

REMOVERS I

DESCRIPTION

TOOLS

1. GENERAL

1.01 This section describes Bell System coded remover tools within the part or type number range of 90 through 706.

1.02 This section is being reissued to rate the 348 tool Mfr Disc. and to update the practice to standard format. Since this is a general revision, revision arrows have been omitted.

1.03 See tool index for another Remover practice.

2. DESCRIPTION OF TOOLS

2.01 90: The 90 remover tool (Mfr Disc.) is replaced by the 90B cover remover tool.

2.02 90B: The 90B cover remover tool (Fig. 1) is used on 5-, 12-, and 14-type line and traffic registers.

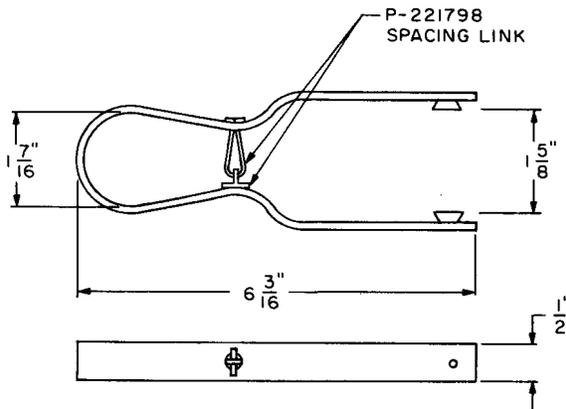


Fig. 1—90B Cover Remover Tool

2.03 345: The 345 jack sleeve remover and replacer tool (Fig. 2) is used on 92- and 292-type jacks.

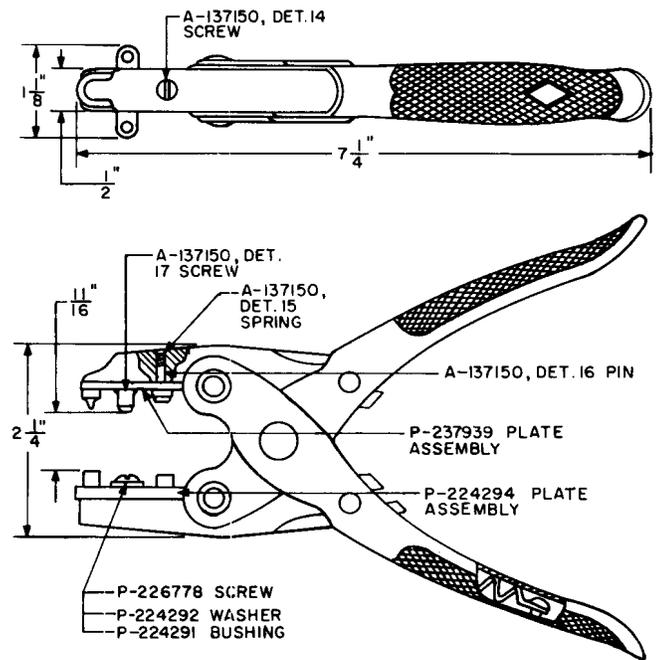


Fig. 2—345 Jack Sleeve Remover and Replacer Tool

2.04 348: The 348 bearing remover tool is Mfr Disc. with no replacement.

2.05 407A: The 407A sleeve remover tool (Fig. 3) is used in removing worn sleeves of 49- and 141-type jacks. This tool replaces the 123 sleeve remover tool.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

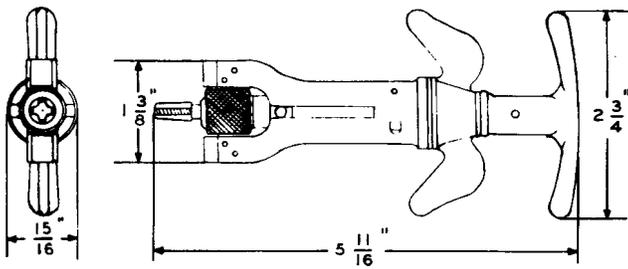


Fig. 3—407A Sleeve Remover Tool

2.06 **438A:** The 438A remover tool (Fig. 4) is used in removing and replacing transmitter, receiver, and various parts on E1B-type handsets.

