parties without identifying ground in Table C

Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.

### 2. CONNECTION INDEX

Table A — Modifications for Use With 1A1 or 1A2 KTS

Table B — Polarity Guard Connections (P-90D060 Guard Assembly)

Table C — Line and Ringer Connections

Fig. 1 — 1750-Type Telephone Set Connections With 25A3 Dial

Fig. 2 — 1750-Type Telephone Set Connections With 25W3 Dial

**TABLE A**

**MODIFICATIONS FOR USE WITH 1A1 OR 1A2 KTS**

LEAD		FROM	TO
Line Switch	(Y) S-Y	R*	Y*
	(BR) S-BR	C	BK*
	(G) S-G	GN*	R*
	(W) S-S	F	C
M1W Cord or Equiv.			GN* to F
Line Wire	Y		3†
	BK		4†

\* Terminal on P-44E055 mounting block

† Terminal on 71A connecting block

**TABLE B**

**POLARITY GUARD CONNECTIONS  
(P-90D060 GUARD ASSEMBLY)**

LEAD		FROM	TO
Line Switch (Note)	(BR) S-BR	C	S*
Dial	BK	RR	T*
Polarity Guard	G		RR
	W		C

\* Terminal on polarity guard

*Note:* When connected for 1A1 or 1A2 KTS per table A, move (W)|S-S| from C to S.

**TABLE C**  
**LINE AND RINGER CONNECTIONS**

WIRE OR LEAD			INDIVIDUAL OR BRIDGED (NOTE 1)	RING PARTY	TIP PARTY	TIP PARTY WITH IDENT GRD			
						NORMAL CONNECTIONS		RINGER REVERSAL (NOTE 2)	
						1000 OHMS	2650 OHMS	1000 OHMS	2650 OHMS
Incoming Line at 71A Connecting Block	Tip	G	1	1	1	2	2	2	2
	Ring	R	2	2	2	1	1	1	1
	GRD	Y	3	3	3	3	3	3	3
Ringer Leads (Note 3)		R	R	R	GN	L1	B	2	Y
		BK	1	1	1	Y	L1	1	1
		S	K	K	K	B	K	Y	L1
		S-R	2	2	2	2	2	L1	2
Switch Hook Leads		S	R	R	R	A	A	A	A
		(W) [S-S]	F	F	F	C	C	C	C
		(BR) [S-BR]	C	C	C	F	F	F	F
Strap Connections		BK	GN to 1	1 to Y	1 to Y			1 to B	1 to K
		S-R	A to 2	A to 2	A to 2	B to 2	Y to 2	B to 2	2 to B
		W				L1 to K	L1 to B	L1 to K	L1 to B

**Note 1:** Set is factory wired for individual or bridged service.

**Note 2:** Use normal connections for tip party identification. If bell taps on station connected to long line equipment, reverse ringer leads as shown in this column to retain tip party identification.

**Note 3:** To silence ringer permanently when connected for:

- Individual, ring party, and tip party without identifying ground — remove (S-R) strap from A of network and connect to 2 of TB1.
- 1000  $\Omega$  or 2650  $\Omega$  GRD — remove (S) switch hook lead from A of network and insulate and store.

( ) Indicates current color code.

[ ] Indicates MD color code.

