3. INSERTION/EXTRACTION PROCEDURES

3.1. Inserting Contacts (Figure 1)

1. Position tool handle between thumb and finger tips of one hand, then lace wire over wire slot and under thumb.

2. Position forefinger under tool tip and, while applying light pressure on the wire, slide your thumb over the wire until the tip spreads and the wire seats in the tip.

3. Reposition tool between thumb and finger tips.

4. Slide tool tip over contact wire barrel until it butts against contact shoulder.

5. Align contact with back of cavity and push the contact straight in until bottomed.

6. Remove the tool. Then pull back lightly on the wire to be sure the contact is locked in the cavity.

3.2. Extracting Contacts (Figure 2)

1. Align wire of contact to be removed with wire slot of tool, then grip tool handle between thumb and finger tips of one hand.

2. Position forefinger under tip of tool and, while applying light pressure on the wire, slide your thumb over the wire until the tip spreads and the wire is seated in tool tip.

3. Reposition tool handle between thumb and finger tips.

4. Slide tool tip along the wire and straight into the cavity until it is bottomed.

5. Hold the wire securely against the tool handle serrations and pull back lightly to extract the contact.

If the contact does not come out easily, reseat the tip in the cavity and repeat Step 5.
Insertion/Extraction Tools 91067-1 and 91067-2

the tool be inspected immediately on its arrival and at regularly scheduled intervals. The tool is not repairable and should be replaced when worn or damaged. It is recommended that the tool be stored in a clean, dry place and cleaned with a soft, lint-free cloth.

Additional tools can be purchased from:

CUSTOMER SERVICE (38-35)
AMP INCORPORATED
P.O. BOX 3806
HARRISBURG, PA 17106-3806

5. REVISION SUMMARY

Since the previous release of this sheet, the following changes were made:

Per EC 0790-0470-97:

- Removed superseded tool 91067-3 and all information relating to that tool and added superseded statement to Section 1.
- Added metric dimensions to Figure 3.

4. MAINTENANCE AND INSPECTION

To ensure proper operation, the tool should conform to the dimensions in Figure 3. It is recommended that

<table>
<thead>
<tr>
<th>TOOL NUMBER</th>
<th>DLål</th>
<th>HANDLE COLOR</th>
<th>PRODUCT DESIGNED FOR</th>
<th>AWG SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>91067-1</td>
<td>1.65 [.065]</td>
<td>0.89 [.035]</td>
<td>Green White</td>
<td>AMPLIMITE Contacts Size 22</td>
</tr>
<tr>
<td>91067-2</td>
<td>2.18 [.085]</td>
<td>1.55 [.065]</td>
<td>Red White</td>
<td>AMPLIMITE Contacts Size 20 DM and 20 OF (With Insul Max of 1.73 [.085])</td>
</tr>
</tbody>
</table>

Figure 3

Weight: Approx. 26.3 g [1 oz.]