

EXTRACTORS II

DESCRIPTION

TOOLS

1. GENERAL

1.01 This section covers coded, noncoded, and commercial extractor tools.

1.02 This section is reissued to add the 818A and KS-21279, L1, to rate the KS-13753, L2, tube extractor Mfr Disc. and to update to standard format. Revision arrows are used to indicate significant changes.

1.03 See Tool Index, Section 074-000-001 for another extractor tool practice.

1.04 For similar types of tools, see Pullers, Section 074-247-137; Removers I, Section 074-253-123; and Removers II, Section 074-253-124.

2. DESCRIPTION OF TOOLS

2.01 **758A:** The 758A tool (Fig. 1) is used to extract printed wiring boards from the trays in No. 5 Crossbar System.

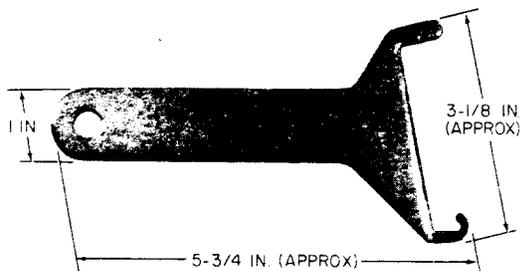


Fig. 1—758A Extractor Tool

2.02 **761A:** The 761A tool (Fig. 2) is used to extract or insert plug-in trunk units in the No. 4A and 4M Toll Switching Systems.

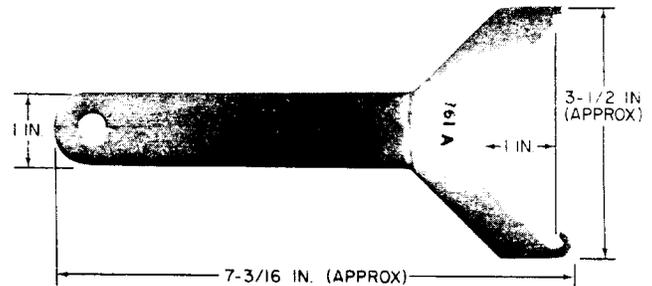


Fig. 2—761A Extractor Tool

2.03 **811A:** The 811A tool (Fig. 3) is used to extract numbered printed wiring boards from Automatic Numbered Identification Type D (ANI-D) network apparatus mountings.

2.04 **818A:** The 818A tool (Fig. 4) is an extractor tool designed to extract 1ESS* and 1A ESS switching equipment plug-in trunk units from the plastic plug-in chassis mountings.

2.05 **KS-5637, L1:** The KS-5637, L1, tube extractor (Fig. 5) is used to extract 373A and 374A electron tubes from K2 carrier telephone equipment panels.

2.06 **KS-13753, L2:** The KS-13753, L2, tube extractor is rated Mfr Disc. without a replacement.

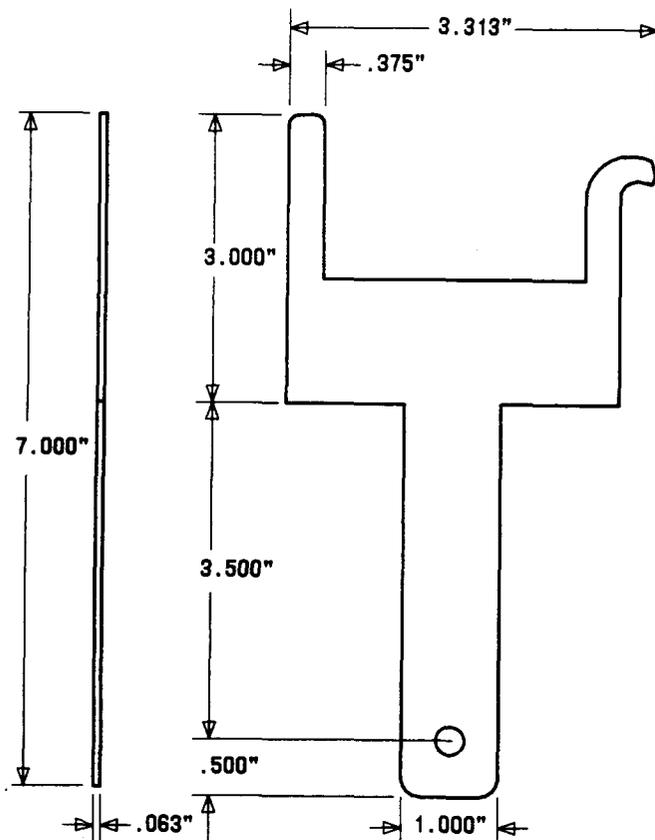
2.07 **KS-14408:** The KS-14408 tube extractor (Fig. 6) is used to extract and insert 416A electron tubes.

2.08 **KS-14428:** The KS-14428 tube extractor (Fig. 7) is used to extract 375A and similar-type octal base electron tubes and for replacing 89-type resistors.

