

EXTRACTION TOOL	RIGHT-ANGLE HEADER
1804175-1	2-Pair
1804176-1	3-Pair
1804177-1	4-Pair

Figure 1

## 1. INTRODUCTION

The extraction tools listed in Figure 1 are designed to remove individual chicklets of Z-PACK HM-Zd right-angle headers from the printed circuit (pc) board.

## 2. DESCRIPTION

Each extraction tool features an insertion leg with a slot designed to straddle the row of contacts, and a support leg that supports the back of the chicklet during extraction.

## 3. EXTRACTION PROCEDURE

1. Refer to instruction sheet 408-10055, and remove the housing from the pc board.

### NOTE

*The housing of the right-angle header must be removed from the pc board before the chicklets can be removed.*

2. Position the extraction tool over the chicklet to be removed so that the support leg is aligned with the back of the chicklet and the row of contacts will enter the slot of the insertion leg. See Figure 2, Detail A.

3. Press down *evenly* on the extraction tool until it bottoms on the chicklet. Make sure that the row of contacts enters the slot of the insertion leg.

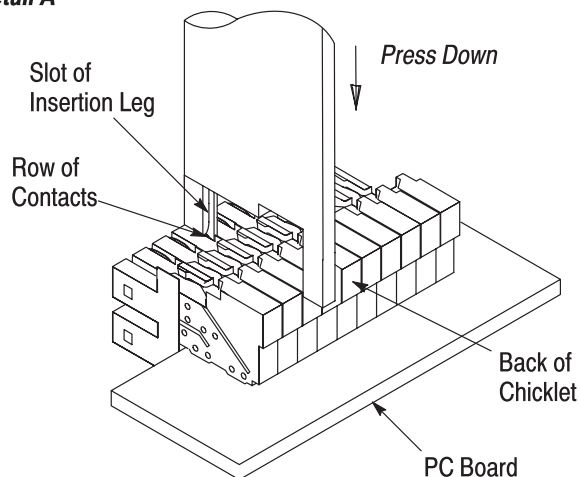
4. Hold onto the pc board, and *gently* rock the extraction tool toward the front of the chicklet, creating interference (the chicklet will pivot out slightly).

### NOTE

*DO NOT try to pull the chicklet straight off of the pc board; otherwise, the extraction tool will slip off of the chicklet.*

5. Continue to rock the extraction tool back-and-forth until the chicklet lifts away from the pc board.
6. Discard the chicklet.

### Detail A



### Detail B

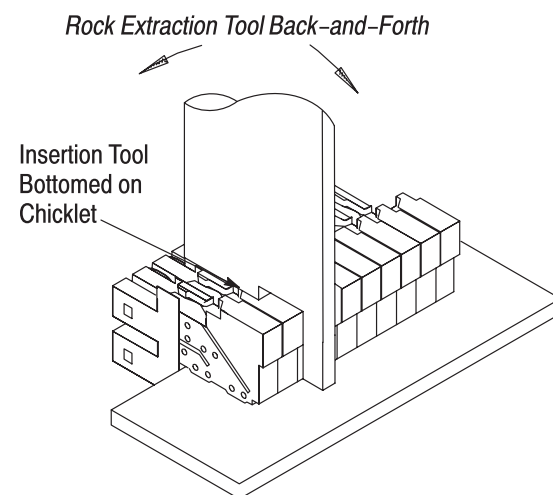


Figure 2

#### 4. MAINTENANCE

It is recommended that each operator be made aware of, and responsible for, the following steps of daily maintenance:

1. Remove dust, moisture, and other contaminants with a clean, soft brush, or lint-free cloth. DO NOT use objects that could damage the extraction tool.
2. When the extraction tool is not in use, store it in a clean, dry area.

#### 5. ORDERING INFORMATION

Order extraction 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

#### 6. REVISION SUMMARY

- Initial release of instruction sheet