

Figure 1

### 1. INTRODUCTION

Repair Tool 58430-1 is designed to insert wires into insulation displacement contact (IDC) slots of AMPLIMITE .050 Series cable plug and receptacle connectors.

Reasons for reissue of this instruction sheet are provided in Section 5, REVISION SUMMARY.

### 2. DESCRIPTION (See Figure 1)

The repair tool, which resembles a small screwdriver, features a specifically designed tip which allows the wire to be correctly inserted into the IDC slots of the connector. The tool is most often used when a wire insertion has not been made during the termination process of a machine.

### 3. USING THE TOOL

When, upon inspection, it is determined that a wire has not been inserted in the IDC slot, use the tool as follows:

1. If the connector is out of the machine, lay it on a suitable work surface. If it is still in the machine, allow it to remain in place.
2. Lay the wire over the proper contact slot and push it into the contact lead-ins using the tip of your finger.
3. Hold the tool perpendicular to the wire in the slot and rest the blade of the tool tip on the wire as shown in Figure 2, Detail A.

4. Apply only enough pressure on the tool handle to force the wire into the contact slot. Refer to Figure 2, Detail B.



*Avoid applying excessive pressure on the wire and contact. Too much pressure will result in bending the contact and render the connector unusable.*

5. Withdraw the tool straight out of the slot.

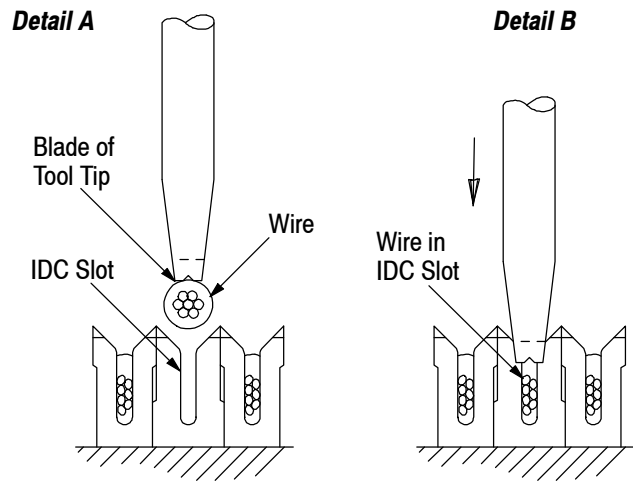


Figure 2

### 4. REPLACEMENT AND REPAIR

Order tools through your representative, or call 1-800-526-5142, or send a facsimile of your purchase order to 717-986-7605, or write to:

CUSTOMER SERVICE (038-035)  
 TYCO ELECTRONICS CORPORATION  
 PO BOX 3608  
 HARRISBURG PA 17105-3608

### 5. REVISION SUMMARY

Revisions to this instruction sheet include:

- Updated instruction sheet to corporate requirements