

## SERVICE

### 2554B TELEPHONE SETS

**1. GENERAL**

**1.01 Reissued to:**

- Revise Fig. 1.
- Add Fig. 2 and Table C.

◆ **TABLE A** ◆  
**POLARITY GUARD CONNECTIONS**  
(See Notes 2 and 3)

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

**Notes:**

1. For use when specified by local instructions for end-to-end signaling installation.
2. D-180190 Guard Assembly is required for 2554B telephone sets with fixed installation basepans.
3. D-180547 Guard Assembly is required for 2554B telephone sets with plug-in option basepans.

SWITCHING BOARD (TYPICAL)  
(TYPICAL BOARD CONNECTIONS)

TYPICAL SET		TYPICAL BOARD		WIRE	WIRE
WIRE	WIRE	WIRE	WIRE		
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18

**TABLE B**  
**LINE AND RINGER CONNECTIONS FOR SETS EQUIPPED WITH 4010D NETWORK**

WIRE OR LEAD		COLOR	INDIV. OR BRIDGED	RING PARTY	TIP PARTY		
					NO IDENT. GROUND	IDENT. GRD.	
						1000Ω	2650Ω
Line Wire	Tip	G	1	1	2	2	2
	Ring	R	2	2	1	1	1
	Grd	Y		3	3	3	3
Ringer Leads		BK	1	3	3	3	3
		BL (Note 3)	*	*	*	*	*
		S	*	*	*	B	*
		S-R	*	*	*	*	B
		R	K	K	K	K	K
Line Switch		W	F	F	C	C	C
		S	A	A	A	A	A
		BR	C	C	F	F	F

\*Insulate and store.

**Notes:** To silence ringer permanently:

1. For all classes except identification ground insulate and store (BK) ringer lead.
2. For tip party with 1000 ohm or 2650 ohm identification ground remove the (R) ringer lead at K of the network, insulate and store.
3. (BL) lead has been removed from later model ringers.

♦ TABLE C ♦

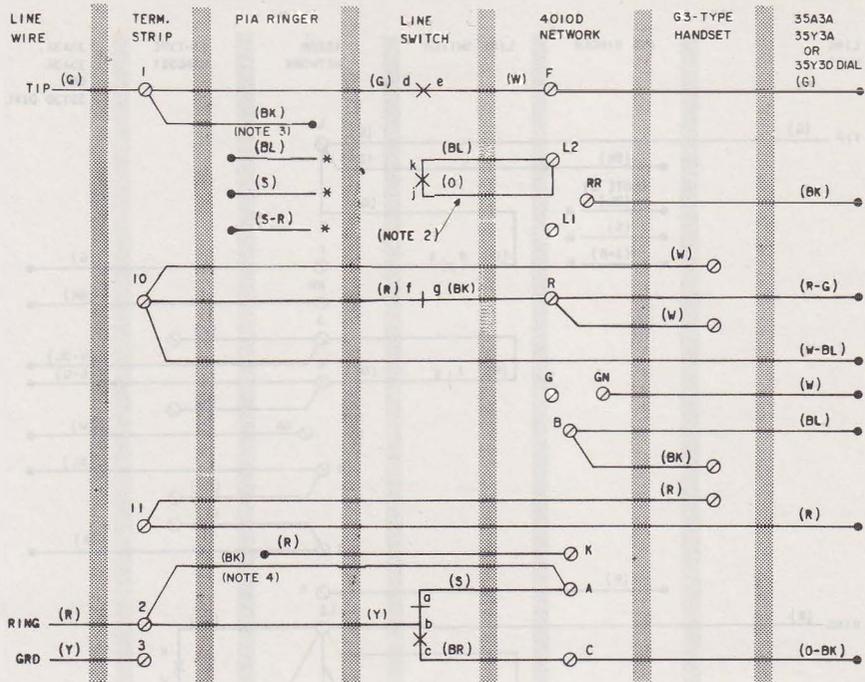
## LINE AND RINGER CONNECTIONS FOR SETS EQUIPPED WITH 4228K NETWORK

WIRE OR LEAD		COLOR	INDIV. OR BRIDGED	RING PARTY	TIP PARTY		
					NO IDENT. GROUND	IDENT. GRD.	
						1000Ω	2650Ω
Line Wire	Tip	G	L1	L1	L2	L2	L2
	Ring	R	L2	L2	L1	L1	L1
	Grd	Y		G	G	G	G
Ringer Leads	BK		L1	G	G	G	G
	BL (Note 3)		*	*	*	*	*
	S		*	*	*	B	*
	S-R		*	*	*	*	B
	R		K	K	K	K	K
Line Switch	W		F	F	C	C	C
	S		A	A	A	A	A
	BR		C	C	F	F	F

\* Insulate and store.

