

CONNECTIONS

2. CONNECTIONS



*Exercise caution to prevent damage to line switch when drilling and placing upper left hand telephone set mounting screw.*

(a) The 1554B telephone set is furnished wired for individual or bridged service. For other classes of service use line and ringer connections shown in Table A.

(b) To silence ringer permanently:

(1) For all classes of service other than tip party with identifying ground, remove, insulate, and store the (BK) ringer lead.

(2) For tip party with 1000 or 2650 ohm identifying ground, remove, insulate, and store (R) ringer lead.

TABLE B  
POLARITY GUARD CONNECTIONS  
(P-90D053 GUARD ASSEMBLY)

LEAD		DISCONNECT FROM		CONNECT TO	
		NETWORK	NETWORK	POLARITY GUARD	
Dial	BK	RR			T
Line Switch	BR	C			S
Polarity Guard	G W		RR C		

TABLE C  
MODIFICATIONS FOR 1A1 OR 1A2 KTS

WIRE OR LEAD		DISCONNECT FROM	CONNECT TO
Line Switch	S	A	*
	Y	2	L2
	BR	C	3
	BL†	L2	C
	O†	L2	2
Add M1W cord or equipment		2 2†	A C†

\* Insulated and stored.

† Connect as shown if provided, otherwise add M1W cord.

