

## SERVICE

### 2750A, 2750B, 2750AM, 2750BM, 2750AMG, AND 2750BMG TELEPHONE SETS

### CONNECTIONS

#### 1. GENERAL

**1.01** This section contains information on the 2750A manufacture discontinued (MD), 2750B (MD), 2750AM (MD), 2750BM (MD), 2750AMG, and 2750BMG telephone sets.

**1.02** This section is being reissued to change polarity guard connections in Fig. 1 and Table A. Revision arrows are used to emphasize the more significant changes.

**1.03** The 2750AMG-58 and 2750BMG-60 are the same as the 2750AM-58 and 2750BM-60 telephone sets, respectively, except the 2750AMG-58 and 2750BMG-60 sets have a factory installed polarity guard.

#### 2. CONNECTIONS

**2.01** Table A contains polarity guard connections for 2750A (MD), 2750B (MD), 2750AM (MD), and 2750BM (MD) telephone sets. For additional information on polarity guards, refer to Section 501-321-100.

**2.02** Tables B and C contain line and ringer connections for all classes of service.

**2.03** Tables D and E contain modification connections when these sets are wired for key telephone system use.

**2.04** Refer to Fig. 1, 2, 3, or 4 for individual telephone connections.

TABLE A

**POLARITY GUARD CONNECTIONS D-181006  
(840364376) OR D-180896 (840364202) KIT OF  
PARTS (SEE NOTE)**

| LEAD           | COLOR | REMOVE FROM | CONNECT TO     |      |
|----------------|-------|-------------|----------------|------|
|                |       | NET.        | POLARITY GUARD | NET. |
| Line Switch    | W     | F           | T              |      |
|                | BR    | C           | S              |      |
| Polarity Guard | W     |             |                | C    |
|                | G     |             |                | F    |