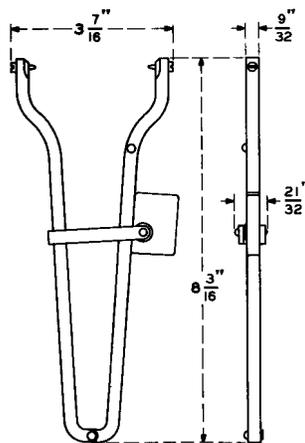


Fig. 4—438A Remover Tool

2.07 **478A:** The 478A jack sleeve remover tool (Fig. 5) is used on 92-type jacks.

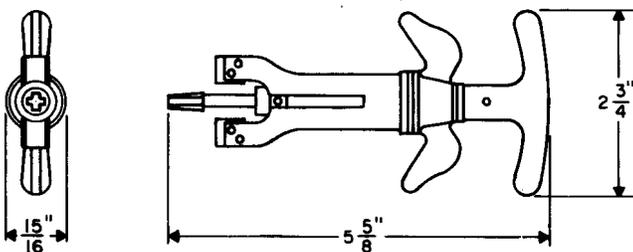


Fig. 5—478A Jack Sleeve Remover Tool

2.08 **490A:** The 490A underlining remover tool (Fig. 6) is used to remove underlining and multiple markings. This tool replaces the 113B tool.

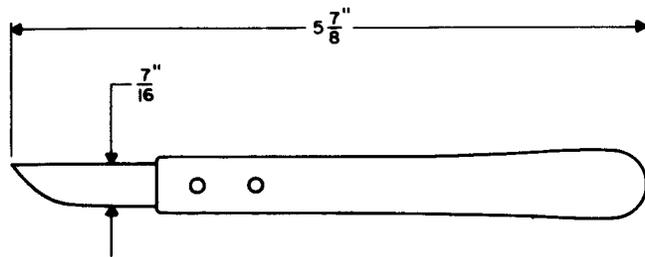


Fig. 6—490A Underlining Remover Tool

2.09 **492A:** The 492A bushing remover and replacer tool (Fig. 7) is used in replacing bearings on reciprocating bar-type interrupters. This tool forms part of the 1000A tool kit.

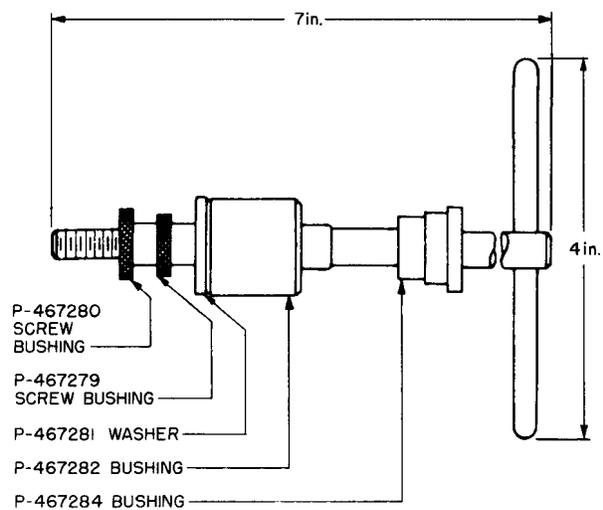


Fig. 7—492A Bushing Remover and Replacer Tool

2.10 **494B:** The 494B pawl pin remover tool (Fig. 8) is used in replacing pawl pins on 197- and 198-type switches. This tool forms part of the 1001A tool kit and replaces the 494A tool.

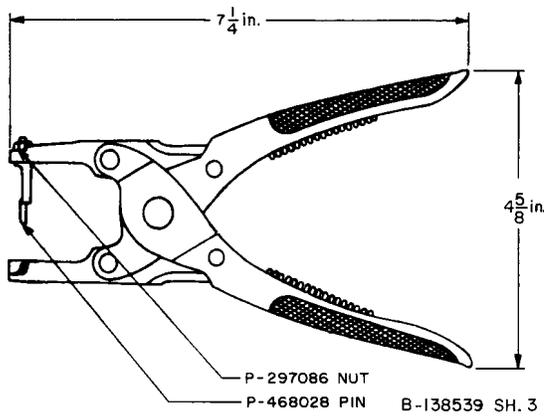


Fig. 8—494B Pawl Pin Remover Tool

2.11 **614A:** The 614A card remover tool (Fig. 9) is used on UB-type relays.

