28 SINGLE MAGNET TYPING REPERFORATOR UNITS

WIRING DIAGRAMS

1. GENERAL

1.01 This section shows the wiring of the LPR4AWA (Bell 28A), LPR7AWA (Bell 28B), LPR22 (Bell 28C), LPR33 (Bell 28C-1), LPR23 (Bell 28D), LPR22 (Bell 28E), LPR23 (Bell 28F), LPR32 (Bell 28G), LPR42 (Bell 28J), LPR54 (Bell 28K), LPR46 (Bell 28L), and LPR47 (Bell 28M) typing reperforator units.

1.02 Wiring for the 28A and 28B typing reperforator units was previously covered in Section 573-121-400 covering the wiring of the 28 typing reperforator base.

1.03 Notes on the wiring diagrams explain symbols used and point out special conditions. These diagrams show the origin and termination of the various leads as well as the color coding of the leads for each of the components.

1.04 The LPR4AWA (Bell 28A) and LPR7AWA (Bell 28B) are covered in 3442WD and 3544WD each of which consist of one sheet. The LPR33 (Bell 28C-1) is covered in the one unnumbered diagram. The other typing reperforators are covered in the one sheet of 3628WD.
1. ROUTE UPPER CASE'S BELL SWITCH CABLE ALONG SELECTOR MAGNET CABLE (WHEN LPR IS MOUNTED ON BASE) BY WINDING SWITCH CABLE AROUND THE SELECTOR CABLE A FEW TIMES.

2. ROUTE CABLE THROUGH CABLE CLAMP ON TAPEGUARD.

3. LRB 3 BASE COMPONENTS SHOWN IN BROKEN LINES.

SEE NOTE 3

UPPER TERMINAL BOARD

LOWER TERMINAL BOARD

SEE NOTE 2

BELL SIGNAL SWITCH 154247

SEE NOTE 1
161335 SOLENOID

UPPER

2 3

LOWER

LRB3 TERMINAL BOARDS
REPERFORATOR SELECTOR MAGNETS

224 M
254 M
161305 CABLE ASSEMBLY
161237 CABLE ASSEMBLY
162064 CABLE ASSEMBLY
162211 CABLE ASSEMBLY

BELL SIGNAL SWITCH

LAAC CABINET TERMINAL BLOCKS

NOTES:
1. REPERFORATOR SELECTOR MAGNETS SHOWN FOR .060 AMP OPERATION. FOR .020 AMP OPERATION REMOVE AND ADD CONNECTIONS AS TABULATED BELOW.

<table>
<thead>
<tr>
<th>CONNECTION REMOVED</th>
<th>CONNECTION ADDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>O20 AMPS.</td>
<td></td>
</tr>
<tr>
<td>A33 - AP3</td>
<td>A35 - AP2</td>
</tr>
<tr>
<td>A32 - AP3</td>
<td>A34 - AP4</td>
</tr>
<tr>
<td>A24 - AP2</td>
<td></td>
</tr>
<tr>
<td>A23 - AP4</td>
<td></td>
</tr>
</tbody>
</table>

2. BELL SIGNAL SWITCH NOT USED ON LRPEG. TIE BACK W'O AND G WIRES ALONG CABLE 161237 WHEN USED WITH LRPEG 6.

3. PART OF LAK 4 & LAK 18

4. LPR 51 & 56 USE 162064 & 162211 CABLE ASSEMBLIES
   LRPEG 6 USES 162064 CABLE ASSEMBLY
   LPR 77 USES 162064 CABLE ASSEMBLY.

5. WHEN THESE TERMINALS ARE NOT AVAILABLE, THE 159396 MODIFICATION KIT TO ADD TERMINALS C-19 TO C-1BD, MAY BE ORDERED.
**WIRING LEGEND:**
- DISTANT TERMINATING AREA
- DURABLE TERMINATING DESIGNATION
- WIRE COLOR CODE

**COLOR CODE:**
- BK - BLACK
- BR - BROWN
- BL - BLUE
- G - GREEN
- GR - GRAY
- OR - ORANGE
- W - WHITE

**TERMINAL DESIGNATIONS EXCEPTED IN PARENTHESES ARE FOR REFERENCE ONLY AND ARE NOT MOUNTED ON COMPONENTS.**

**TERMINALS ON CONNECTOR SHOWN AS SEEN FROM SOLID END.**

**NORMALIZE OPEN (NO) AND NORMALLY CLOSED (NC) CONTACTS ARE SHOWN WHEN THE READER IS IN THE STOP (CLOSED) POSITION.**

**THE WIRING OF INDIVIDUAL COMPONENTS IS DETERMINED BY REFERRING TO THE CABLE ASSEMBLY SPECIFICATIONS ON THE UNIT DRAWING.**

**USING THE WIRING DIAGRAM, CONNECT THE WIRE CLEARLY AND ORDERLY TO OR FROM THE TERMINALS.**

**Code Reading Contacts:**
- DISTANCE TERMINATING AREA
- DURABLE TERMINATING DESIGNATION
- WIRE COLOR CODE

**Color Code:**
- BK - BLACK
- BR - BROWN
- BL - BLUE
- G - GREEN
- GR - GRAY
- OR - ORANGE
- W - WHITE

**Terminal Designations Excepted in Parentheses Are for Reference Only and Are Not Mounted on Components.**

**Terminals on Connector Shown as Seen From Solid End.**

**Normalize Open (NO) and Normally Closed (NC) Contacts Are Shown When the Reader Is in the Stop (Closed) Position.**

**The Wiring of Individual Components Is Determined by Referring to the Cable Assembly Specifications on the Unit Drawing.**

**Using the Wiring Diagram, Connect the Wire Clearly and Orderly to or From the Terminals.**

**Actual Wiring Diagram for Typing and Non-Typing Reperforator LPR-36E**

**Approvals:**
- UL
- CSA
- CEC
- D.O.T.
- B.C.
- M.O.
- P.S.I.