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

#### NOTICE

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

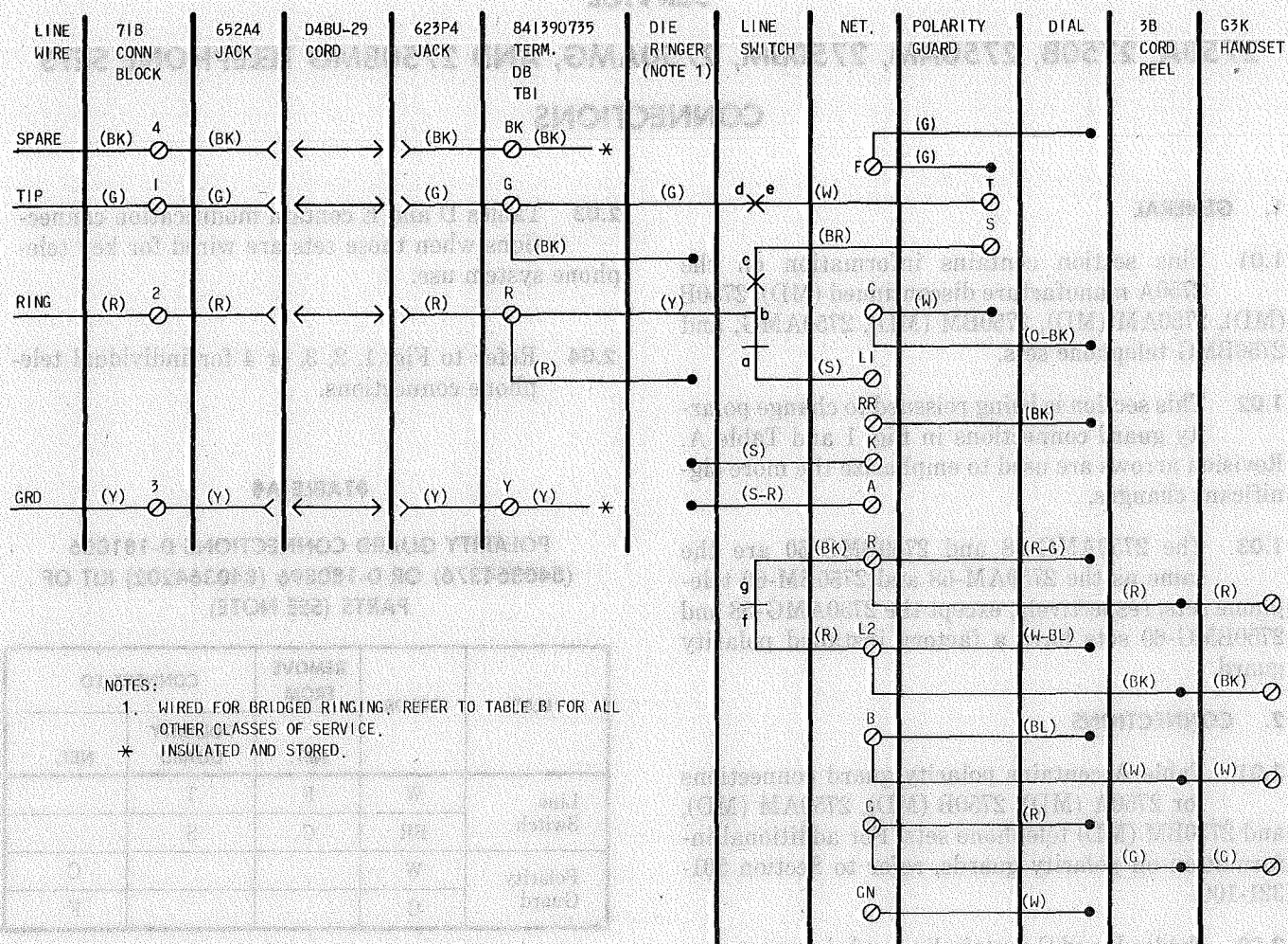


Fig. 1—2750AMG and 2750BMG Telephone Sets, Connections

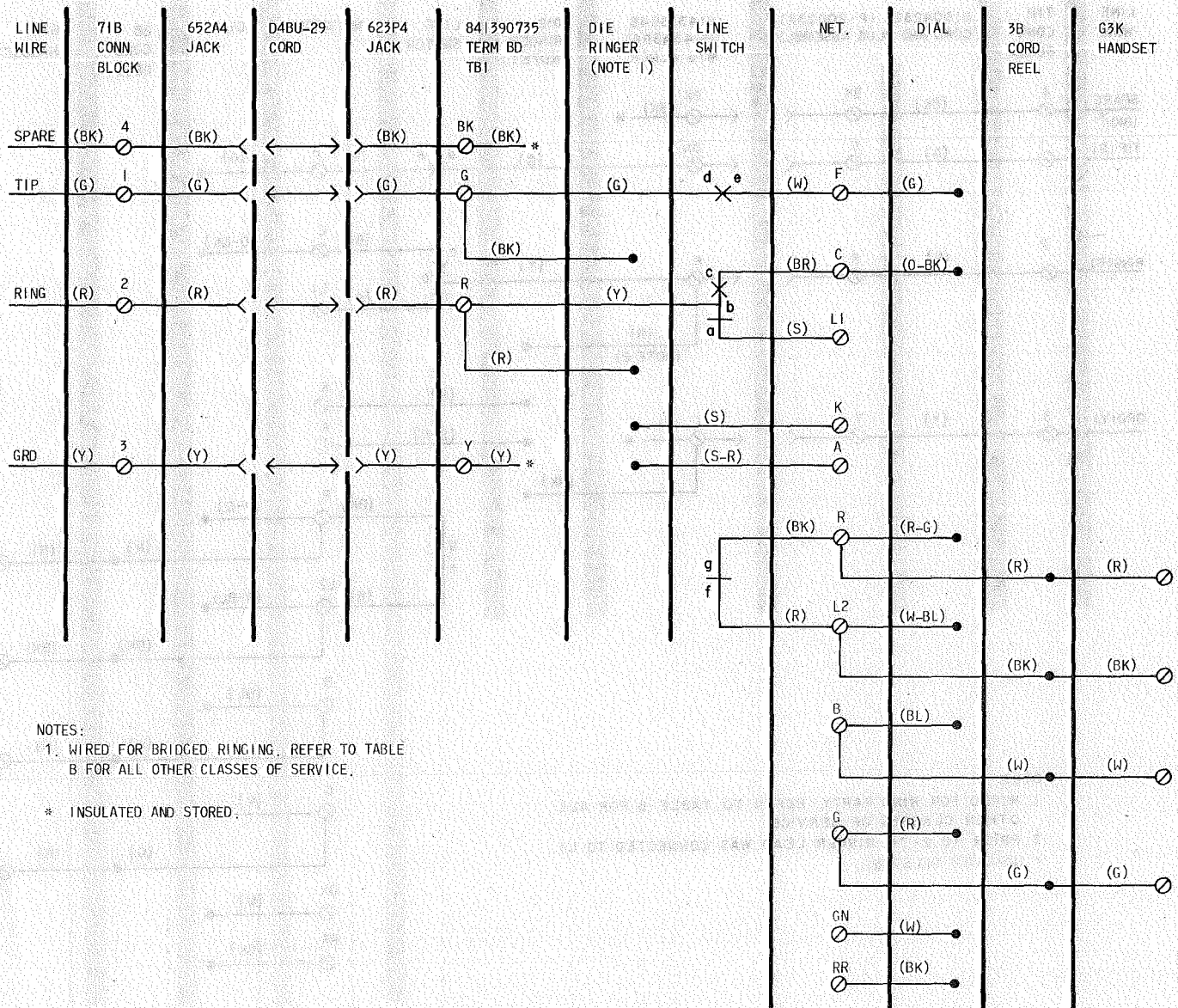


