

FIGURE 1

## 1. INTRODUCTION

The AMP Extraction Tool 1-305183-5 is designed to remove pin and socket contacts from the AMP Circuit Concentration Receptacle Housings and Plug Assemblies. Read these instructions thoroughly before starting.

### NOTE

*All dimensions presented on this instruction sheet are in inches, unless otherwise stated.*

## 2. DESCRIPTION

This tool features a handle and sleeve to release the contact and a push rod button to eject the contact from the housing or plug.

## 3. EXTRACTION PROCEDURE

1. Align the sleeve of the tool with the contact to be removed as shown in Figure 2.
2. Insert the sleeve straight into the contact cavity until it bottoms. Allow the push rod button to "back out" of the handle as shown in Figure 3.
3. Rotate handle several times to assure contact has 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.
5. Remove the tool.

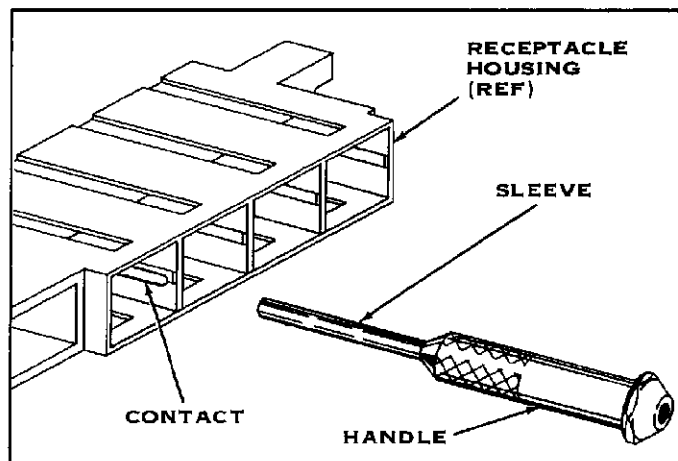


FIGURE 2

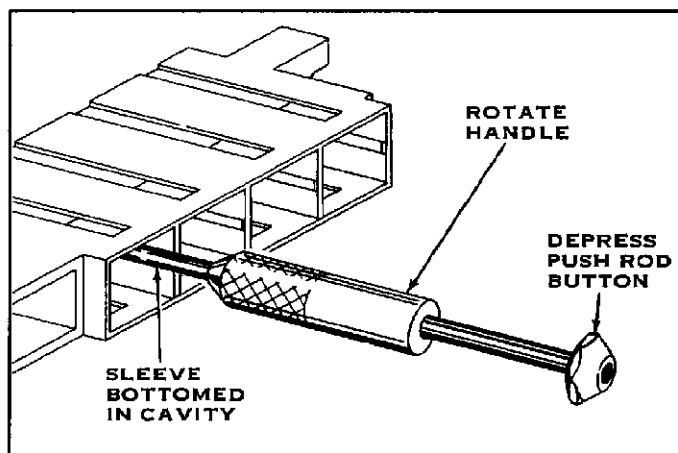
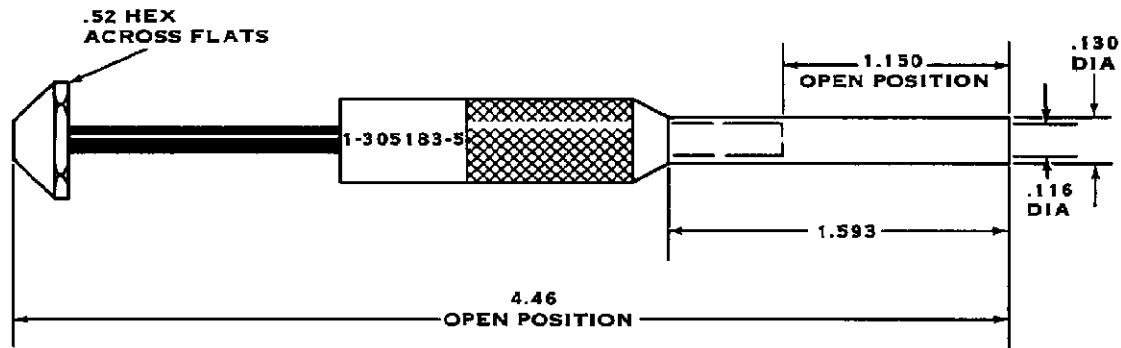


FIGURE 3



| TOOL NUMBER | PRODUCT DESIGNED FOR   | ENGINEERING APPROVAL | DATE APPROVED |
|-------------|--|----------------------|---------------|
| 1-305183-5  | Circuit Concentration<br>Receptacle Housing<br>and Plug Assembly | <i>Steve</i>         | 2-26-73       |

FIGURE 4

#### 4. TOOL CERTIFICATION

The information in Figure 4 has been included to certify the tool listed in column 1. We recommend that you inspect the tool immediately upon arrival in your factory and at regularly scheduled inspections to assure that the tool has not been damaged during handling.

The dimensions shown include the maximum tolerance.

Additional tools can be purchased from:

AMP Incorporated  
Eisenhower Boulevard  
Harrisburg, Pennsylvania 17105