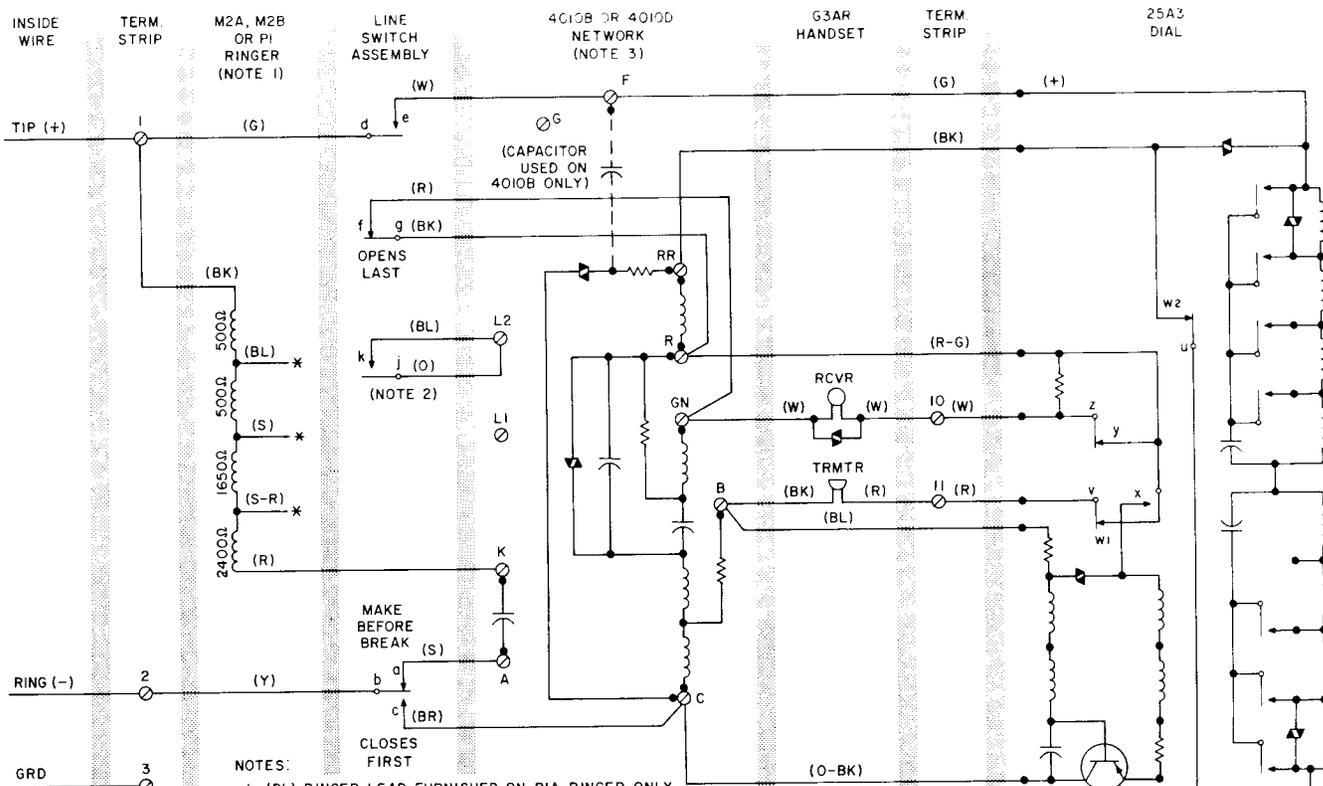
TABLE A  
LINE AND RINGER CONNECTIONS

WIRE OR LEAD		INDIVID OR BRIDGED	RING PARTY	TIP PARTY		
				NO IDENT. GROUND	IDENTIFYING GROUND	
					1000Ω	2650Ω
Line Wire	G	1	1	2	2	2
	R	2	2	1	1	1
	Y	3	3	3	3	3
Ringer Leads (Note)	R	K	K	K	K	K
	BK	1	3	3	3	3
	S	*	*	*	B	*
	S-R	*	*	*	*	B
	BL	*	*	*	*	*
Line Switch	W	F†	F†	C	C	C
	BR	C	C	F†	F†	F†

\* Insulated and stored.

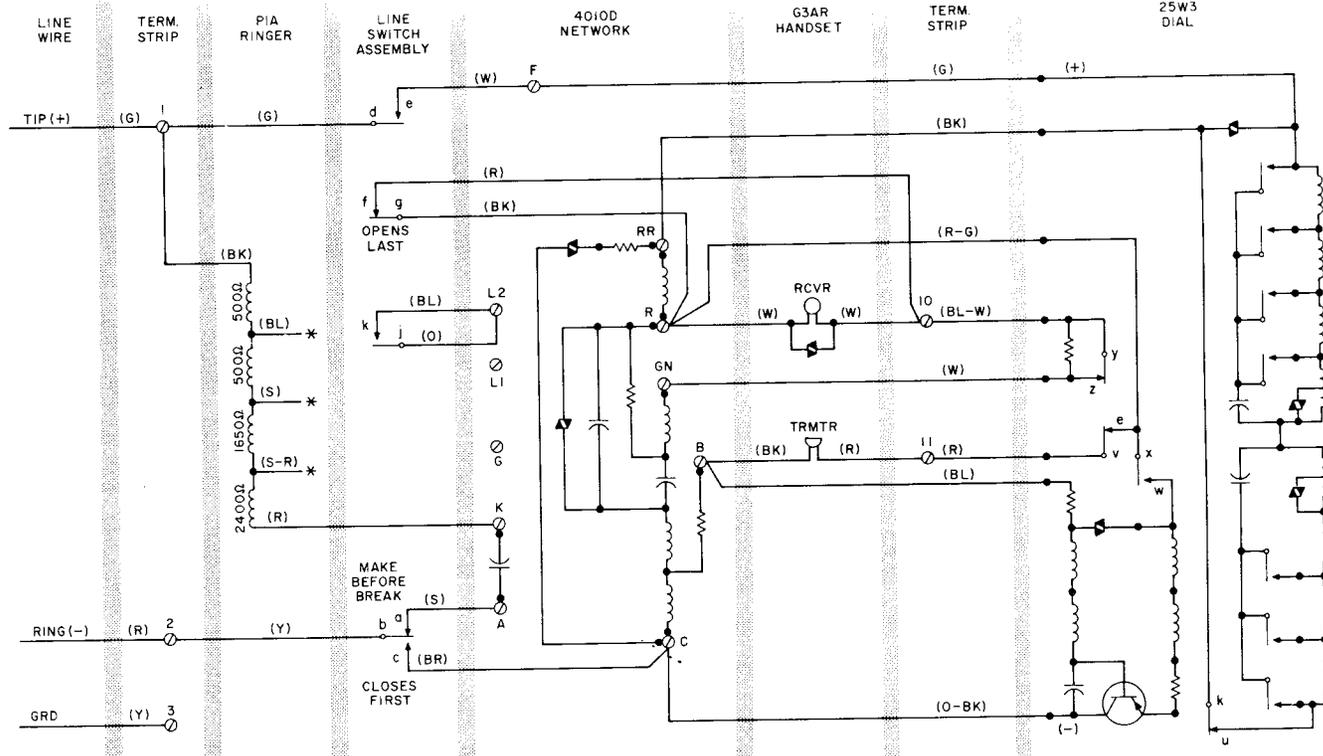
† May be terminal G in older sets.