Fig. 2—2750AM (MD) and 2750BM (MD) Telephone Sets, Connections

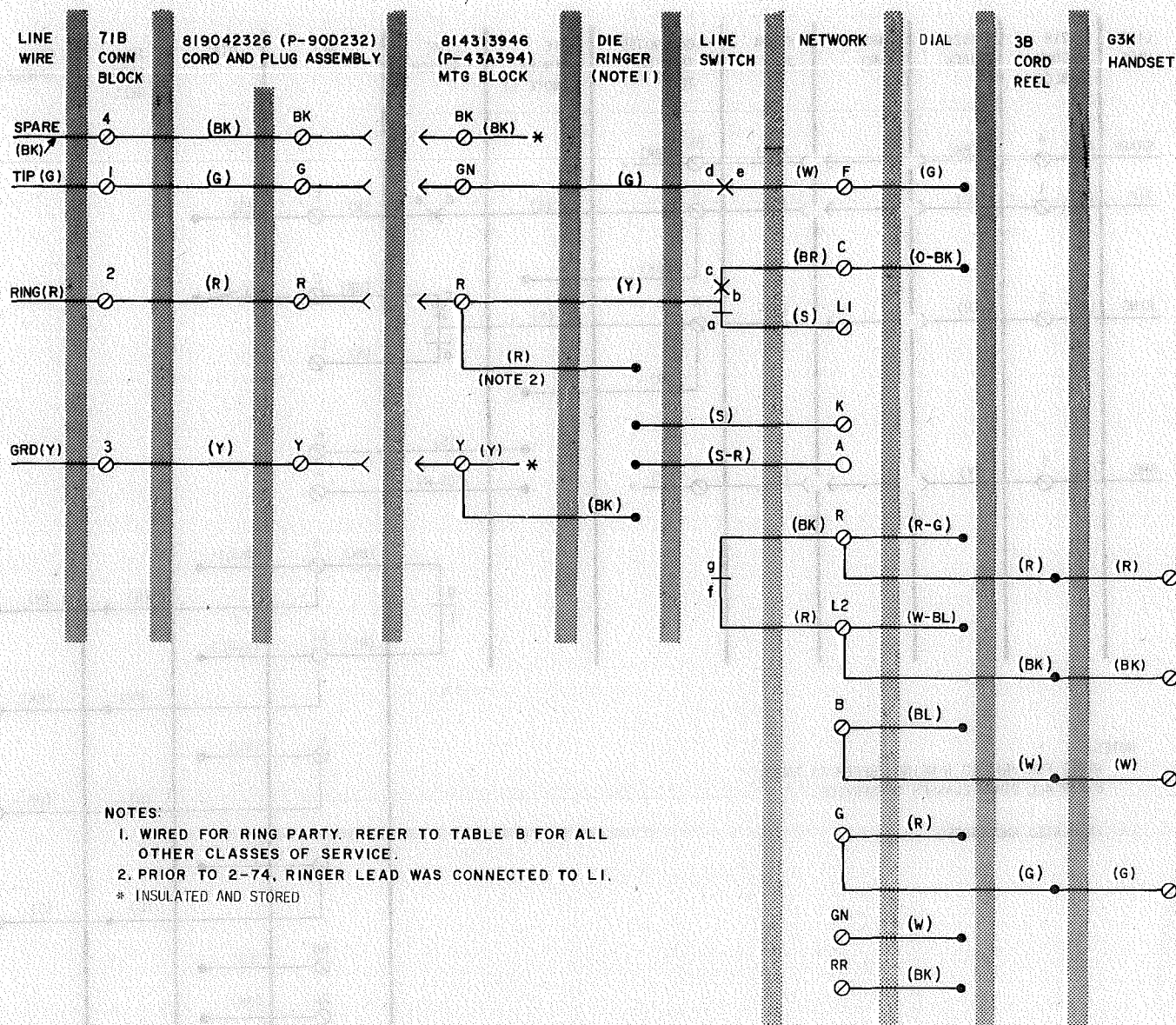
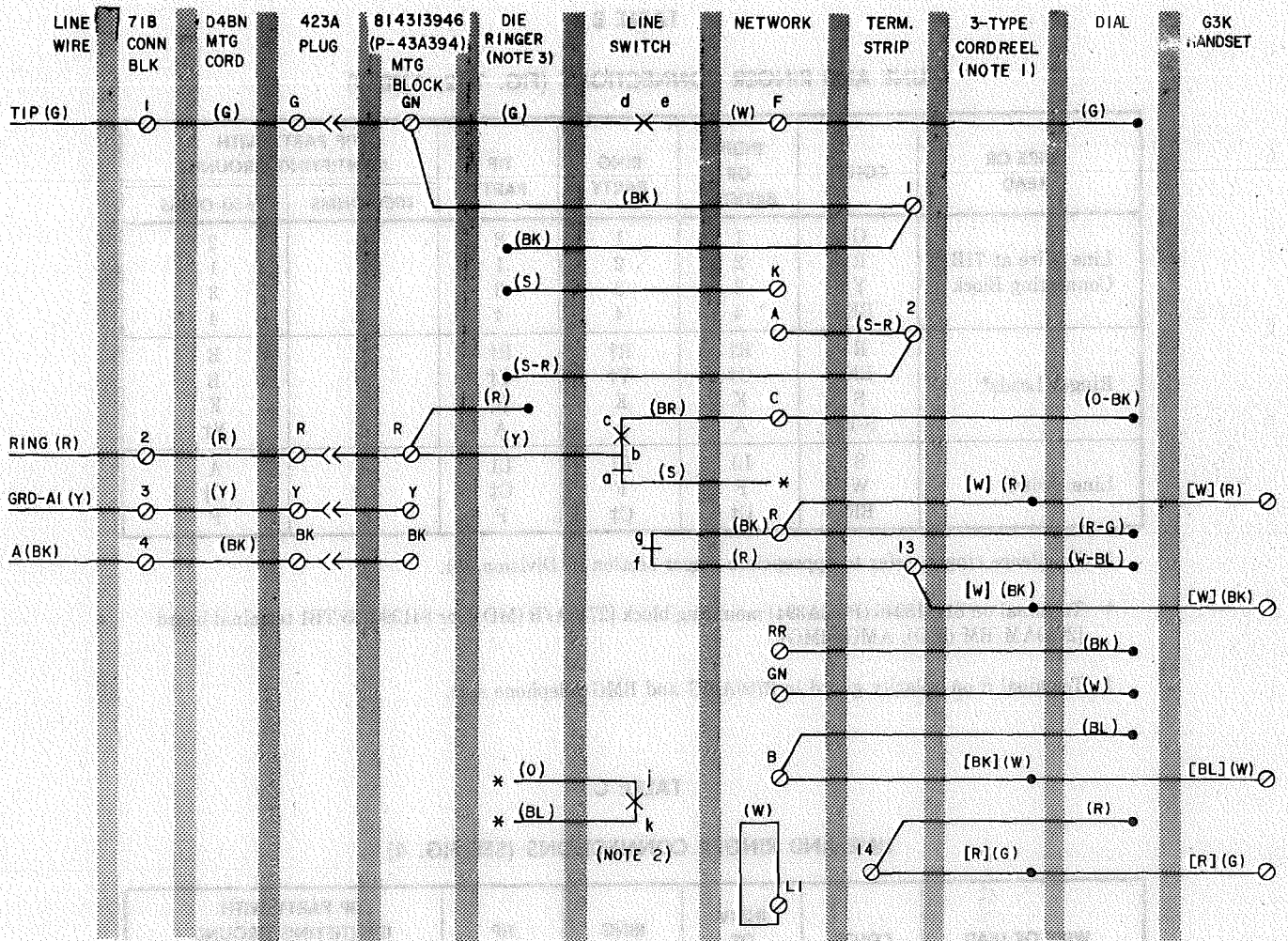


