

*Pin Contact  
Extraction Tool  
189727-1*

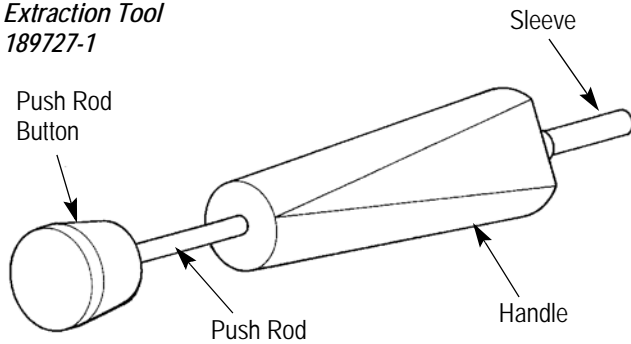


Figure 1

**1. INTRODUCTION**

Extraction Tool 189727-1 is designed to extract Mini-Universal MATE-N-LOK Contacts from housing cavities. Refer to Catalog 82331 for selection information. Read this sheet carefully before using the tool.

Reasons for reissue of this instruction sheet are provided in Section 9, REVISION SUMMARY.

**2. DESCRIPTION (Figure 1)**

This tool consists of a push rod button, push rod, handle, and sleeve. The sleeve is inserted into the mating face of the housing, depressing the locking lances of the crimped contact, and allowing the contact to be extracted from the wire-entry face of the housing.

**3. EXTRACTION PROCEDURE**

To extract a crimped contact from a housing, proceed as follows:

1. Place sleeve of tool over contact to be removed, and at the same time, grasp wire of contact. Push contact toward mating face of connector and hold in this position. This will disengage contact locking lance from shoulder of cavity. See Figure 2, Detail A.
2. While holding wire, insert sleeve straight into the contact cavity until it bottoms. Allow the push rod button to back out of the handle as shown in Figure 2, Detail B.