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◆Fig. 3—811A Printed Wiring Board Extractor◆

2.09 KS-14457: The KS-14457 pin extractor (Fig. 8) is used to remove and replace pins in the KS-13882 perforators in Automatic Message Accounting (AMA) centers and central offices.

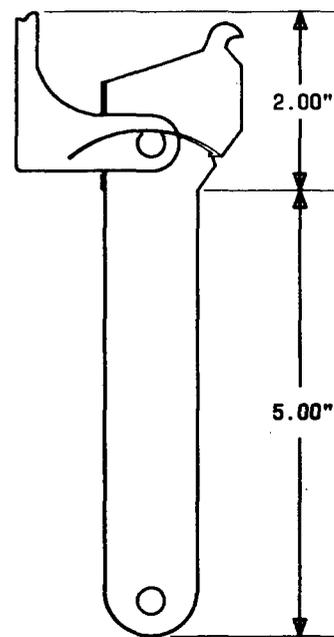
2.10 KS-19099, L2: The KS-19099, L2, extractor (Fig. 9) is used to remove packaged semiconductor amplifiers from L-type multiplex equipment.

2.11 KS-19898, L1: The KS-19898, L1, extractor (Fig. 10) is used to remove the 372A and similar-type patching plugs from the A2A Video System.

2.12 KS-20141, L1: The KS-20141, L1, extractor (Fig. 11) is used to remove and replace the 51A pads in the L4 Coaxial System.

2.13 KS-21144, L1: The KS-21144, L1, lamp and cap extractor (Fig. 12) is a double-ended tool, one end which is used to remove the cap and the T1-type lamp from the miniature lamp assemblies used in L4 and L5 terminal equipment. ◆The other end of

the tool has a tapered, slotted spring to fit over the lamp bulb. The tool has a clip for fastening to the pocket of the user.◆



