

AMP EXTRACTION
TOOL 58454-1

USED WITH THE FOLLOWING:

PART NUMBER	DESCRIPTION
750010	Receptacle Coax Shell Subassembly
750018	Plug Coax Shell Subassembly
750019	Plug Contact Kit
750020	Receptacle Contact Kit

Fig. 1

1. INTRODUCTION

AMP Extraction Tool 58454-1 is used in the extraction of AMPLIMITE* Coaxial Plugs and Receptacles from AMPLIMITE Coax Mix Connector Assemblies. Information and assembly procedures regarding the coaxial plugs and receptacles are available in AMP Instruction Sheet IS 9633.

Read these instructions completely before using the extraction tool and removing any connectors.

2. DESCRIPTION (Figure 1)

The extraction tool is essentially a pair of modified, reverse-action tweezers. The tips are designed to open sufficiently to allow them to fit over a connector and release the latch in the connector cavity of the Coax Mix Connector Assembly.

3. EXTRACTION PROCEDURE (Figure 2)

Refer to the illustration and proceed as follows:

NOTE

If the connector has a plastic shield enclosure and metal shields with a crimp ferrule securing them to the connector assembly, this tool and this procedure may not be used without destroying the shield enclosure and the metal shields to gain access to the plugs and receptacles in the back of the connector assembly.

1. Obtain the extraction tool and gain access to the back of the connector assembly.
2. Squeeze the tool sufficiently to allow the tips to fit over the cable of the plug or receptacle to be extracted.
3. Slide the extraction tool tips over the back of the plug or receptacle and gently push the tool into the connector cavity until it is bottomed. This will release the latches.
4. Holding the extraction tool in place, pull gently on the cable of the plug or receptacle to be removed, and withdraw the connector with the tool.
5. Squeeze the extraction tool to allow the tool tips to be removed from the extracted plug or receptacle.

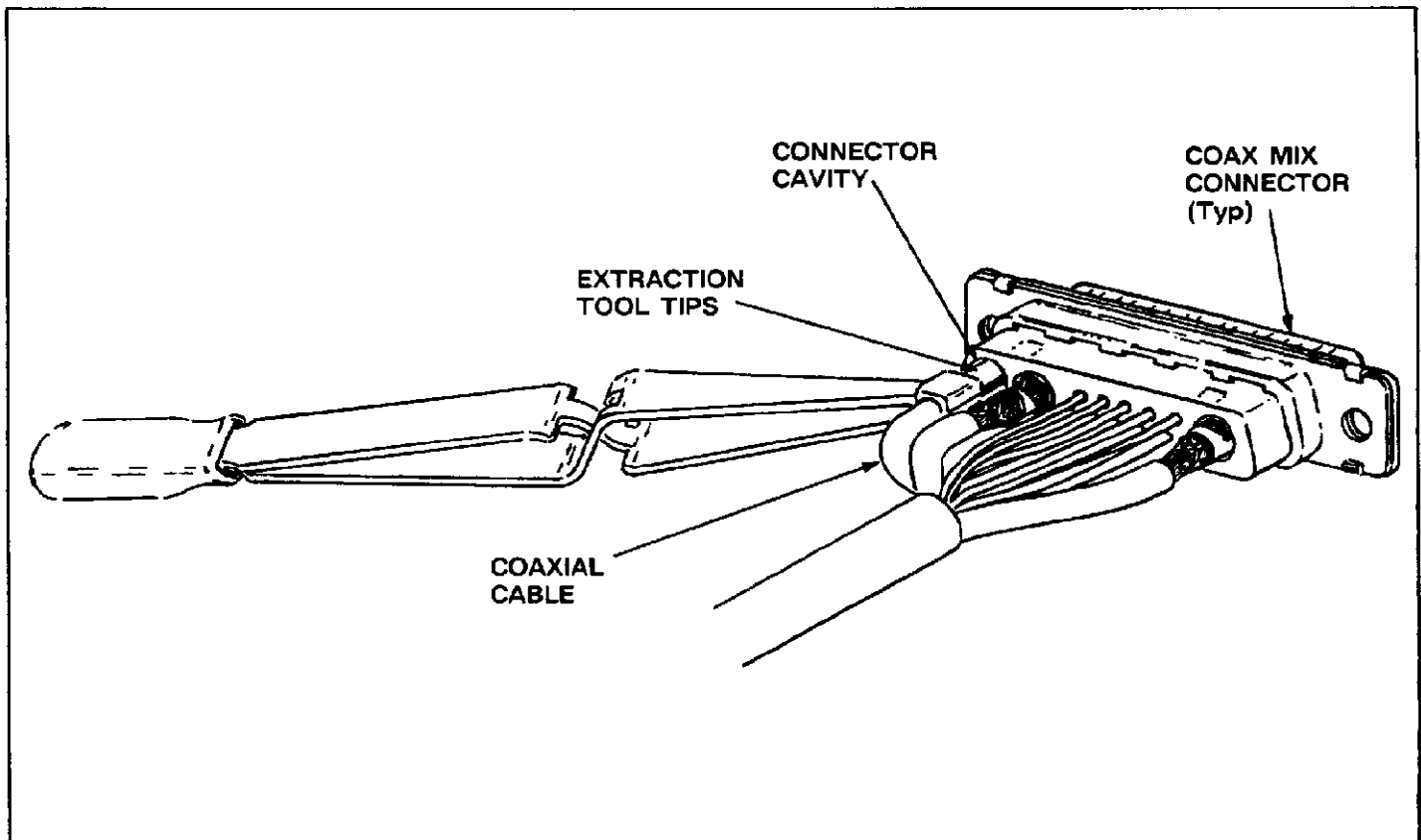


Fig. 2

4. MAINTENANCE

AMP Extraction Tool 58454-1 requires little maintenance other than to wipe it with a clean, soft, lint-free cloth periodically and to ensure that no foreign materials or contaminants are present on the tool tips which could enter the contact cavities of the connector.

Additional tools may be purchased from:

AMP Incorporated
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or a wholly-owned subsidiary of AMP Incorporated.