

Figure 1

1. INTRODUCTION

This instruction sheet covers the operation and maintenance of Fixture Board Assembly 1424685-1. Fixture Board Assembly 1424685-1 assists applying PC/104 and PC/104-Plus connectors to printed circuit (pc) boards.

NOTE

Dimensions on this sheet are in millimeters [with inches in brackets], unless otherwise specified. Figures are not drawn to scale.

2. DESCRIPTION

Fixture Board Assembly 1424685-1 is loose piece tooling which is used with the customer's manual termination tooling. The fixture board assembly is basically a baseplate that lays on the termination tooling base and is manually aligned with the tooling ram.

Fixture board assembly 1424685-1 consists of a keyed fixture board, an insert plate, and guide posts. Refer to Figure 1.

The insert plate must be removed when terminating PC/104 connectors using organizers.

NOTE

Organizers may be ordered separately and are supplied with the product.

Fixture Board Assembly 1424685-1 (although *not* in loose-piece form) is also part of Seating Tool

Assembly 1424686-[] (see 408-8503), Manual Seating Tool Assembly 1424931-1 (see 408-8505), and Pneumatic Seating Tool Assembly 1424930-1 (see 408-8504).

3. OPERATION

NOTE

If PC/104 connectors with organizers are being terminated, loosen the set screws securing the insert plate and remove the insert plate.

1. If using an organizer, place the organizer on the fixture board.
2. Locate the loose-piece fixture board assembly on the applicable termination tooling.
3. Place the printed circuit board on the fixture board assembly, locating it using the two guide posts on the Fixture Board Assembly.
4. Place the connector(s) on the pc board as shown in Figure 2.
5. Align the connector, ram, and baseplate.
6. Manually lower the ram and seat the first connector into the pc board.
7. Repeat the procedure for the second connector.
8. Remove the terminated pc board from the tool.

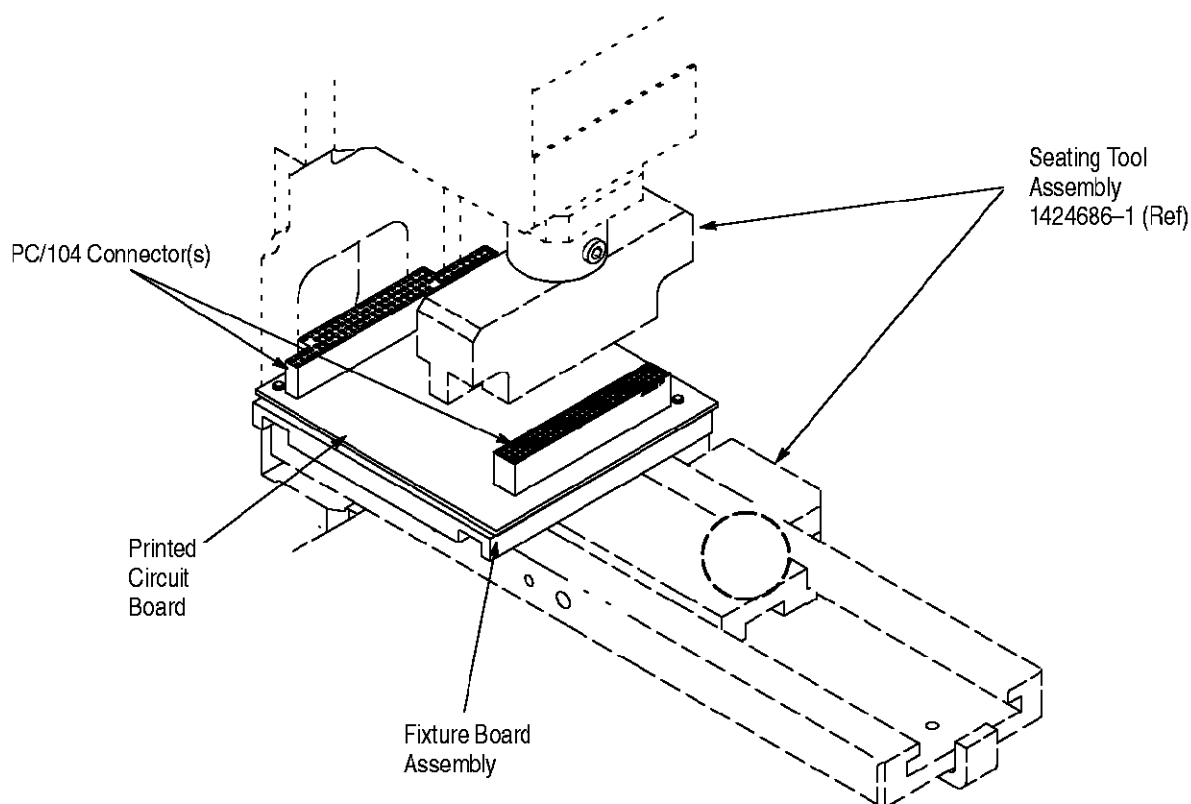


Figure 2

CAUTION

To avoid bending posts, be sure to carefully lift the terminated pc board straight off the fixture board.

the insert plate are tight. Using a clean cloth, wipe dirt and debris from the fixture plate.

4. MAINTENANCE

It is a good policy to periodically inspect and clean the fixture board assembly. Be sure the screws securing

5. REVISION SUMMARY

Per EC O990-0578-01:

- Initial release of instruction sheet