**Note:** (S) ringer lead may appear on terminal L2 in sets manufactured from February 1964 to August 1964.



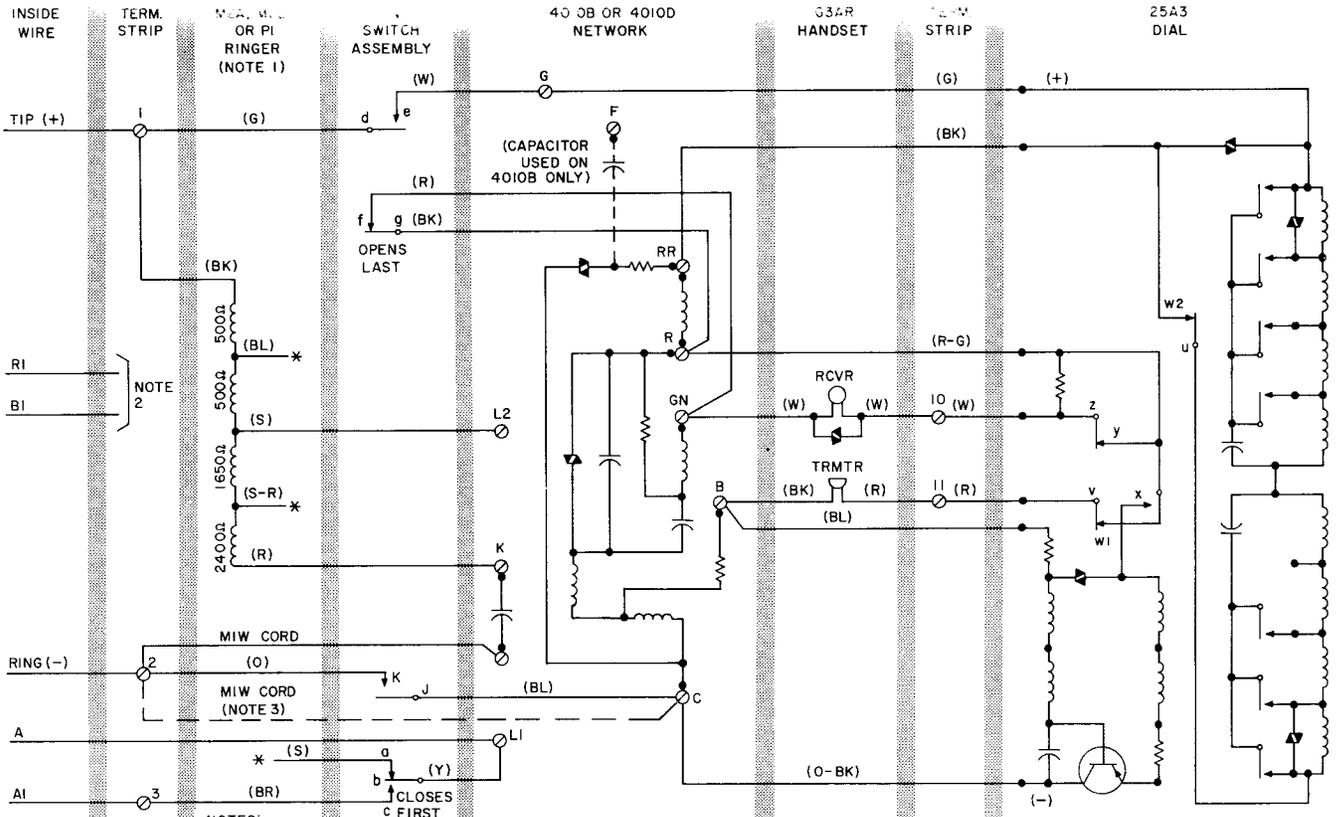
- NOTES:
- (BL) RINGER LEAD FURNISHED ON PIA RINGER. (S) LEAD MAY APPEAR ON TERMINAL L2 IN SOME SETS.
  - (BL) AND (O) LEADS MAY NOT EXIST ON SOME LINE SWITCHES. IN ADDITION, IN SOME SETS THEY MAY APPEAR ON L1 OF THE NETWORK.
  - (W) LINE SWITCH AND (G) DIAL LEADS MAY APPEAR ON G IN SOME SETS.
- \* INSULATED AND STORED.

