

PROPER USE GUIDELINES

Cumulative Trauma Disorders can result from the prolonged use of manually powered hand tools. Hand tools are intended for occasional use and low volume applications. A wide selection of powered application equipment for extended-use, production operations is available.

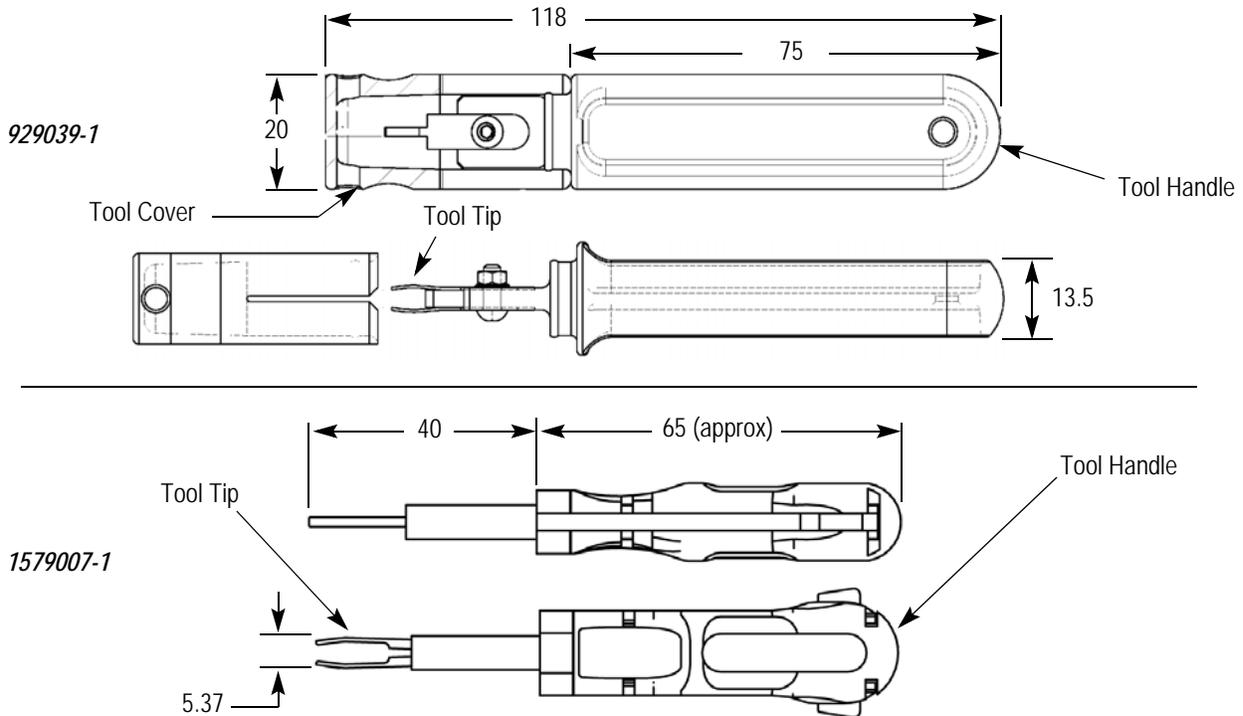


Figure 1

1. INTRODUCTION

This instruction sheet covers the use of Extraction Tools 929039-1 and 1579007-1, which are designed to remove MCP2.8 receptacle contacts from connectors.

NOTE  Dimensions on this sheet are in millimeters unless otherwise specified. Figures are not drawn to scale.

2. DESCRIPTION

The extraction tools consists of the extraction tool handle and a tool tip. Tool 929039-1 also includes a protective, extraction tool cover (shield). See Figure 1.

The extraction tool tips are designed to enter the contact cavity in front of the MCP2.8 connector and release the receptacle contact. When the extraction tool tips are bottomed in the contact cavity, the tips depress the locking lances of the receptacle contact. The contact can be removed from the housing by manually pulling on the wire.

3. EXTRACTION PROCEDURE

NOTE  The secondary lock cover on the MCP2.8 connectors must be in the pre-lock or "open" position before attempting to remove a contact.

1. Remove the extraction tool cover (if applicable) from the tool to expose the extraction tool tips.
2. While holding the connector, grasp the wire at the rear of the housing and push forward toward the mating end to disengage the contact locking lances from the connector cavity shoulder. See Figure 2.
3. Fully insert the extraction tool tips into the windows of the circuit cavity until it bottoms inside the window. The tips of the tool should straddle the contact to be extracted. See Figure 3.
4. Remove the contact from the connector by pulling on the wire attached to it.
5. To protect the extraction tool tips when the tool is not being used, replace the extraction tool cover (shield), if applicable.

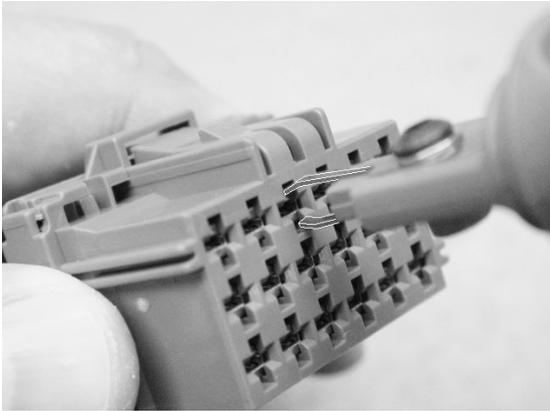


Figure 2

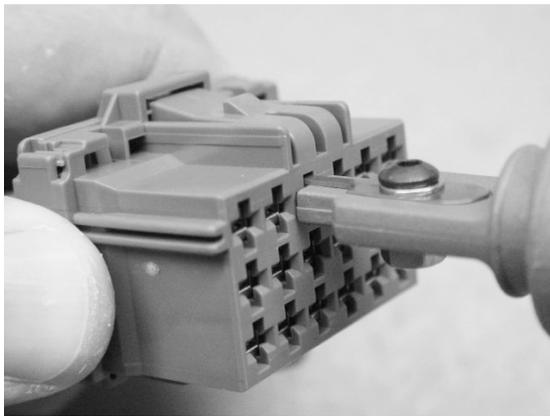


Figure 3

4. TOOL INSPECTION AND MAINTENANCE

The extraction tools should conform to the dimensions indicated in Figure 1. It is recommended that each tool be inspected upon arrival and at regularly scheduled intervals to insure that the tool has not become damaged during handling.

Additional tools may be ordered 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:

- Added tool 1579007-1.
- Updated document to corporate requirements.