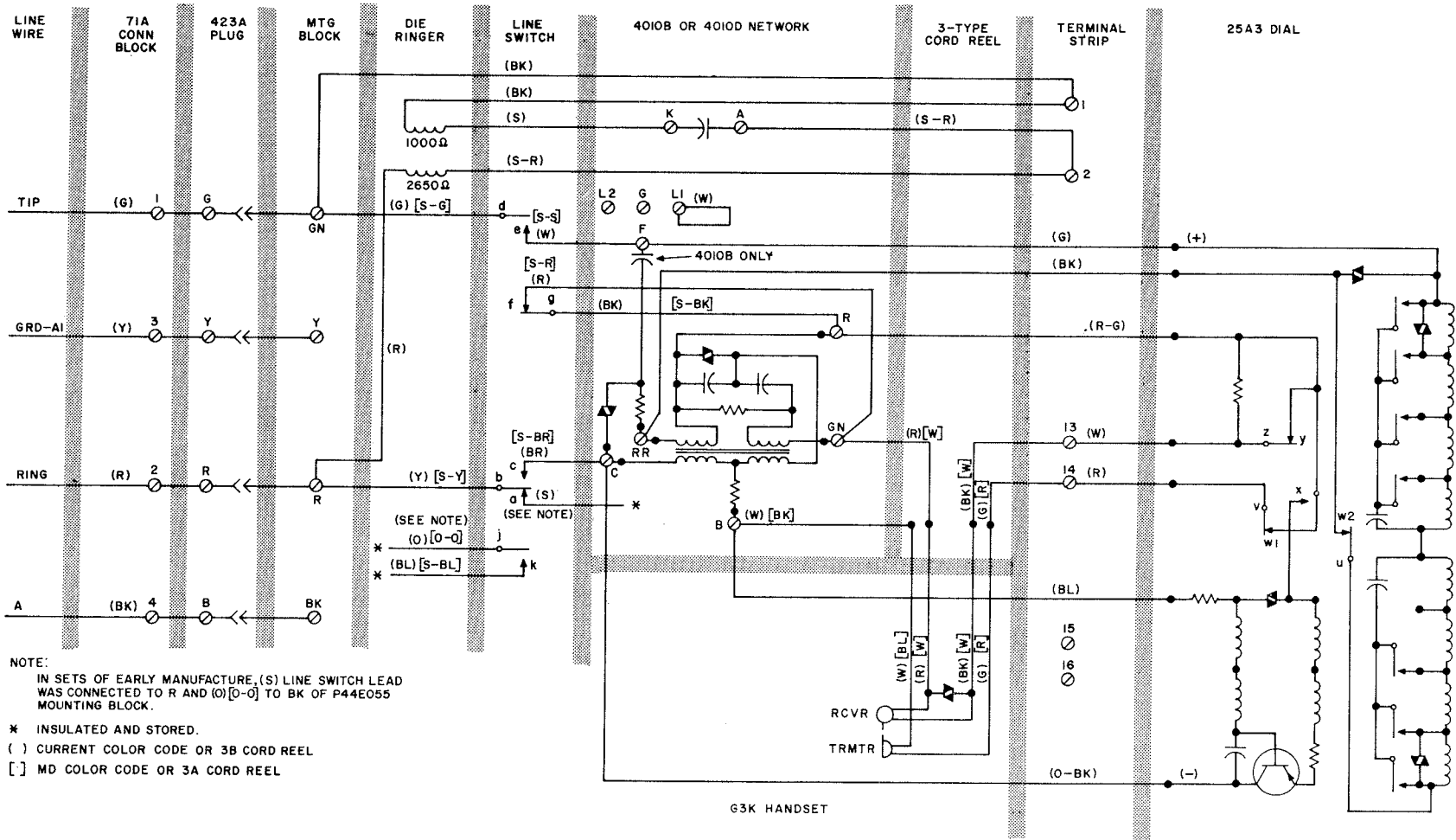


Fig. 1 — 1750-Type Telephone Set Connections With 25A3 Dial

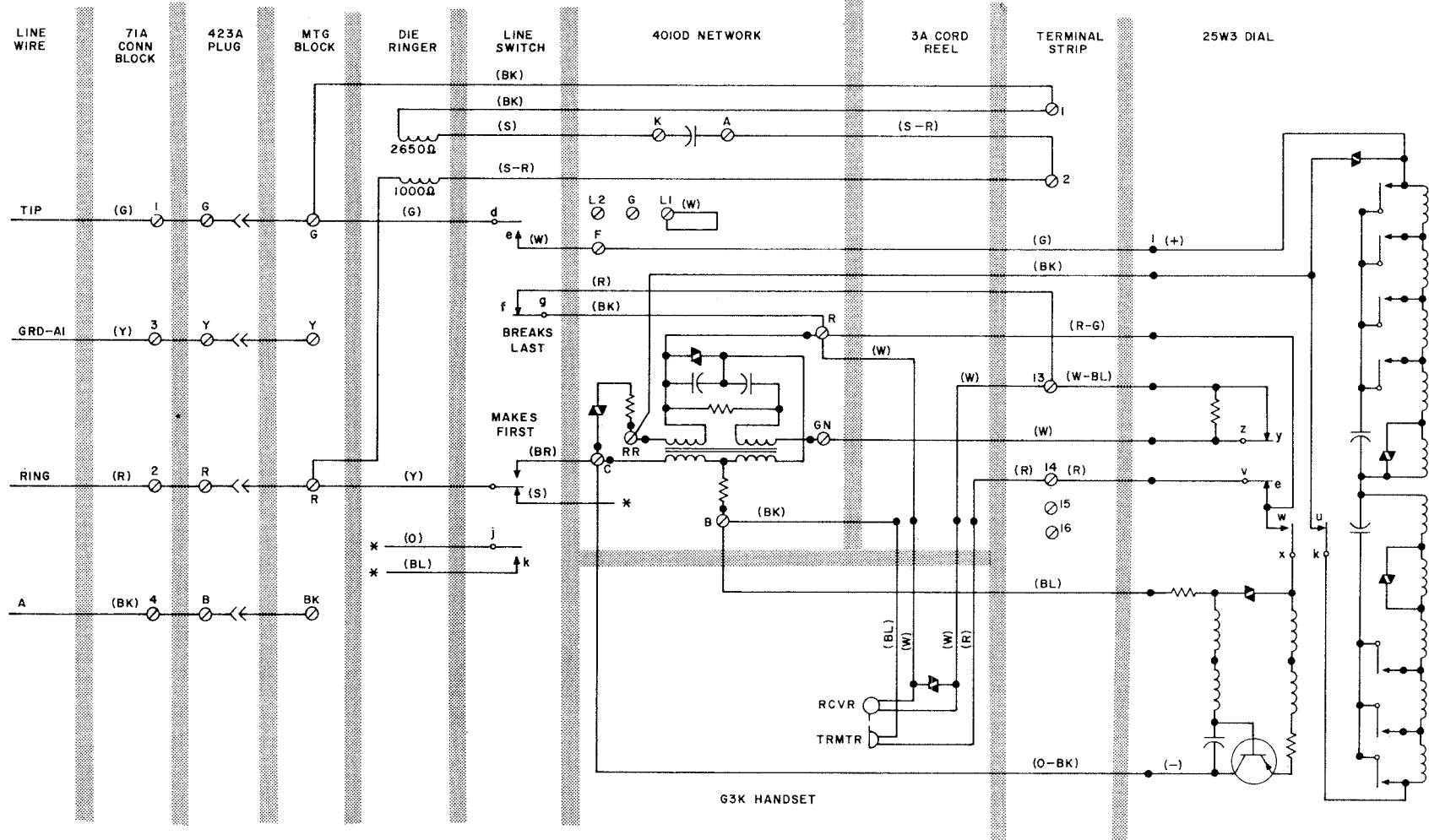


Fig. 2 — 1750-Type Telephone Set Connections With 25W3 Dial