

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 CONNECTION)

| 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.

4

♦ TABLE C ♦

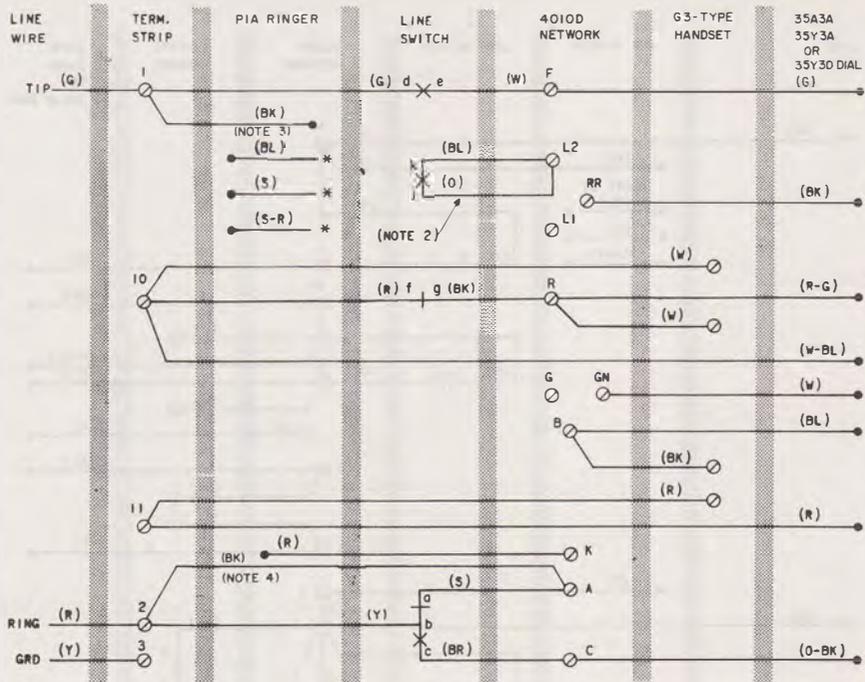
LINE AND RINGER CONNECTIONS FOR SETS EQUIPPED WITH 4228K NETWORK

| 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

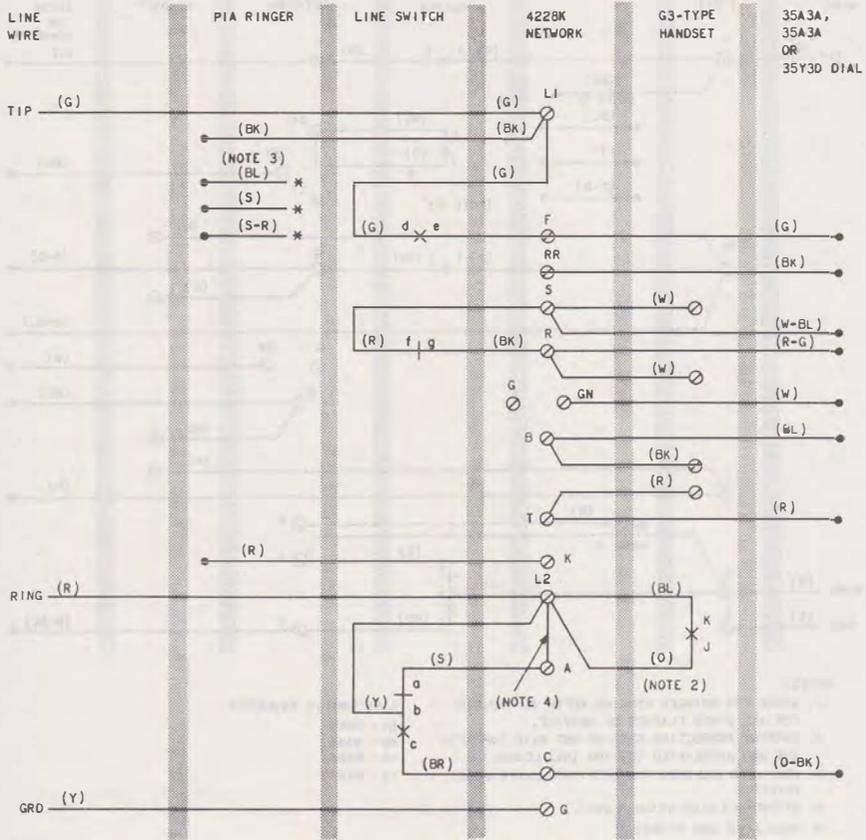


Fig. 2—2554B Telephone Set Equipped with 4228K Network Connections