Notes: To silence ringer permanently:

1. For all classes except identification ground insulate and store (BK) ringer lead.
2. For tip party with 1000 ohm or 2650 ohm identification ground remove the (R) ringer lead at K of the network, insulate and store.
3. (BL) lead has been removed from later model ringers.



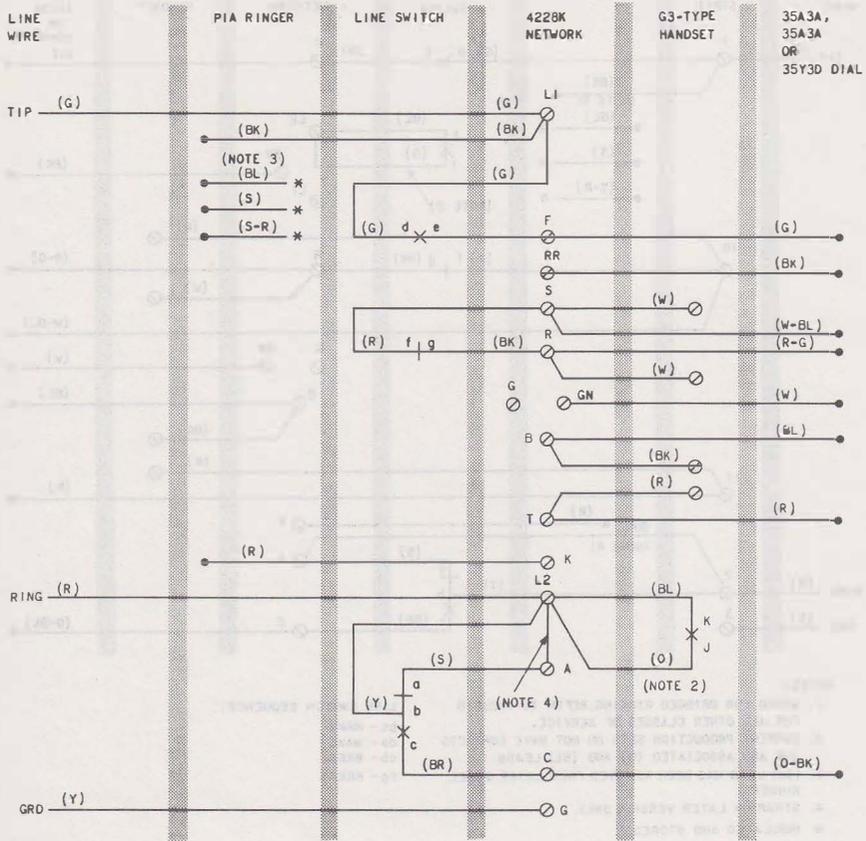
NOTES:

1. WIRED FOR BRIDGED RINGING, REFER TO TABLE B FOR ALL OTHER CLASSES OF SERVICE.
  2. CURRENT PRODUCTION SETS DO NOT HAVE CONTACTS J-K AND ASSOCIATED (O) AND (BL) LEADS.
  3. (BL) LEAD HAS BEEN REMOVED FROM LATER MODEL RINGERS.
  4. STRAP ON LATER VERSION ONLY.
- \* INSULATED AND STORED.

LINE SWITCH SEQUENCE:

- bc - MAKE
- de - MAKE
- ab - BREAK
- fg - BREAK

Fig. 1—2554B Telephone Set Equipped with 4010D Network, Connections



- NOTES
1. WIRED FOR BRIDGED RINGING, REFER TO TABLE C FOR ALL OTHER CLASSES OF SERVICE.
  2. CURRENT PRODUCTION SETS DO NOT HAVE CONTACTS J-K AND ASSOCIATED (O) AND (BL) LEADS.
  3. (BL) LEAD HAS BEEN REMOVED FROM LATER MODEL RINGERS.
  4. (BK) STRAP ON LATER VERSION ONLY.
- \* INSULATED AND STORED.

LINE SWITCH SEQUENCE:

- bc-MAKE
- de-MAKE
- ab-BREAK
- fg-BREAK

Fig. 2—2554B Telephone Set Equipped with 4228K Network Connections