Fig. 1 — 1554B Telephone Set Connections, With 25A3 Dial



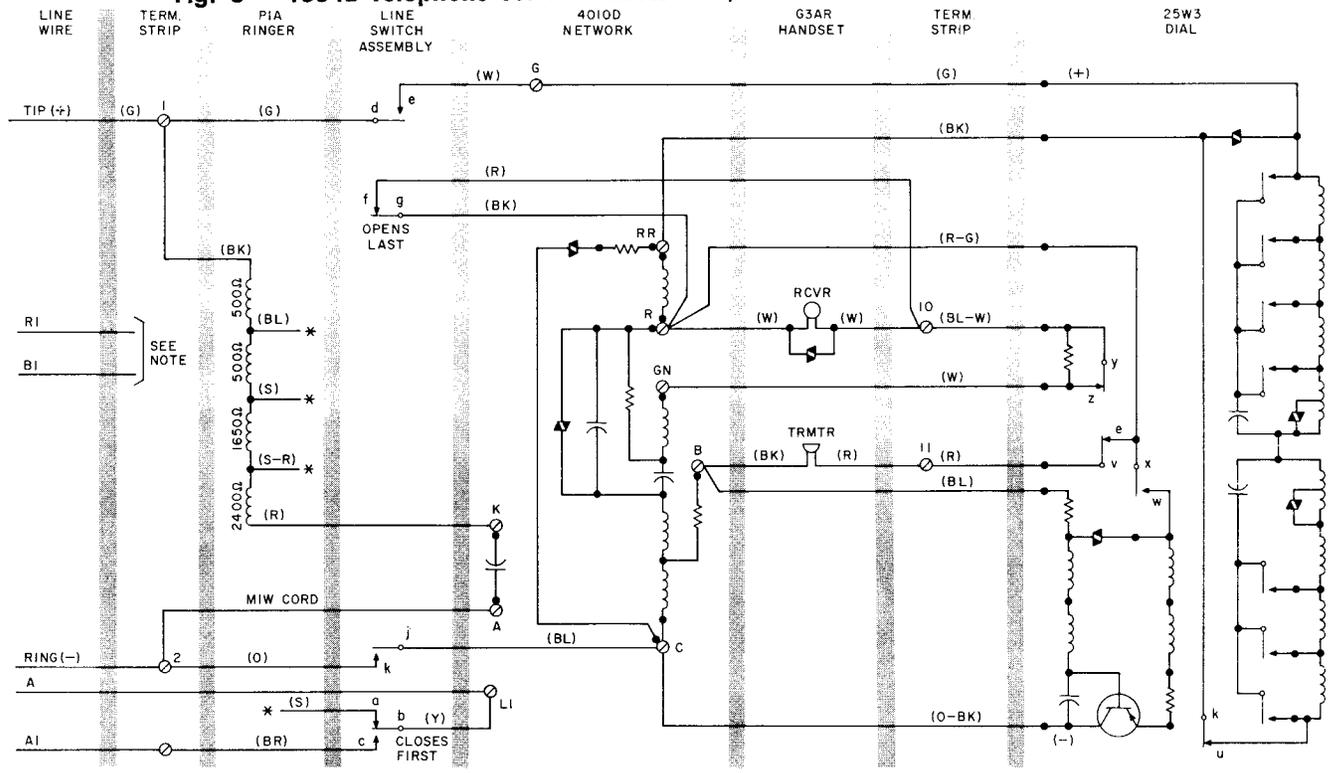
\* INSULATED AND STORED

Fig. 2 — 1554B Telephone Set Connections, With 25W3 Dial



- NOTES:
- (BL) RINGER LEAD FURNISHED ON PIA RINGER ONLY.  
(S) LEAD MAY BE INSULATED AND STORED IN SOME SETS.
  - FOR COMMON AUDIBLE WITH 1A1 OR 1A2 KTS, DISCONNECT, INSULATE AND STORE (S) RINGER LEAD. CONNECT BI AND (BK) RINGER LEAD TO L2 AND R1 TO K. MIW CORD NOT REQUIRED.
  - CONNECT SETS EQUIPPED WITH (O) AND (BK) LINE SWITCH LEADS AS SHOWN, OTHERWISE ADD MIW CORD.  
\* INSULATED AND STORED.

Fig. 3 — 1554B Telephone Set With 25A3 Dial, Wired for 1A1 or 1A2 KTS



- NOTE:
- FOR COMMON AUDIBLE WITH 1A1 OR 1A2 KTS, CONNECT BI AND (BK) RINGER LEAD TO L2 AND R1 LEAD TO K. MIW CORD NOT REQUIRED.
- \* INSULATED AND STORED

Fig. 4 — 1554B Telephone Set With 25W3 Dial, Wired for 1A1 or 1A2 KTS