

Figure 1

## 1. INTRODUCTION

This instruction sheet covers assembly and disassembly of the single circuit Commercial MATE-N-LOK connectors listed in Figure 1.

Reasons for reissue of this instruction sheet are provided in Section 6, REVISION SUMMARY.

## 2. DESCRIPTION (Refer to Figure 1)

These connectors consist of a plug and a cap. The cap is available with a positive lock or a detent lock. The positive lock cap is identified by two nibs on the mating face.

These connectors are designed to be installed onto Commercial MATE-N-LOK contacts. The plug houses a socket contact, and the cap houses a pin contact. Refer to Instruction Sheet 408-7300 for the contact part numbers and crimping information.

## 3. ASSEMBLY

1. Align the wire end of the connector with the mating end of the contact, and insert the contact into the connector until it stops. Refer to Figure 1.

### NOTE



For contacts crimped onto small, flexible wire, use Insertion Tool 91002-1.

2. Slightly pull back on the wire to ensure that the contact is locked in place.

3. Align the mating faces of the connectors, and push the plug into the cap until the locking legs of the cap engage the shoulder of the plug. Refer to Figure 2.

### Mating Connectors

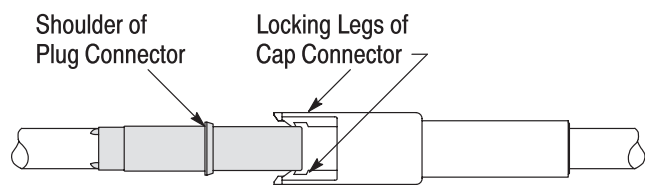


Figure 2

## 4. DISASSEMBLY

To disengage the positive-lock cap connector, lift the locking legs away from the shoulder of the plug, then pull the plug out of the cap.

To disengage the detent-lock cap connector, pull the plug out of the cap.

To extract the pin or socket contact from the connector, use Extraction Tool 465644-1 when the contact is visible at the mating end of the connector. If the contact is not visible or access is restricted, use Extraction Tool 1-305183-1 to extract the pin contact and 1-305183-2 to extract the socket contact.

## 5. REPLACEMENT AND REPAIR

The connectors and contacts are not repairable. Discard and replace any defective or damaged product. DO NOT re-use a terminated contact by removing the wire.

## 6. REVISION SUMMARY

Revisions to this instruction sheet include:

- Updated document to corporate requirements
- Removed obsolete connectors
- Added Section 5