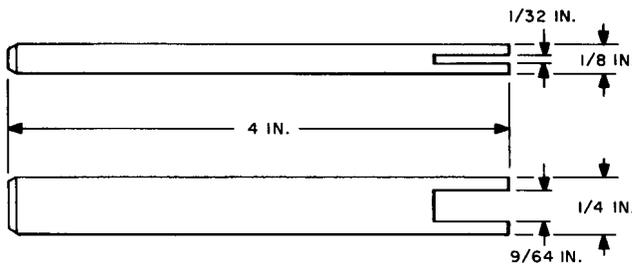
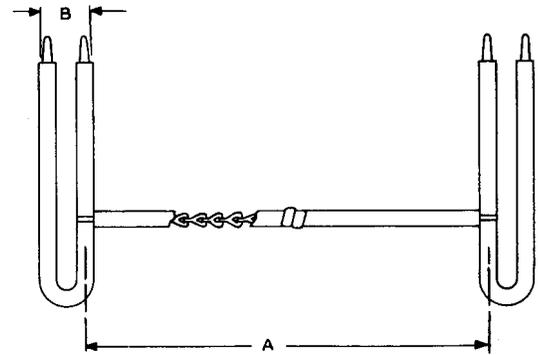


Fig. 9—614A Card Remover Tool

2.12 **654A, B, and C:** The 654A, B, and C relay remover tools (Fig. 10) are used in removing 289-, 290-, and 293-type relays, respectively, in No. 5 Crossbar Systems.



DIMENSIONS (INCHES)		
CODE	A	B
654A	3-7/8	1.023
654B	5-1/4	0.555
654C	4-5/8	0.830

Fig. 10—654A, B, and C, Relay Remover Tools

2.13 **655B:** The 655B buildup remover tool (Fig. 11) is used in removing buildups on contacts of wire-spring type relays. It replaces the 655A buildup remover tool.

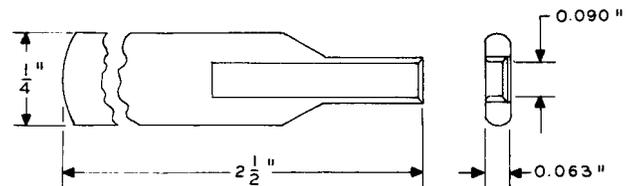


Fig. 11—655B Buildup Remover Tool

SECTION 074-253-123

2.14 668A: The 668A (A&M only) coil remover tool (Fig. 12) is used in removing coils of 286-, 287-, and 288-type relays. The 1012A tool kit is no longer available as a complete kit. Order this tool for replacement purposes only if the office is equipped with the 1012A tool kit.

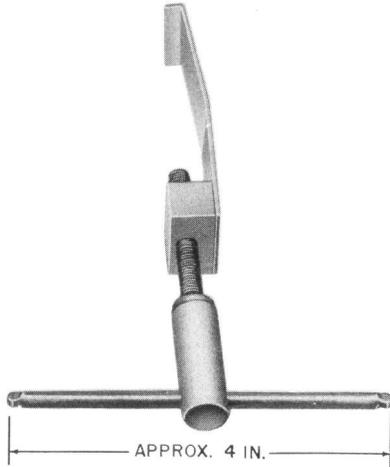


Fig. 12—668A Coil Remover Tool

2.15 706A: The 706A diode remover tool (Fig. 13) is used in removing 427A or similar type diodes in TH Radio System modulators.

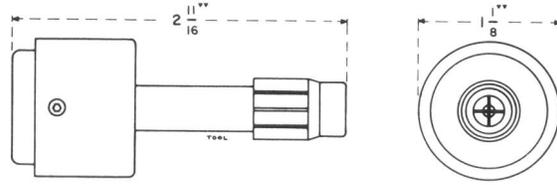


Fig. 13—706A Diode Remover Tool