

AMPAMP INCORPORATED
HARRISBURG, PA 17105

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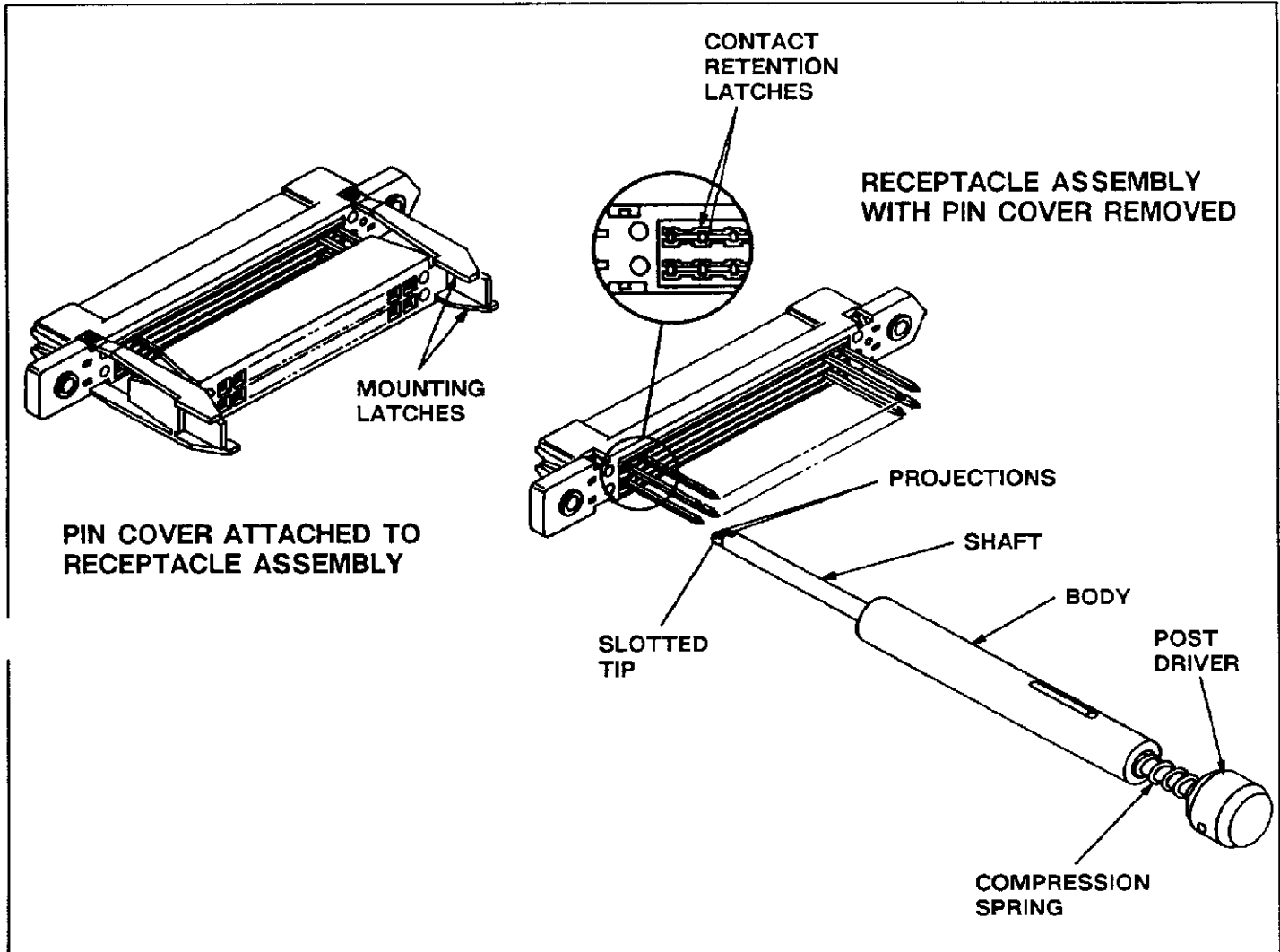
IS 9398CUSTOMER HOTLINE
1 800 722-1111AMP*
EXTRACTION TOOL
58324-1RELEASED
11-18-88

Fig. 1

1. INTRODUCTION

This instruction sheet (IS) covers AMP Extraction Tool 58324-1 which is used to extract pin contacts from AMP Receptacle Assembly 213395 (30-position) and 213396 (75-position). Both assemblies are components of the AMP Wire Integration Unit connector. See Figure 1.

Read this sheet thoroughly before attempting to extract any pin contacts.

NOTE

All dimensions on this sheet are in inches.

2. DESCRIPTION

The tool features a post driver, a compression spring, a body, a shaft and a slotted tip. The post driver controls the movement of the shaft. During the extraction process, the tool slides down over the post portion of the pin contact and bottoms on the wiring face of the connector. The post driver is depressed and the projections spread apart the contact retention latches, freeing the contact from the housing. When the operator releases the post driver, the compression spring returns the post driver to its normal position.

