

Figure 1

### 1. INTRODUCTION

AMP\* Extraction Tool 318831-1 is designed to remove the AMP .062 Commercial Pin and Socket Contacts from connector housings. Extraction Tool 318831-2 is an extended length version designed to remove Mini MATE-N-LOK\* Pin and Socket Contacts from connector housings. Read these instructions thoroughly before attempting to remove any contacts.

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

### 2. DESCRIPTION (Figure 1)

Each extraction tool consists of a spring-loaded metal tip with an integral plunger mounted to a plastic handle with an interlock lever. When the interlock lever is depressed, the plunger is held until the contact locking lances are depressed by the tip. After the lever is released, the plunger is released, permitting the contact to be pushed out the rear of the housing.

### 3. EXTRACTION PROCEDURE (Figure 2)

1. Determine the contact to be removed and grasp the wire attached to that contact.
2. Move the contact forward as far as possible by pushing the wire toward the housing.

**NOTE** *If pushing the wire by hand is difficult, use AMP Insertion Tool 91002-1.*

3. Depress the extraction tool interlock lever and insert the tip of the tool into the contact cavity in the mating face of the housing. Make sure that the tip is completely bottomed in the cavity.

4. While holding the extraction tool in position and pulling back on the wire, release the interlock lever and push the tool handle forward. The wire and contact should pull out of the housing.

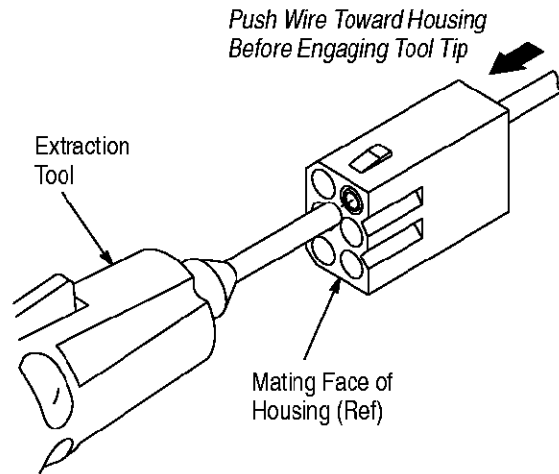


Figure 2

#### NOTE

*Before using the contact again, reset the locking lances to their original positions. To obtain the correct setting dimensions for the locking lances, consult the AMP Customer Drawing covering the specific contact, or contact AMP engineering.*

### 4. TOOL MAINTENANCE

It is recommended that each tool be inspected when you receive it and at regularly scheduled intervals. Tools are not repairable and should be replaced when worn or damaged. Store the extraction tools in a clean, dry place and clean the extraction tools with a soft, lint-free cloth.

Additional tools can be purchased from:

CUSTOMER SERVICE (38-35)  
AMP INCORPORATED  
P.O. BOX 3608  
HARRISBURG PA 17105-3608

### 5. REVISION SUMMARY

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

Per EC 0990-0886-99

- Added Extraction Tool 318831-2