Fig. 3—2750A (MD) and 2750B (MD) Telephone Sets, Connections (Later Model)



## NOTES:

1. [ ] 3A CORD REEL LEAD COLORS.  
( ) 3B CORD REEL LEAD COLORS.
2. IN SOME SETS (O) AND (BL)
3. WIRED FOR BRIDGED RINGING. SEE TABLE C FOR ALL OTHER CLASSES OF SERVICE.
- \* INSULATED AND STORED.

Fig. 4—2750A (MD) and 2750B (MD) Telephone Sets, Connections (Early Model)

TABLE B

## LINE AND RINGER CONNECTIONS (FIG. 1, 2, AND 3)

| WIRE OR LEAD                      | COLOR | INDIV OR BRIDGED | RING PARTY | TIP PARTY | TIP PARTY WITH IDENTIFYING GROUND |           |
|-----------------------------------|-------|------------------|------------|-----------|-----------------------------------|-----------|
|                                   |       |                  |            |           | 1000 OHMS                         | 2650 OHMS |
| Line Wire at 71B Connecting Block | G     | 1                | 1          | 2         | 2                                 | 2         |
|                                   | R     | 2                | 2          | 1         | 1                                 | 1         |
|                                   | Y     | 3                | 3          | 3         | 3                                 | 3         |
|                                   | BK    | 4                | 4          | 4         | 4                                 | 4         |
| Ringer Leads*                     | R     | R†               | R†         | R†        | K                                 | B         |
|                                   | BK    | G†               | Y†         | Y†        | Y†                                | B         |
|                                   | S     | K                | K          | K         | K                                 | K         |
|                                   | S-R   | A                | A          | A         | B                                 | Y†        |
| Line Switch                       | S     | L1               | L1         | L1        | A                                 | A         |
|                                   | W     | F                | F          | C‡        | C‡                                | C‡        |
|                                   | BR    | C‡               | C‡         | F         | F                                 | F         |

\* To silence ringer, refer to appropriate ringer section in Division 501.

† Terminal on 814313946 (P-43A394) mounting block [2750A/B (MD)], or 841390735 TB1 terminal board [2750AM/BM (MD), AMG/BMG]

‡ Terminal S on polarity guard in 2750AMG and BMG telephone sets.