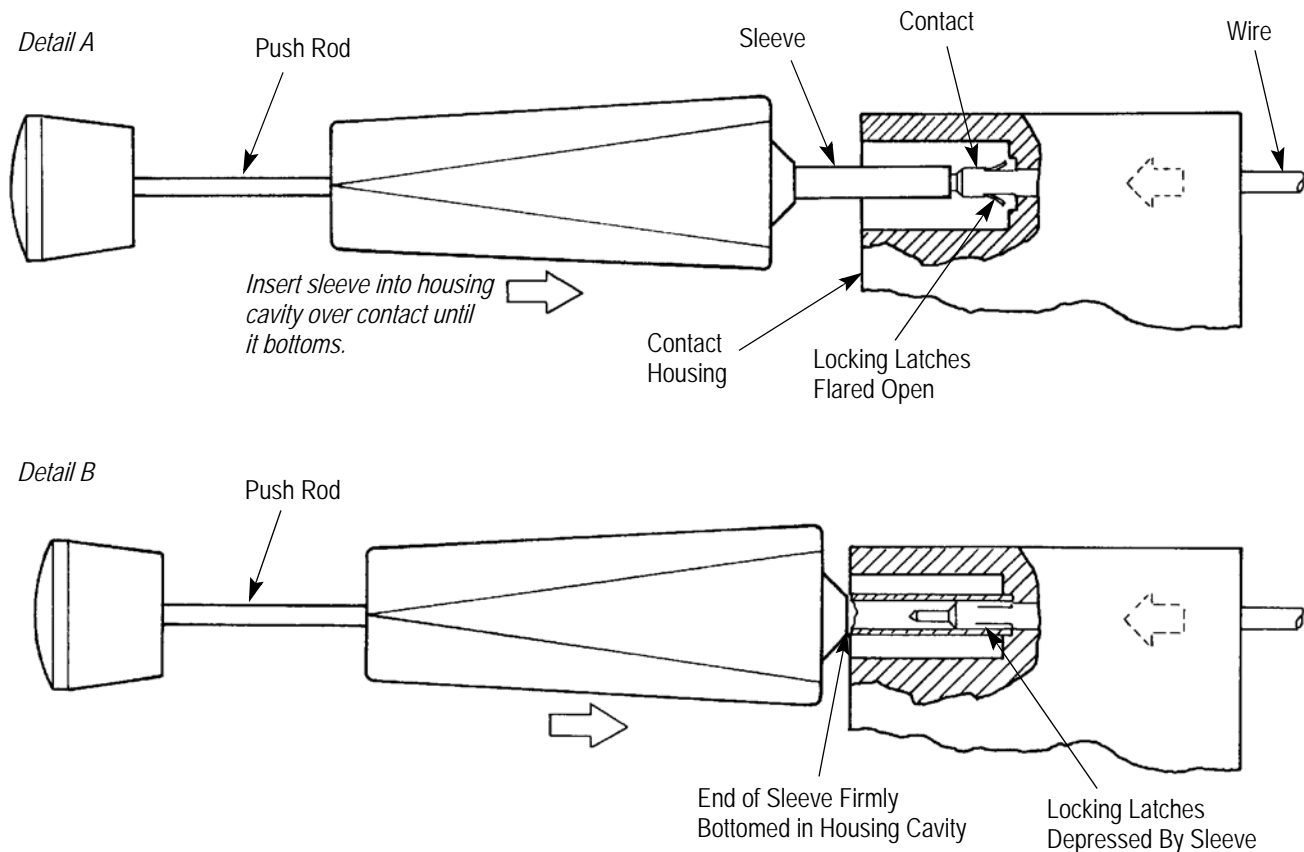


Figure 2

3. Rotate handle to ensure the contact locking lance has been released.

4. Keep the sleeve firmly bottomed in the cavity and depress the push rod button. The contact will eject as the button is depressed. See Figure 3.

5. Remove the tool from the cavity.

**4. MAINTENANCE AND INSPECTION**

To ensure proper operation, it is recommended that 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 (038-035)  
 TYCO ELECTRONICS CORPORATION  
 PO BOX 3608  
 HARRISBURG PA 17105-3608

**5. REVISION SUMMARY**

Since the previous version of this document, the following changes were made:

- Updated document to corporate requirements.

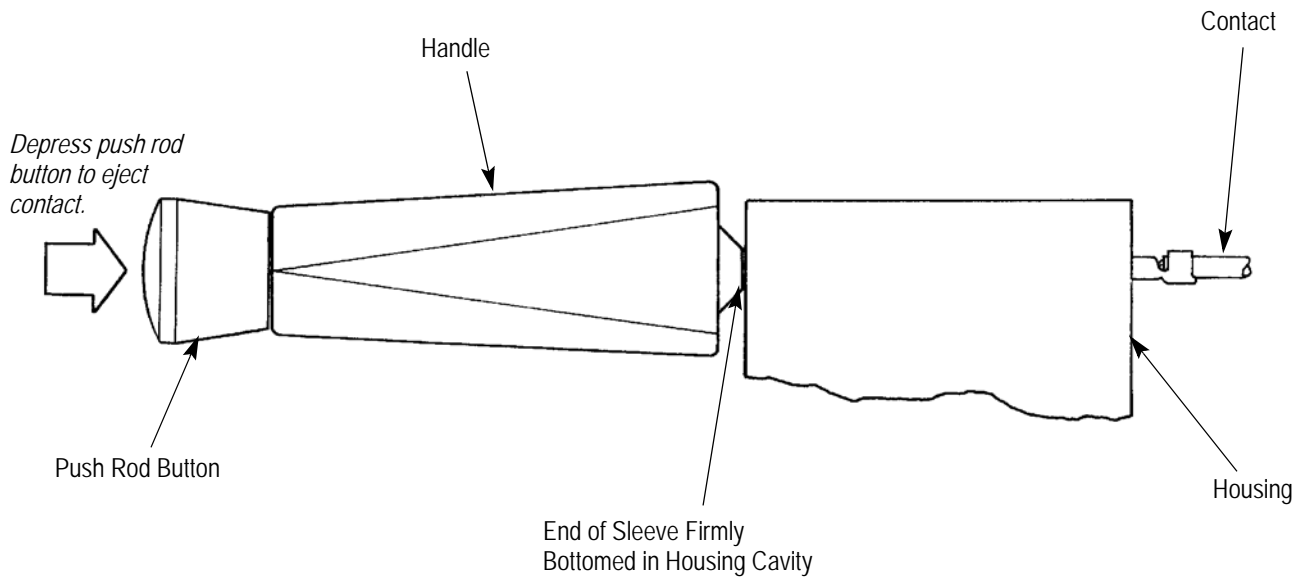


Figure 3