SERVICE
554A/B, 554F, 554AM, 554BM, 554AMP, AND 554BMP

TELEPHONE SETS
CONNECTIONS

1. GENERAL

1.01 This section contains information for the 554A/B (MD) (Fig. 1), 554F (MD) (Fig. 1), 554AM (MD) (Fig. 2), 554BM (MD) (Fig. 3), 554AMP (MD) (Fig. 4), and 554BMP (Fig. 5) telephone sets.

1.02 Reissued to:

- Show 554A/B, 554F, 554AM, 554BM, and 554AMP telephone sets rated MD
- Add information on modifying 554BMP set for A Lead control
- Revise Table A.

1.03 Refer to Table A for line and ringer connections.

1.04 Refer to Fig. 6 for set modifications when used with a key telephone system.

1.05 If a 28A ringer isolator is required, refer to the appropriate table in Section 501-375-101 for connection information. If a 603A ringing extender is required, refer to Section 501-380-102 for connection information. Whenever four party full selective or eight party semiselective ringing is required, refer to Section 501-320-100 for D-180697 Kit of Parts information.
### TABLE A ###

**554A/B, 554F, 554AM, 554BM, 554AMP, AND 554BMP**

**TELEPHONE SET LINE AND RINGER CONNECTIONS**

<table>
<thead>
<tr>
<th>WIRE OR LEAD</th>
<th>COLOR</th>
<th>INDIV OR BRIDGED</th>
<th>RING PARTY</th>
<th>TIP PARTY NO IDENT GRD</th>
<th>TERMINAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inside Wire or 523A Tip</td>
<td>Ring</td>
<td>L2</td>
<td>L2</td>
<td>L1</td>
<td>1000Ω</td>
</tr>
<tr>
<td>or Grd</td>
<td>Tip</td>
<td>G</td>
<td>L1</td>
<td>L1</td>
<td>L2</td>
</tr>
<tr>
<td>Lead in Spare</td>
<td>BK</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>Set</td>
<td>Line Switch</td>
<td>S</td>
<td>L2</td>
<td>L2</td>
<td>L2</td>
</tr>
<tr>
<td>Ringer Leads (Notes 1 And 3)</td>
<td>S-R</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>B</td>
</tr>
</tbody>
</table>

**Note 1.** To silence ringer for all classes of service, refer to appropriate section in Division 501.

**Note 2.** If bell taps on stations connected to long line equipment, use these connections to retain tip party ground identification.

**Note 3.** When grounded ringer arrangements are used on 96 volt long line circuits, a D-180036 ringer isolator must be used.

* Insulate and store
NOTES:
1. WIRED FOR BRIDGED RINGING. REFER TO TABLE A FOR ALL OTHER CLASSES OF SERVICE.
2. MOVE (W) [5-W] LEAD FROM F TO RR FOR MANUAL SERVICE. 
   ( ) CURRENT COLOR CODE
   [ ] MD COLOR CODE
   DP DIAL PULSE
   ON/OFF NORMAL

* INSULATED AND STORED

Fig. 1—§554A/B (MD) and 554F (MD) Telephone Sets, Connections§
NOTES:
1. WIRED FOR BRIDGED RINGING. REFER TO TABLE A FOR ALL OTHER CLASSES OF SERVICE.
2. H4DU HANDSET CORD MUST BE ORDERED SEPARATELY.
   * INSULATED AND STORED

Fig. 2——554AM (MD) Telephone Set, Connections
NOTES:
1. WIRED FOR BRIDGED RINGING. REFER TO TABLE A FOR ALL OTHER CLASSES OF SERVICE.
2. H4DU HANDSET CORD MUST BE ORDERED SEPARATELY.

Fig. 3—5548M (MD) Telephone Set, Connections
Fig. 4—554AMP (MD) Telephone Set, Connections
NOTES:
1. WIRED FOR BRIDGED RINGING. REFER TO TABLE A FOR ALL OTHER CLASSES OF SERVICE.
2. H4DU HANDSET CORD MUST BE ORDERED SEPARATELY.

DP = DIAL PULSE
ON = DIAL OFF-NORMAL

Fig. 5—554BMP Telephone Set, Connections
NOTES:
1. QUICK CONNECT TERMINALS ON 630A4 CONNECTING BLOCK.
2. REPLACE 523A3 PLUG WITH 523A4 PLUG. ORDERED SEPARATELY.
3. WIRED FOR INDIVIDUAL OR BRIDGED RINGING.
4. TO PREVENT FALSE HOLD CONDITION WHEN GOING ON-HOOK, THE RING CONTACTS OF THE LINE SWITCH MUST BREAK BEFORE "A" LEAD CONTACTS. (FIELD ADJUSTMENT OF LINE SWITCH NOT RECOMMENDED).
5. H4DU CORD MUST BE ORDERED SEPARATELY.

DP-DIAL PULSE
ON-OFF NORMAL

Fig. 6—S54BMP Telephone Set Modified for A-Lead Control