

## SERVICE

### 2500S AND 2500SM TELEPHONE SETS

#### 1. GENERAL

- 1.01 Reissued to add 623D4 jack and D4BU mounting cord to 2500SM telephone set (Fig. 2).

TABLE A

**POLARITY GUARD CONNECTIONS**  
**[819040528 (P-90D052) GUARD ASSEMBLY]**

| LEAD           | COLOR     | REMOVE FROM NETWORK | CONNECT TO |                |
|----------------|-----------|---------------------|------------|----------------|
|                |           |                     | NETWORK    | POLARITY GUARD |
| Line Switch    | W         | C                   |            | S              |
| Dial           | G-W<br>BK | C<br>RR             |            | S<br>T         |
| Polarity Guard | W<br>G    |                     | C<br>RR    |                |

*Note:* For use when specified by local instructions for end-to-end signaling installation.

#### NOTICE

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

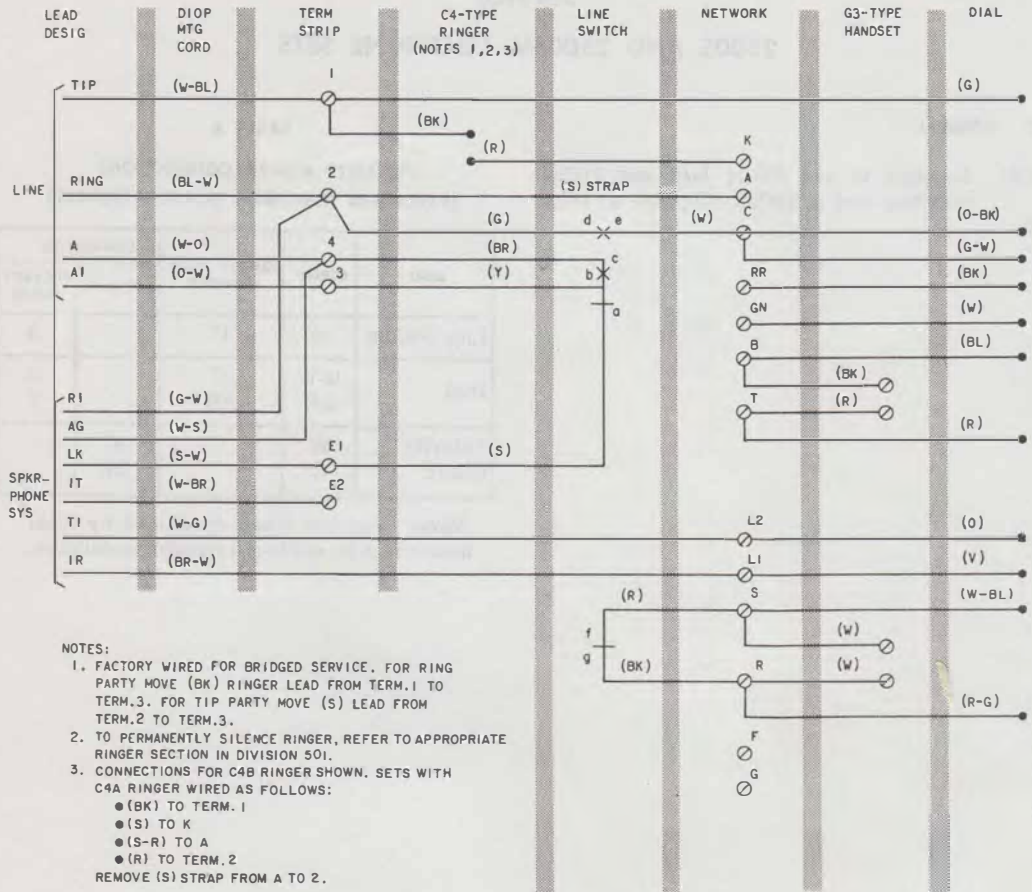
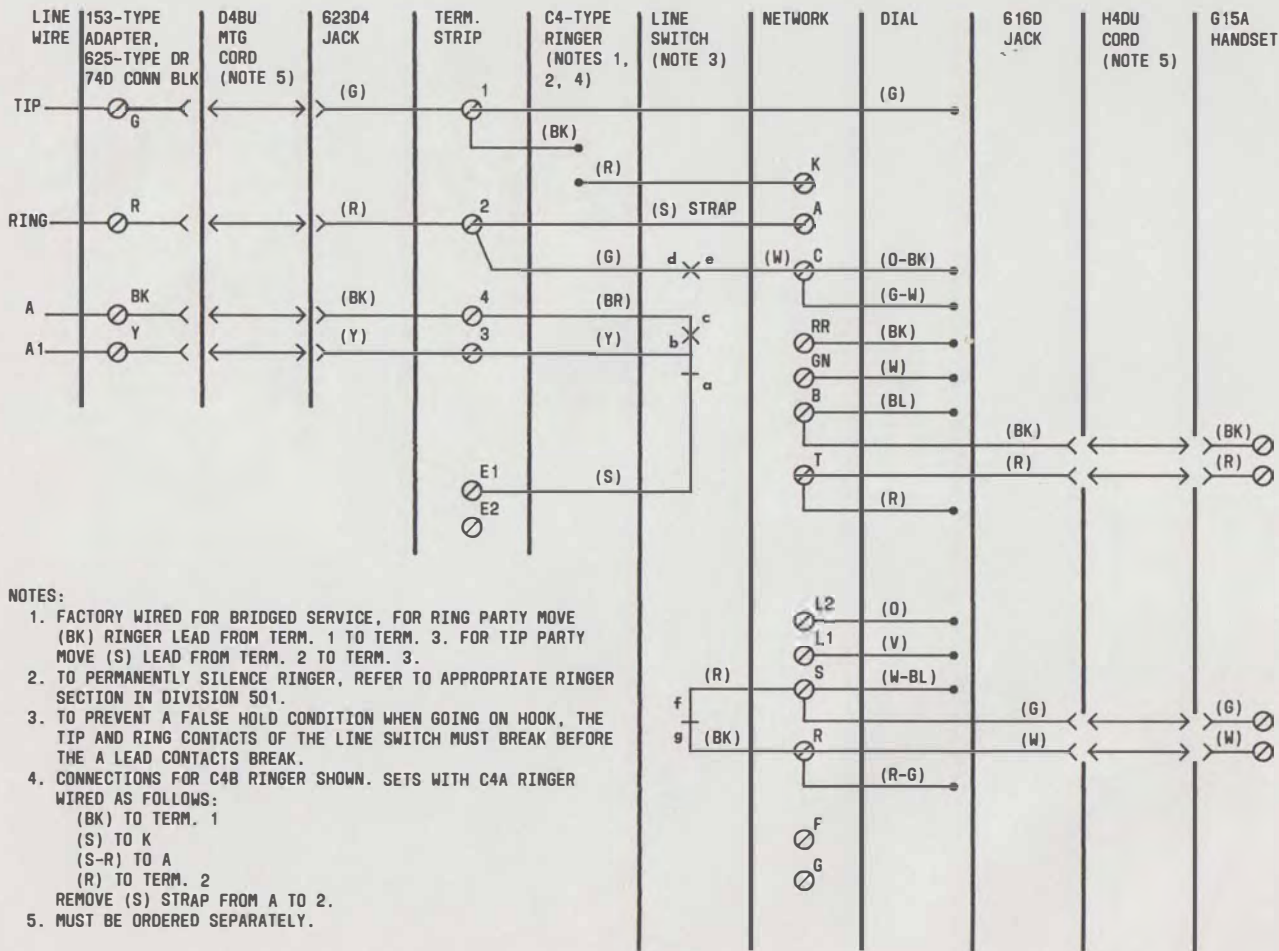


Fig. 1—2500S Telephone Set, Connections



NOTES:

- FACTORY WIRED FOR BRIDGED SERVICE, FOR RING PARTY MOVE (BK) RINGER LEAD FROM TERM. 1 TO TERM. 3. FOR TIP PARTY MOVE (S) LEAD FROM TERM. 2 TO TERM. 3.
- TO PERMANENTLY SILENCE RINGER, REFER TO APPROPRIATE RINGER SECTION IN DIVISION 501.
- TO PREVENT A FALSE HOLD CONDITION WHEN GOING ON HOOK, THE TIP AND RING CONTACTS OF THE LINE SWITCH MUST BREAK BEFORE THE A LEAD CONTACTS BREAK.
- CONNECTIONS FOR C4B RINGER SHOWN. SETS WITH C4A RINGER WIRED AS FOLLOWS:  
 (BK) TO TERM. 1  
 (S) TO K  
 (S-R) TO A  
 (R) TO TERM. 2  
 REMOVE (S) STRAP FROM A TO 2.
- MUST BE ORDERED SEPARATELY.

Fig. 2—2500SM Telephone Set, Connections