



APPLICATION AND MAINTENANCE
FOR AMP* HAND CRIMPING TOOL 90340-1

M-1737
Instruction Sheet
IS 7831
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Section I of this instruction sheet provides application procedures for AMP hand crimping tools.

Section II provides maintenance and inspection procedures for AMP hand crimping tools.

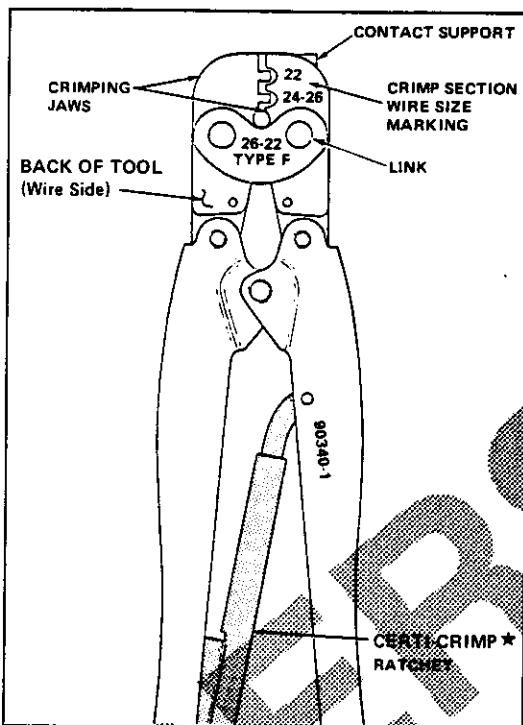


Fig. I-1

SECTION I APPLICATION

I-1. INTRODUCTION

AMP Hand Crimping Tool 90340-1 is designed for crimping the AMPMODU* MOD IV loose piece contacts listed in Figure I-2. Read these instructions thoroughly before crimping any contacts.

NOTE All dimensions presented on this instruction sheet are in inches, unless otherwise stated.

I-2. DESCRIPTION (see Figures I-1 and I-3)

The FRONT OF TOOL has the AMP marking on the link. The BACK OF TOOL (wire side), into which the wire is inserted, has the wire size marked beside each crimp section.

This tool features two crimping jaws, a contact locator/insulation stop, a contact support, and a CERTI-CRIMP ratchet.

The locator/insulation stop has two functions. First, it positions the contact between the crimping jaws, and second, it aids in locating the wire in the contact. In use, it rests in the locator slot (see Figures I-2 and I-3).

The contact support prevents the contact from bending during the crimping operation.

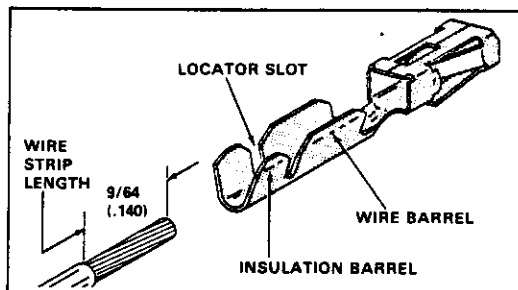
The CERTI-CRIMP ratchet assures full crimping of the contact. Once engaged, the ratchet will not release until the tool handles have been FULLY closed.

CAUTION The crimping jaws bottom before the CERTI-CRIMP ratchet releases. This is a design feature that assures maximum electrical and tensile performance of the crimp. Do NOT readjust the ratchet.

I-3. CRIMPING PROCEDURE

Refer to the chart in Figure I-2 and select wire of the specified size and insulation diameter. Strip the wire to the length indicated — do NOT cut or nick the wire strands.

Select the applicable loose piece contact, and identify the appropriate crimp section (according to the wire size markings on the BACK of the tool).



WIRE		CONTACT NO.		CRIMP SECT (Wire Size Marking)
SIZE (AWG)	INSUL DIA (Max)	LP	STRIP	
26 to 24	.061	87667	87666	24-26
		87756-3, -5, and -7	87756-2, -4, and -6	
		102128	87809	
		87862	87860	
22	.061	87667	87666	22
		87756-3, -5, and -7	87756-2, -4, and -6	
		102128	87809	
		87862	87860	

Fig. I-2

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