TABLE C

## LINE AND RINGER CONNECTIONS (SEE FIG. 4)

| WIRE OR LEAD                | COLOR | INDIV OR BRIDGED | RING PARTY | TIP PARTY | TIP PARTY WITH IDENTIFYING GROUND |           |
|-----------------------------|-------|------------------|------------|-----------|-----------------------------------|-----------|
|                             |       |                  |            |           | 1000 OHMS                         | 2650 OHMS |
| Line Wire at 71B Conn Block | G     | 1                | 1          | 1         | 2                                 | 2         |
|                             | R     | 2                | 2          | 2         | 1                                 | 1         |
|                             | Y     | 3                | 3          | 3         | 3                                 | 3         |
|                             | BK    | 4                | 4          | 4         | 4                                 | 4         |
| Ringer Leads*               | R     | R†               | R†         | GN†       | L1                                | B         |
|                             | BK    | 1‡               | 1‡         | 1‡        | 1‡                                | L1        |
|                             | S     | K                | K          | K         | B                                 | K         |
|                             | S-R   | 2‡               | 2‡         | 2‡        | 2‡                                | 2‡        |
| Line Switch                 | S     | §                | §          | §         | A                                 | A         |
|                             | W     | F                | F          | F         | C                                 | C         |
|                             | BR    | C                | C          | C         | F                                 | F         |
| Strap Conn                  | BK    | GN† to 1‡        | 1‡ to Y†   | 1‡ to Y†  | 1‡ to Y†                          | 1‡ to GN† |
|                             | S-R   | A to 2‡          | A to 2‡    | A to 2‡   | B to 2‡                           | Y† to 2‡  |
|                             | W     | L1               | L1         | L1        | L1 to K                           | L1 to B   |

\* To silence ringer, refer to appropriate ringer section in Division 501.

† Terminal on 814313946 (P-43A394) mounting block.

‡ Terminal on terminal strip inside set.

§ Insulated and stored.

TABLE D

**MODIFICATIONS FOR USE WITH 1A1 OR 1A2 KTS  
FOR (LATER MODEL) 2750A OR B (MD), 2750AM  
OR BM (MD), AND 2750AMG OR BMG SETS**

| WIRE OR LEAD                             |         | REMOVE<br>FROM | CONNECT<br>TO |
|------------------------------------------|---------|----------------|---------------|
| Incoming<br>Line at<br>71B Conn<br>Block | Tip     | 1              | 3             |
|                                          | Ring    | 2              | 1             |
|                                          | GRD-A1  | 3              | 2             |
|                                          | A       |                | 4             |
| Ringer                                   | R<br>BK | R*<br>G*       | G*<br>Y*      |
| Line Switch<br>Assembly                  | BR      | C††            | L1†           |
|                                          | W       | F†             | C††           |
|                                          | S       | L1†            | §             |
| Strap                                    | Y       | §              | F†            |
|                                          | BK      | §              | L1†           |

\* Terminal on 814313946 (P-43A394) mounting block assembly or TB1 on 2750AM/BM (MD) or 2750AMG/BMG sets.

† Terminal on network.

‡ Terminal S on Polarity guard in 2750AMG/BMG telephone set.

§ Insulated and stored.

TABLE E

**MODIFICATIONS FOR USE WITH 1A1  
OR 1A2 KTS  
FOR (EARLY MODEL) 2750A OR B (MD) SETS**

| WIRE OR LEAD               |    | REMOVE<br>FROM | CONNECT<br>TO |
|----------------------------|----|----------------|---------------|
| Line<br>Switch<br>Assembly | Y  | R*             | Y*            |
|                            | BR | C†             | BK*           |
|                            | G  | GN*            | R*            |
|                            | W  | F†             | C†            |
| M1W Cord or Equiv.         |    | GN* To F†      |               |

\* Terminal on 814313946 (P-43A394) mounting block assembly.

† Terminal on network.