


Figure 1

## 1. INTRODUCTION

Fixture Board Assembly 1424685-1 is a pc board support that lays on the base of a manual termination tooling and is used to assist in applying PC/104 and PC/104-Plus connectors to a pc board.

**NOTE** *Figures are not drawn to scale.*




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

## 2. DESCRIPTION

The fixture board assembly consists of a fixture board, an insert plate, and guide posts. The insert plate, surface under the insert plate, and raised surface contain holes that accept the connector contact posts during seating. Refer to Figure 1.

The insert plate must be removed when terminating connectors using organizers.


**NOTE** *Organizers are supplied with the connector; and are available separately.*



## 3. OPERATION

1. If terminating connectors with organizers, loosen the set screws securing the insert plate, and remove the insert plate; then place the organizer on the fixture board (in place of the insert plate). See Figure 1.
2. Locate the fixture board assembly onto the termination tooling and secure it using the board securing screws included with the press.
3. Place the pc board on the fixture board assembly, locating it using the two guide posts.
4. Place the connectors on the pc board as shown in Figure 2.
5. Align the first connector to be applied (on the fixture board assembly) with the ram of the termination tooling.
6. Manually lower the ram to seat the connector onto the pc board. Do the same to seat the next connector.
7. Carefully lift the pc board *straight* off of the fixture board.

**CAUTION** *To avoid bending the contact posts, make sure to carefully lift the pc board straight off of the fixture board.*



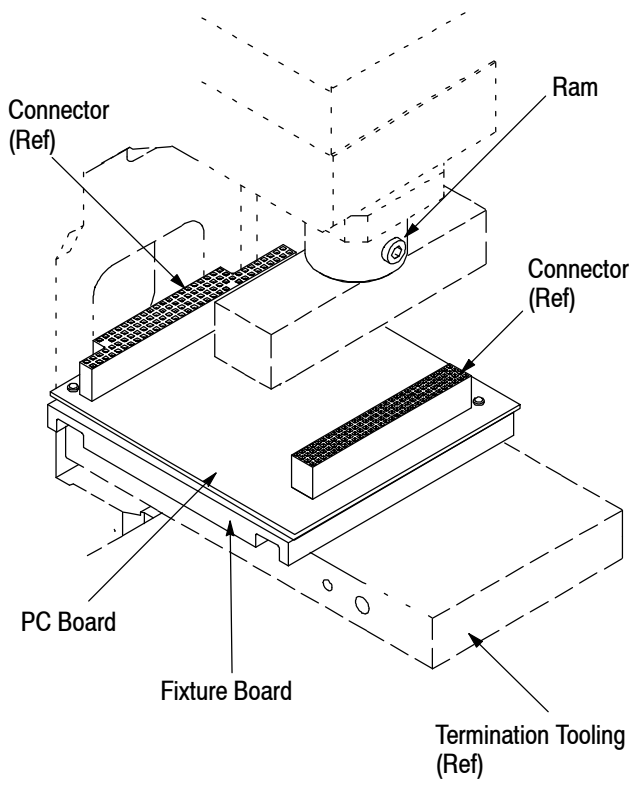


Figure 2

#### 4. MAINTENANCE AND INSPECTION

Periodically inspect and clean the fixture board assembly. Using a clean cloth, wipe dirt and debris from the fixture board.

Make sure that the screws securing the insert plate are tight.

#### 5. REVISION SUMMARY

Revisions to this instruction sheet include:

- Updated instruction sheet to corporate requirements
- Modified Sections 1 and 2, and Figure 2