◆Fig. 4—818A Extractor Tool◆

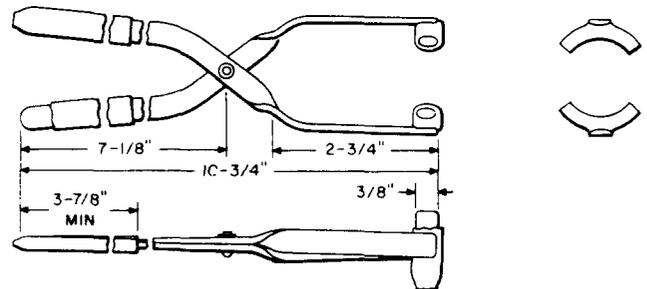


Fig. 5—KS-5637, L1, Tube Extractor

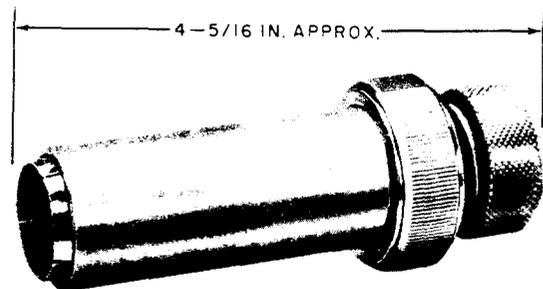


Fig. 6—KS-14408 Tube Extractor

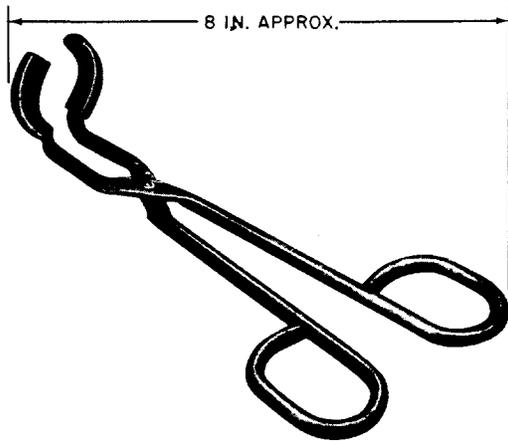


Fig. 7—KS-14428 Tube Extractor

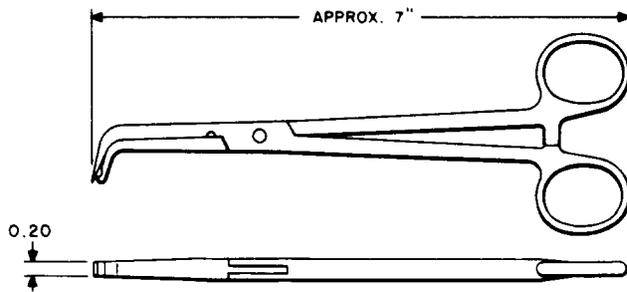


Fig. 8—KS-14457 Pin Extractor

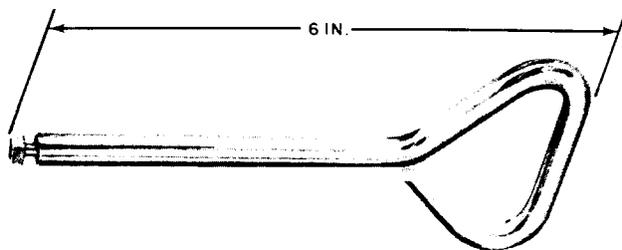


Fig. 9—KS-19099, L2, Extractor

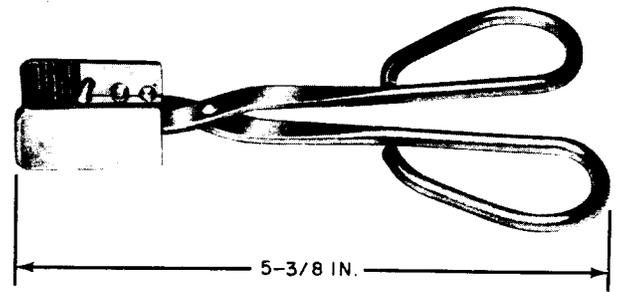


Fig. 10—KS-19898, L1, Extractor

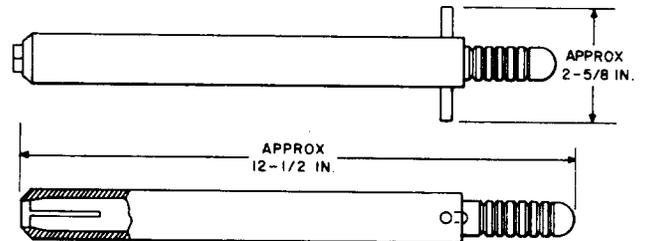


Fig. 11—KS-20141, L1, Extractor

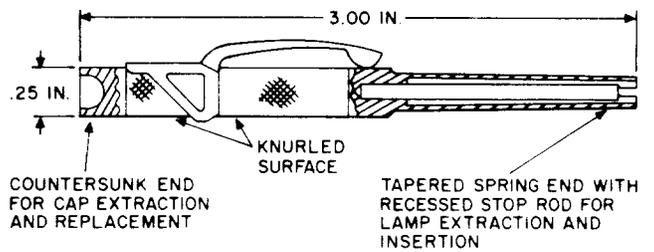


Fig. 12—KS-21144, L1, Lamp and Cap Extractor

2.14 ♦KS-21279, L1: The KS-21279, L1, subminiature jack extractor tool (Fig. 13), is used for inserting and removing subminiature jacks like the KS-20804 type used on L-multiplex Systems.

The extractor is a 7-1/2 inch long pliers-type tool with two L-shaped tip halves. The tip halves are cut so that an elliptical hole is formed when the pliers are closed.

2.15 General Cement Manufacturing Company No. 5092: The General Cement Manufacturing Company No. 5092 extractor (Fig. 14) is used to remove and replace miniature electron tubes which have deeply recessed sockets or sockets with base-shield extensions.

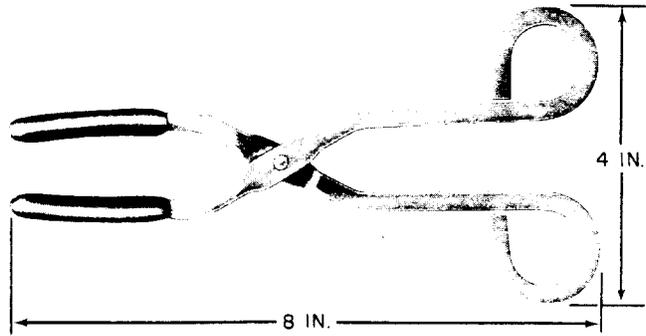


Fig. 14—General Cement Manufacturing Company No. 5092 Extractor

2.16 Morrill and Morrill No. 218: The Morrill and Morrill No. 218 extractor (Fig. 15) is used to extract 310-type and 311-type electron tubes.

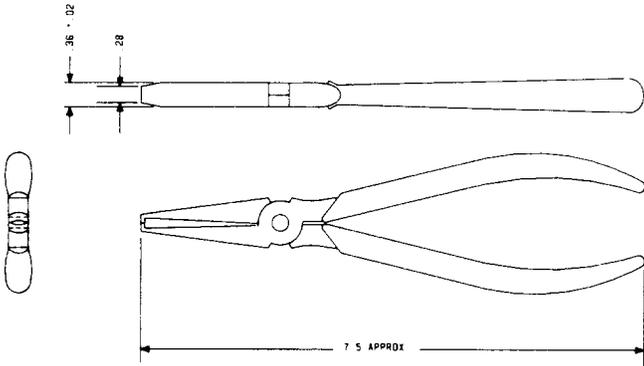


Fig. 13—KS-21279, L1, Subminiature Jack Extractor

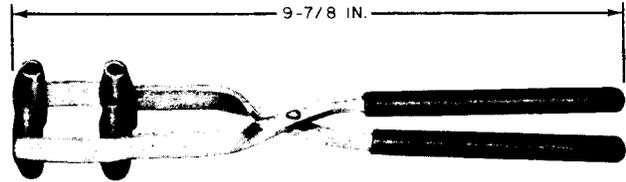


Fig. 15—Morrill and Morrill No. 218 Electron Tube Extractor