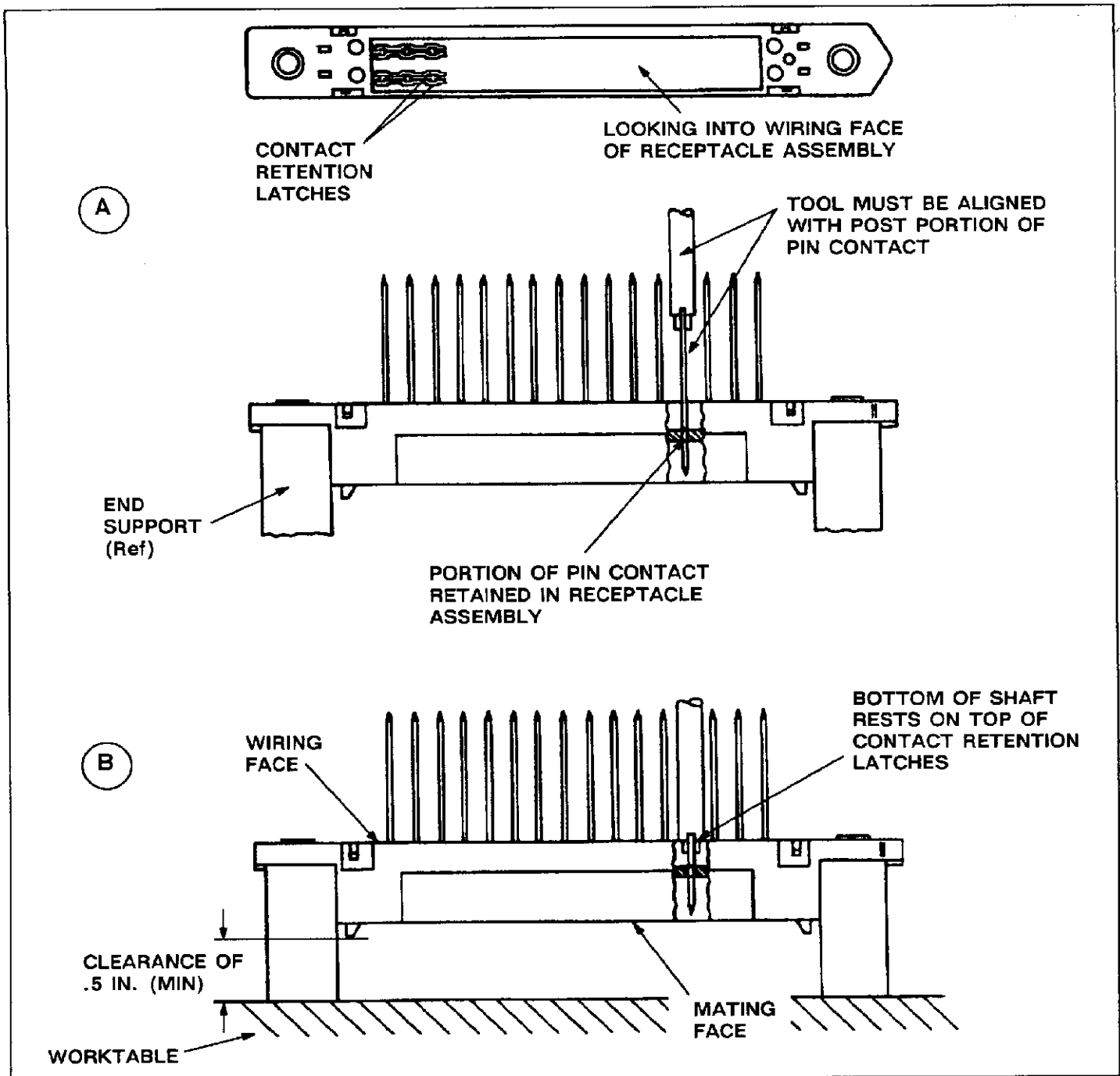


Fig. 2

3. EXTRACTION PROCEDURE

When you have established compatibility between the tool and product, proceed as follows:

1. If the unit includes the pin cover, remove the cover by squeezing the mounting latches and pulling straight back. If mated to the plug module, unmate the two members.
2. Locate the damaged post to be extracted and remove any wrap-type terminations on the post portion.
3. Lay the receptacle assembly on supports as shown in Figure 2 A. Then orient the extraction tool so that the two projections face toward the ends of the receptacle assembly (Figure 2 A).

4. Carefully slide the slotted tip down over the post — making sure the tool remains aligned with the post — until the bottom of the shaft rests on the top of the contact retention latches (in this position, the projections will spread apart the contact retention latches and the damaged post will be partially released). Refer to Figure 2 B.

5. Lightly depress the thumb-actuated post driver until the post is free of the latch area.

NOTE Keep your hand out of the path of the pin contact to be extracted.

6. Pull the damaged post from the receptacle assembly by hand through the mating face.

7. Using the AMP Instruction Sheet packaged with the insertion tool, insert the replacement post into the proper cavity with the procedures covered therein.

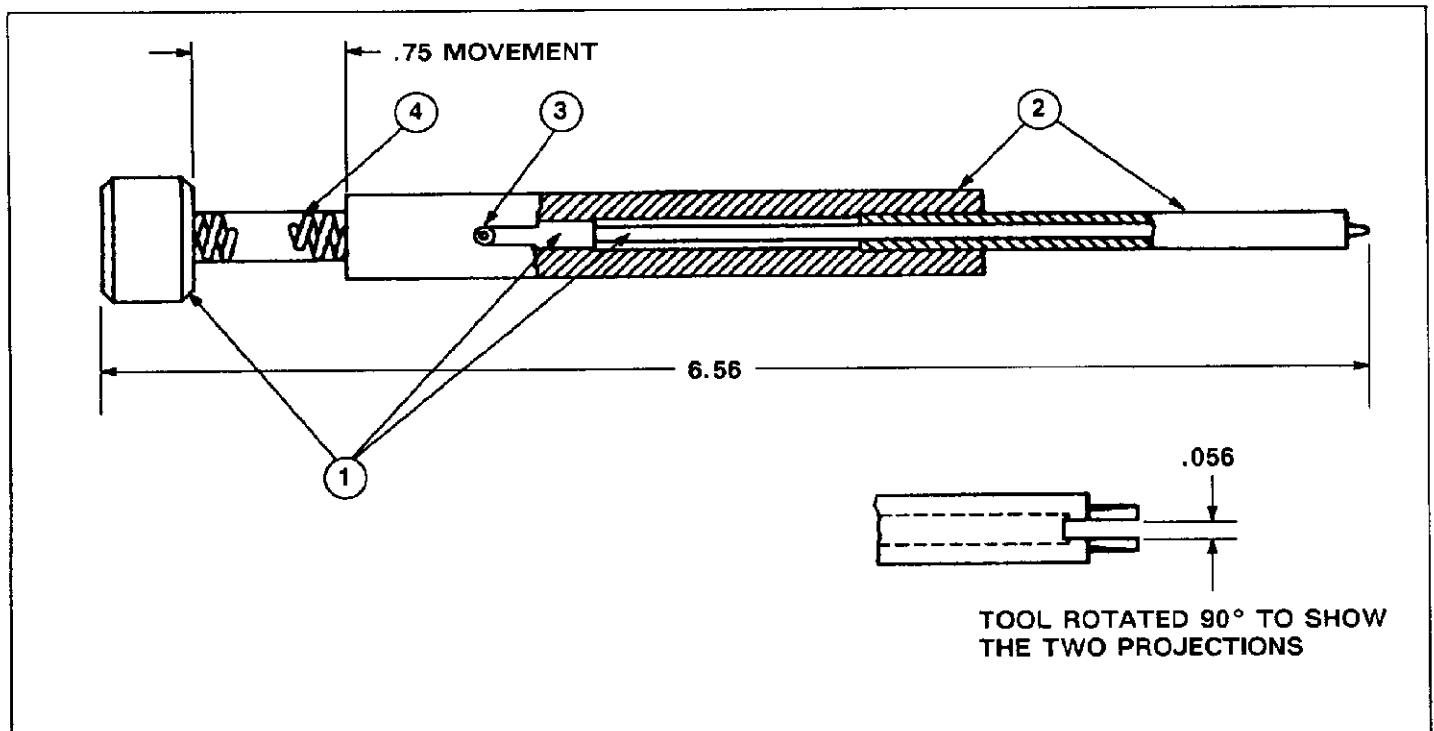
8. Replace the wrap-type terminations on the post, remate the plug module with the receptacle assembly, and attach the pin cover to the receptacle assembly.

4. TOOL INSPECTION/MAINTENANCE

AMP Extraction Tool 58324-1 should conform to the dimensions listed in Figure 3. It is recommended that the tool be inspected upon arrival to be sure it has not been damaged in transit, and at regularly scheduled intervals to be sure it remains functional.

If the tool requires repair, send it, with a written description of the problem, to:

AMP Incorporated
 Customer Repair
 1523 North 4th Street
 Harrisburg, PA 17102-1604



WEIGHT	CUSTOMER REPLACEABLE PARTS			
	ITEM	PART NUMBER	DESCRIPTION	QTY
4 oz	1	844002-1	SUBASSEMBLY, Push Rod	1
	2	844000-1	SUBASSEMBLY, Housing Spreader	1
	3	3- 21028-6	PIN, Spring .094 x .50 L	1
	4	4- 22281-8	SPRING, Compression, .300 OD x 1.50 L	1

Fig. 3